APPENDIX A

Air Quality and Greenhouse Gas Emissions Modeling Data

Covina Kaiser MOB

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	60.00	1000sqft	0.72	60,000.00	0
Enclosed Parking Structure	256.00	Space	0.55	92,785.00	0
Other Asphalt Surfaces	50.53	1000sqft	1.16	50,530.00	0
Parking Lot	71.00	Space	0.99	43,009.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	601.59	**CH4 Intensity (lb/MWhr)**	0.025	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted GHG intensity based on SCE 2017 Power Content Label.

Land Use - Project: 60,000 sf MOB, 256-space parking structure w/ elevator, 71-space parking lot

Construction Phase - Adjusted construction phasing/schedule per applicant input

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Trips and VMT - Added water/sweep trucks in Vendor, adjusted hauling trips based on 11,000 CY net export and 16 CY per truck, haul truck one-way trip distance of 6.8 miles (to Waste Management Azusa Land Reclamation)

On-road Fugitive Dust - Default

Grading - 41,000 CY cut, 30,000 CY fill, net export of 11,000 CY (haul trucks #s account for just net export)

Architectural Coating - Default

Vehicle Trips - Default weekday trip rate matches that provided in the TIS

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Area Coating - Default

Energy Use - Adjusted electricity intensity to match forecasted total electricity consumption provided by the applicant. Natural gas intensity values are defaults

Water And Wastewater - Adjusted indoor and outdoor water use to match forecasted total indoor and outdoor water consumption provided by the applicant.

Construction Off-road Equipment Mitigation - Water exposed area 2x per day

Energy Mitigation - On-site renewable energy: 556,200 kWh to be generated by PV panels as provided by applicant

Waste Mitigation - Percent Reduction in Waste Disposed: 50% waste diversion consistent with Assembly Bill 939.

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	8.00	25.00
tblConstructionPhase	NumDays	230.00	200.00
tblConstructionPhase	NumDays	18.00	85.00
tblConstructionPhase	NumDays	18.00	86.00
tblEnergyUse	LightingElect	1.75	0.76
tblEnergyUse	LightingElect	3.77	1.63
tblEnergyUse	LightingElect	0.35	0.15
tblEnergyUse	NT24E	4.62	1.99
tblEnergyUse	T24E	3.92	1.69
tblEnergyUse	T24E	4.60	1.99

tblGrading	MaterialExported	0.00	29,110.00
tblGrading	MaterialExported	0.00	11,890.00
tblGrading	MaterialImported	0.00	21,300.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LandUseSquareFeet	102,400.00	92,785.00
tblLandUse	LandUseSquareFeet	28,400.00	43,009.00
tblLandUse	LotAcreage	1.38	0.72
tblLandUse	LotAcreage	2.30	0.55
tblLandUse	LotAcreage	0.64	0.99
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.025
tblProjectCharacteristics	CO2IntensityFactor	702.44	601.59
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	HaulingTripLength	20.00	6.80
tblTripsAndVMT	HaulingTripLength	20.00	6.80

tblTripsAndVMT	HaulingTripNumber	2,574.00	0.00
tblTripsAndVMT	HaulingTripNumber	6,301.00	1,376.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	40.00	44.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	26.00
tblTripsAndVMT	WorkerTripNumber	20.00	30.00
tblTripsAndVMT	WorkerTripNumber	97.00	180.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblTripsAndVMT	WorkerTripNumber	25.00	20.00
tblVehicleTrips	ST_TR	8.96	8.63
tblVehicleTrips	SU_TR	1.55	1.49
tblVehicleTrips	WD_TR	36.13	34.80
tblWater	IndoorWaterUseRate	7,528,832.25	767,000.00
tblWater	OutdoorWaterUseRate	1,434,063.29	472,507.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.2891	69.2578	39.4427	0.0972	6.1875	2.2620	8.4496	0.7852	2.0819	2.8671	0.0000	9,645.9146	9,645.9146	2.5021	0.0000	9,708.4668
2021	11.3682	35.6048	46.2534	0.0963	2.9038	1.5570	4.4608	0.7777	1.4529	2.2306	0.0000	9,508.7261	9,508.7261	1.7361	0.0000	9,552.1282
Maximum	**11.3682**	**69.2578**	**46.2534**	**0.0972**	**6.1875**	**2.2620**	**8.4496**	**0.7852**	**2.0819**	**2.8671**	**0.0000**	**9,645.9146**	**9,645.9146**	**2.5021**	**0.0000**	**9,708.4668**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.2891	69.2578	39.4427	0.0972	3.1457	2.2620	5.4078	0.7147	2.0819	2.5332	0.0000	9,645.9146	9,645.9146	2.5021	0.0000	9,708.4668
2021	11.3682	35.6048	46.2534	0.0963	2.9038	1.5570	4.4608	0.7777	1.4529	2.2306	0.0000	9,508.7261	9,508.7261	1.7361	0.0000	9,552.1282
Maximum	**11.3682**	**69.2578**	**46.2534**	**0.0972**	**3.1457**	**2.2620**	**5.4078**	**0.7777**	**2.0819**	**2.5332**	**0.0000**	**9,645.9146**	**9,645.9146**	**2.5021**	**0.0000**	**9,708.4668**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**33.46**	**0.00**	**23.56**	**4.51**	**0.00**	**6.55**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Energy	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Mobile	3.3516	15.4796	40.6430	0.1440	11.5168	0.1170	11.6338	3.0821	0.1092	3.1912		14,658.6274	14,658.6274	0.7529		14,677.4505
Total	**4.7948**	**15.6478**	**40.8287**	**0.1450**	**11.5168**	**0.1300**	**11.6467**	**3.0821**	**0.1221**	**3.2042**		**14,860.0446**	**14,860.0446**	**0.7570**	**3.6900e-003**	**14,880.0704**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Energy	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Mobile	3.3516	15.4796	40.6430	0.1440	11.5168	0.1170	11.6338	3.0821	0.1092	3.1912		14,658.6274	14,658.6274	0.7529		14,677.4505
Total	**4.7948**	**15.6478**	**40.8287**	**0.1450**	**11.5168**	**0.1300**	**11.6467**	**3.0821**	**0.1221**	**3.2042**		**14,860.0446**	**14,860.0446**	**0.7570**	**3.6900e-003**	**14,880.0704**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/6/2020	4/17/2020	5	10	
2	Grading	Grading	4/20/2020	5/22/2020	5	25	
3	Trenching	Trenching	5/25/2020	2/26/2021	5	200	
4	Building Construction	Building Construction	5/25/2020	2/26/2021	5	200	
5	Architectural Coating	Architectural Coating	2/1/2021	5/28/2021	5	85	
6	Paving	Paving	3/1/2021	6/28/2021	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 125

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Trenching	Excavators	4	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20

Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Aerial Lifts	2	8.00	63	0.31
Architectural Coating	Air Compressors	2	8.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Excavators	2	8.00	158	0.38
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	6.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	20.00	6.00	0.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Grading	6	26.00	6.00	1,376.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Trenching	8	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	180.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.2329	0.0000	0.2329	0.0353	0.0000	0.0353			0.0000			0.0000
Off-Road	0.8735	8.7281	10.1069	0.0145		0.5162	0.5162		0.4749	0.4749		1,402.4239	1,402.4239	0.4536		1,413.7633
Total	**0.8735**	**8.7281**	**10.1069**	**0.0145**	**0.2329**	**0.5162**	**0.7491**	**0.0353**	**0.4749**	**0.5102**		**1,402.4239**	**1,402.4239**	**0.4536**		**1,413.7633**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.1134**	**0.7037**	**1.0429**	**3.9200e-003**	**0.2620**	**4.8700e-003**	**0.2668**	**0.0704**	**4.5900e-003**	**0.0749**		**401.4374**	**401.4374**	**0.0176**		**401.8764**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1048	0.0000	0.1048	0.0159	0.0000	0.0159			0.0000			0.0000
Off-Road	0.8735	8.7281	10.1069	0.0145		0.5162	0.5162		0.4749	0.4749	0.0000	1,402.4239	1,402.4239	0.4536		1,413.7633
Total	**0.8735**	**8.7281**	**10.1069**	**0.0145**	**0.1048**	**0.5162**	**0.6210**	**0.0159**	**0.4749**	**0.4908**	**0.0000**	**1,402.4239**	**1,402.4239**	**0.4536**		**1,413.7633**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	**0.1134**	**0.7037**	**1.0429**	**3.9200e-003**	**0.2620**	**4.8700e-003**	**0.2668**	**0.0704**	**4.5900e-003**	**0.0749**		**401.4374**	**401.4374**	**0.0176**		**401.8764**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5305	0.0000	5.5305	0.6071	0.0000	0.6071			0.0000			0.0000
Off-Road	4.9233	59.6594	33.4633	0.0739		2.2379	2.2379		2.0589	2.0589		7,153.4978	7,153.4978	2.3136		7,211.3375
Total	**4.9233**	**59.6594**	**33.4633**	**0.0739**	**5.5305**	**2.2379**	**7.7685**	**0.6071**	**2.0589**	**2.6660**		**7,153.4978**	**7,153.4978**	**2.3136**		**7,211.3375**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.2248	8.8751	1.6284	0.0187	0.3280	0.0187	0.3467	0.0900	0.0179	0.1079		2,020.4127	2,020.4127	0.1687		2,024.6306
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.1197	0.0851	1.1384	3.0700e-003	0.2906	2.4300e-003	0.2931	0.0771	2.2400e-003	0.0793		305.7894	305.7894	9.6400e-003		306.0304
Total	**0.3658**	**9.5984**	**2.9340**	**0.0233**	**0.6570**	**0.0241**	**0.6811**	**0.1781**	**0.0230**	**0.2011**		**2,492.4168**	**2,492.4168**	**0.1885**		**2,497.1293**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4887	0.0000	2.4887	0.2732	0.0000	0.2732			0.0000			0.0000
Off-Road	4.9233	59.6594	33.4633	0.0739		2.2379	2.2379		2.0589	2.0589	0.0000	7,153.4978	7,153.4978	2.3136		7,211.3375
Total	**4.9233**	**59.6594**	**33.4633**	**0.0739**	**2.4887**	**2.2379**	**4.7267**	**0.2732**	**2.0589**	**2.3321**	**0.0000**	**7,153.4978**	**7,153.4978**	**2.3136**		**7,211.3375**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2248	8.8751	1.6284	0.0187	0.3280	0.0187	0.3467	0.0900	0.0179	0.1079		2,020.4127	2,020.4127	0.1687		2,024.6306
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.1197	0.0851	1.1384	3.0700e-003	0.2906	2.4300e-003	0.2931	0.0771	2.2400e-003	0.0793		305.7894	305.7894	9.6400e-003		306.0304

Total	**0.3658**	**9.5984**	**2.9340**	**0.0233**	**0.6570**	**0.0241**	**0.6811**	**0.1781**	**0.0230**	**0.2011**		**2,492.4168**	**2,492.4168**	**0.1885**		**2,497.1293**

3.4 Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8179	18.0711	22.1900	0.0331		0.9999	0.9999		0.9199	0.9199		3,203.5477	3,203.5477	1.0361		3,229.4500
Total	**1.8179**	**18.0711**	**22.1900**	**0.0331**		**0.9999**	**0.9999**		**0.9199**	**0.9199**		**3,203.5477**	**3,203.5477**	**1.0361**		**3,229.4500**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.1381	0.0982	1.3135	3.5400e-003	0.3353	2.8000e-003	0.3381	0.0889	2.5800e-003	0.0915		352.8339	352.8339	0.0111		353.1120
Total	**0.1594**	**0.7365**	**1.4808**	**5.1000e-003**	**0.3737**	**5.8000e-003**	**0.3796**	**0.1000**	**5.4500e-003**	**0.1054**		**519.0487**	**519.0487**	**0.0213**		**519.5804**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8179	18.0711	22.1900	0.0331		0.9999	0.9999		0.9199	0.9199	0.0000	3,203.5477	3,203.5477	1.0361		3,229.4500
Total	**1.8179**	**18.0711**	**22.1900**	**0.0331**		**0.9999**	**0.9999**		**0.9199**	**0.9199**	**0.0000**	**3,203.5477**	**3,203.5477**	**1.0361**		**3,229.4500**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.1381	0.0982	1.3135	3.5400e-003	0.3353	2.8000e-003	0.3381	0.0889	2.5800e-003	0.0915		352.8339	352.8339	0.0111		353.1120
Total	**0.1594**	**0.7365**	**1.4808**	**5.1000e-003**	**0.3737**	**5.8000e-003**	**0.3796**	**0.1000**	**5.4500e-003**	**0.1054**		**519.0487**	**519.0487**	**0.0213**		**519.5804**

3.4 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6658	16.1968	22.1282	0.0331		0.8649	0.8649		0.7957	0.7957		3,204.3682	3,204.3682	1.0364		3,230.2771
Total	**1.6658**	**16.1968**	**22.1282**	**0.0331**		**0.8649**	**0.8649**		**0.7957**	**0.7957**		**3,204.3682**	**3,204.3682**	**1.0364**		**3,230.2771**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0182	0.5825	0.1523	1.5400e-003	0.0384	1.1900e-003	0.0396	0.0111	1.1400e-003	0.0122		164.9284	164.9284	9.7200e-003		165.1713
Worker	0.1286	0.0884	1.2083	3.4300e-003	0.3353	2.7100e-003	0.3380	0.0889	2.5000e-003	0.0914		341.6310	341.6310	0.0101		341.8826
Total	**0.1468**	**0.6709**	**1.3606**	**4.9700e-003**	**0.3737**	**3.9000e-003**	**0.3776**	**0.1000**	**3.6400e-003**	**0.1036**		**506.5593**	**506.5593**	**0.0198**		**507.0539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6658	16.1968	22.1282	0.0331		0.8649	0.8649		0.7957	0.7957	0.0000	3,204.3682	3,204.3682	1.0364		3,230.2771
Total	**1.6658**	**16.1968**	**22.1282**	**0.0331**		**0.8649**	**0.8649**		**0.7957**	**0.7957**	**0.0000**	**3,204.3682**	**3,204.3682**	**1.0364**		**3,230.2771**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0182	0.5825	0.1523	1.5400e-003	0.0384	1.1900e-003	0.0396	0.0111	1.1400e-003	0.0122		164.9284	164.9284	9.7200e-003		165.1713
Worker	0.1286	0.0884	1.2083	3.4300e-003	0.3353	2.7100e-003	0.3380	0.0889	2.5000e-003	0.0914		341.6310	341.6310	0.0101		341.8826
Total	**0.1468**	**0.6709**	**1.3606**	**4.9700e-003**	**0.3737**	**3.9000e-003**	**0.3776**	**0.1000**	**3.6400e-003**	**0.1036**		**506.5593**	**506.5593**	**0.0198**		**507.0539**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8206	9.2738	6.6644	0.0122		0.4442	0.4442		0.4087	0.4087		1,180.0910	1,180.0910	0.3817		1,189.6326
Total	**0.8206**	**9.2738**	**6.6644**	**0.0122**		**0.4442**	**0.4442**		**0.4087**	**0.4087**		**1,180.0910**	**1,180.0910**	**0.3817**		**1,189.6326**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1565	4.6804	1.2263	0.0114	0.2817	0.0220	0.3037	0.0811	0.0211	0.1022		1,218.9087	1,218.9087	0.0744		1,220.7682

Worker	0.8284	0.5893	7.8812	0.0213	2.0120	0.0168	2.0288	0.5336	0.0155	0.5491		2,117.0032	2,117.0032	0.0667		2,118.6718
Total	**0.9849**	**5.2697**	**9.1075**	**0.0327**	**2.2937**	**0.0389**	**2.3325**	**0.6147**	**0.0366**	**0.6513**		**3,335.9118**	**3,335.9118**	**0.1411**		**3,339.4400**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8206	9.2738	6.6644	0.0122		0.4442	0.4442		0.4087	0.4087	0.0000	1,180.0910	1,180.0910	0.3817		1,189.6326
Total	**0.8206**	**9.2738**	**6.6644**	**0.0122**		**0.4442**	**0.4442**		**0.4087**	**0.4087**	**0.0000**	**1,180.0910**	**1,180.0910**	**0.3817**		**1,189.6326**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1565	4.6804	1.2263	0.0114	0.2817	0.0220	0.3037	0.0811	0.0211	0.1022		1,218.9087	1,218.9087	0.0744		1,220.7682
Worker	0.8284	0.5893	7.8812	0.0213	2.0120	0.0168	2.0288	0.5336	0.0155	0.5491		2,117.0032	2,117.0032	0.0667		2,118.6718
Total	**0.9849**	**5.2697**	**9.1075**	**0.0327**	**2.2937**	**0.0389**	**2.3325**	**0.6147**	**0.0366**	**0.6513**		**3,335.9118**	**3,335.9118**	**0.1411**		**3,339.4400**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7465	8.4088	6.5067	0.0122		0.3872	0.3872		0.3562	0.3562		1,180.0401	1,180.0401	0.3817		1,189.5813
Total	**0.7465**	**8.4088**	**6.5067**	**0.0122**		**0.3872**	**0.3872**		**0.3562**	**0.3562**		**1,180.0401**	**1,180.0401**	**0.3817**		**1,189.5813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1337	4.2719	1.1168	0.0113	0.2817	8.7400e-003	0.2904	0.0811	8.3500e-003	0.0895		1,209.4748	1,209.4748	0.0713		1,211.2561
Worker	0.7716	0.5304	7.2499	0.0206	2.0120	0.0163	2.0282	0.5336	0.0150	0.5486		2,049.7857	2,049.7857	0.0604		2,051.2957
Total	**0.9053**	**4.8023**	**8.3667**	**0.0319**	**2.2937**	**0.0250**	**2.3187**	**0.6147**	**0.0233**	**0.6380**		**3,259.2605**	**3,259.2605**	**0.1317**		**3,262.5518**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7465	8.4088	6.5067	0.0122		0.3872	0.3872		0.3562	0.3562	0.0000	1,180.0401	1,180.0401	0.3817		1,189.5813

Total	**0.7465**	**8.4088**	**6.5067**	**0.0122**		**0.3872**	**0.3872**		**0.3562**	**0.3562**	**0.0000**	**1,180.0401**	**1,180.0401**	**0.3817**		**1,189.5813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1337	4.2719	1.1168	0.0113	0.2817	8.7400e-003	0.2904	0.0811	8.3500e-003	0.0895		1,209.4748	1,209.4748	0.0713		1,211.2561
Worker	0.7716	0.5304	7.2499	0.0206	2.0120	0.0163	2.0282	0.5336	0.0150	0.5486		2,049.7857	2,049.7857	0.0604		2,051.2957
Total	**0.9053**	**4.8023**	**8.3667**	**0.0319**	**2.2937**	**0.0250**	**2.3187**	**0.6147**	**0.0233**	**0.6380**		**3,259.2605**	**3,259.2605**	**0.1317**		**3,262.5518**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.1531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6587	5.2728	7.0349	0.0113		0.2738	0.2738		0.2720	0.2720		1,075.7678	1,075.7678	0.1567		1,079.6852
Total	**7.8118**	**5.2728**	**7.0349**	**0.0113**		**0.2738**	**0.2738**		**0.2720**	**0.2720**		**1,075.7678**	**1,075.7678**	**0.1567**		**1,079.6852**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0918**	**0.2531**	**0.8563**	**2.8000e-003**	**0.2364**	**2.2100e-003**	**0.2386**	**0.0630**	**2.0400e-003**	**0.0650**		**282.7301**	**282.7301**	**9.9500e-003**		**282.9788**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.1531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6587	5.2728	7.0349	0.0113		0.2738	0.2738		0.2720	0.2720	0.0000	1,075.7678	1,075.7678	0.1567		1,079.6852
Total	**7.8118**	**5.2728**	**7.0349**	**0.0113**		**0.2738**	**0.2738**		**0.2720**	**0.2720**	**0.0000**	**1,075.7678**	**1,075.7678**	**0.1567**		**1,079.6852**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0918**	**0.2531**	**0.8563**	**2.8000e-003**	**0.2364**	**2.2100e-003**	**0.2386**	**0.0630**	**2.0400e-003**	**0.0650**		**282.7301**	**282.7301**	**9.9500e-003**		**282.9788**

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6768	16.3192	19.4282	0.0286		0.9186	0.9186		0.8468	0.8468		2,741.1253	2,741.1253	0.8699		2,762.8727
Paving	0.0655					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7423**	**16.3192**	**19.4282**	**0.0286**		**0.9186**	**0.9186**		**0.8468**	**0.8468**		**2,741.1253**	**2,741.1253**	**0.8699**		**2,762.8727**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0182	0.5825	0.1523	1.5400e-003	0.0384	1.1900e-003	0.0396	0.0111	1.1400e-003	0.0122		164.9284	164.9284	9.7200e-003		165.1713
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1040**	**0.6415**	**0.9578**	**3.8300e-003**	**0.2620**	**3.0000e-003**	**0.2650**	**0.0704**	**2.8000e-003**	**0.0732**		**392.6824**	**392.6824**	**0.0164**		**393.0930**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6768	16.3192	19.4282	0.0286		0.9186	0.9186		0.8468	0.8468	0.0000	2,741.1253	2,741.1253	0.8699		2,762.8727
Paving	0.0655					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7423**	**16.3192**	**19.4282**	**0.0286**		**0.9186**	**0.9186**		**0.8468**	**0.8468**	**0.0000**	**2,741.1253**	**2,741.1253**	**0.8699**		**2,762.8727**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0182	0.5825	0.1523	1.5400e-003	0.0384	1.1900e-003	0.0396	0.0111	1.1400e-003	0.0122		164.9284	164.9284	9.7200e-003		165.1713
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.1040**	**0.6415**	**0.9578**	**3.8300e-003**	**0.2620**	**3.0000e-003**	**0.2650**	**0.0704**	**2.8000e-003**	**0.0732**		**392.6824**	**392.6824**	**0.0164**		**393.0930**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.3516	15.4796	40.6430	0.1440	11.5168	0.1170	11.6338	3.0821	0.1092	3.1912		14,658.6274	14,658.6274	0.7529		14,677.4505
Unmitigated	3.3516	15.4796	40.6430	0.1440	11.5168	0.1170	11.6338	3.0821	0.1092	3.1912		14,658.6274	14,658.6274	0.7529		14,677.4505

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Medical Office Building	2,088.00	517.80	89.40	4,093,553	4,093,553
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,088.00	517.80	89.40	4,093,553	4,093,553

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Medical Office Building	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Other Asphalt Surfaces	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Parking Lot	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
NaturalGas Unmitigated	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	1711.23	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0185**	**0.1678**	**0.1409**	**1.0100e-003**		**0.0128**	**0.0128**		**0.0128**	**0.0128**		**201.3215**	**201.3215**	**3.8600e-003**	**3.6900e-003**	**202.5179**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	1.71123	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0185**	**0.1678**	**0.1409**	**1.0100e-003**		**0.0128**	**0.0128**		**0.0128**	**0.0128**		**201.3215**	**201.3215**	**3.8600e-003**	**3.6900e-003**	**202.5179**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Unmitigated	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1600e-003	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Total	**1.4247**	**4.1000e-004**	**0.0447**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0958**	**0.0958**	**2.5000e-004**		**0.1021**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1600e-003	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Total	**1.4247**	**4.1000e-004**	**0.0447**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0958**	**0.0958**	**2.5000e-004**		**0.1021**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Covina Kaiser MOB - Los Angeles-South Coast County, Winter

Covina Kaiser MOB

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	60.00	1000sqft	0.72	60,000.00	0
Enclosed Parking Structure	256.00	Space	0.55	92,785.00	0
Other Asphalt Surfaces	50.53	1000sqft	1.16	50,530.00	0
Parking Lot	71.00	Space	0.99	43,009.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	601.59	**CH4 Intensity (lb/MWhr)**	0.025	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted GHG intensity based on SCE 2017 Power Content Label.

Land Use - Project: 60,000 sf MOB, 256-space parking structure w/ elevator, 71-space parking lot

Construction Phase - Adjusted construction phasing/schedule per applicant input

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Trips and VMT - Added water/sweep trucks in Vendor, adjusted hauling trips based on 11,000 CY net export and 16 CY per truck, haul truck one-way trip distance of 6.8 miles (to Waste Management Azusa Land Reclamation)

On-road Fugitive Dust - Default

Grading - 41,000 CY cut, 30,000 CY fill, net export of 11,000 CY (haul trucks #s account for just net export)

Architectural Coating - Default

Vehicle Trips - Default weekday trip rate matches that provided in the TIS

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Area Coating - Default

Energy Use - Adjusted electricity intensity to match forecasted total electricity consumption provided by the applicant. Natural gas intensity values are defaults

Water And Wastewater - Adjusted indoor and outdoor water use to match forecasted total indoor and outdoor water consumption provided by the applicant.

Construction Off-road Equipment Mitigation - Water exposed area 2x per day

Energy Mitigation - On-site renewable energy: 556,200 kWh to be generated by PV panels as provided by applicant

Waste Mitigation - Percent Reduction in Waste Disposed: 50% waste diversion consistent with Assembly Bill 939.

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	8.00	25.00
tblConstructionPhase	NumDays	230.00	200.00
tblConstructionPhase	NumDays	18.00	85.00
tblConstructionPhase	NumDays	18.00	86.00
tblEnergyUse	LightingElect	1.75	0.76
tblEnergyUse	LightingElect	3.77	1.63
tblEnergyUse	LightingElect	0.35	0.15
tblEnergyUse	NT24E	4.62	1.99
tblEnergyUse	T24E	3.92	1.69
tblEnergyUse	T24E	4.60	1.99

tblGrading	MaterialExported	0.00	29,110.00
tblGrading	MaterialExported	0.00	11,890.00
tblGrading	MaterialImported	0.00	21,300.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LandUseSquareFeet	102,400.00	92,785.00
tblLandUse	LandUseSquareFeet	28,400.00	43,009.00
tblLandUse	LotAcreage	1.38	0.72
tblLandUse	LotAcreage	2.30	0.55
tblLandUse	LotAcreage	0.64	0.99
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.025
tblProjectCharacteristics	CO2IntensityFactor	702.44	601.59
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	HaulingTripLength	20.00	6.80
tblTripsAndVMT	HaulingTripLength	20.00	6.80

tblTripsAndVMT	HaulingTripNumber	2,574.00	0.00
tblTripsAndVMT	HaulingTripNumber	6,301.00	1,376.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	40.00	44.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	26.00
tblTripsAndVMT	WorkerTripNumber	20.00	30.00
tblTripsAndVMT	WorkerTripNumber	97.00	180.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblTripsAndVMT	WorkerTripNumber	25.00	20.00
tblVehicleTrips	ST_TR	8.96	8.63
tblVehicleTrips	SU_TR	1.55	1.49
tblVehicleTrips	WD_TR	36.13	34.80
tblWater	IndoorWaterUseRate	7,528,832.25	767,000.00
tblWater	OutdoorWaterUseRate	1,434,063.29	472,507.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.3151	69.2001	38.8126	0.0962	6.1875	2.2629	8.4504	0.7852	2.0827	2.8679	0.0000	9,542.3926	9,542.3926	2.5139	0.0000	9,605.2408
2021	11.4868	35.6668	45.5996	0.0943	2.9038	1.5573	4.4611	0.7777	1.4532	2.2309	0.0000	9,316.5504	9,316.5504	1.7370	0.0000	9,359.9758
Maximum	**11.4868**	**69.2001**	**45.5996**	**0.0962**	**6.1875**	**2.2629**	**8.4504**	**0.7852**	**2.0827**	**2.8679**	**0.0000**	**9,542.3926**	**9,542.3926**	**2.5139**	**0.0000**	**9,605.2408**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.3151	69.2001	38.8126	0.0962	3.1457	2.2629	5.4086	0.7147	2.0827	2.5340	0.0000	9,542.3926	9,542.3926	2.5139	0.0000	9,605.2408
2021	11.4868	35.6668	45.5996	0.0943	2.9038	1.5573	4.4611	0.7777	1.4532	2.2309	0.0000	9,316.5504	9,316.5504	1.7370	0.0000	9,359.9758
Maximum	**11.4868**	**69.2001**	**45.5996**	**0.0962**	**3.1457**	**2.2629**	**5.4086**	**0.7777**	**2.0827**	**2.5340**	**0.0000**	**9,542.3926**	**9,542.3926**	**2.5139**	**0.0000**	**9,605.2408**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**33.46**	**0.00**	**23.56**	**4.51**	**0.00**	**6.55**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Energy	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Mobile	3.2511	15.7735	38.9499	0.1369	11.5168	0.1178	11.6346	3.0821	0.1099	3.1919		13,942.2334	13,942.2334	0.7547		13,961.1005
Total	**4.6943**	**15.9417**	**39.1356**	**0.1379**	**11.5168**	**0.1307**	**11.6475**	**3.0821**	**0.1228**	**3.2049**		**14,143.6507**	**14,143.6507**	**0.7588**	**3.6900e-003**	**14,163.7204**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Energy	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Mobile	3.2511	15.7735	38.9499	0.1369	11.5168	0.1178	11.6346	3.0821	0.1099	3.1919		13,942.2334	13,942.2334	0.7547		13,961.1005
Total	**4.6943**	**15.9417**	**39.1356**	**0.1379**	**11.5168**	**0.1307**	**11.6475**	**3.0821**	**0.1228**	**3.2049**		**14,143.6507**	**14,143.6507**	**0.7588**	**3.6900e-003**	**14,163.7204**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/6/2020	4/17/2020	5	10	
2	Grading	Grading	4/20/2020	5/22/2020	5	25	
3	Trenching	Trenching	5/25/2020	2/26/2021	5	200	
4	Building Construction	Building Construction	5/25/2020	2/26/2021	5	200	
5	Architectural Coating	Architectural Coating	2/1/2021	5/28/2021	5	85	
6	Paving	Paving	3/1/2021	6/28/2021	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 125

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Trenching	Excavators	4	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20

Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Aerial Lifts	2	8.00	63	0.31
Architectural Coating	Air Compressors	2	8.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Excavators	2	8.00	158	0.38
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	6.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	20.00	6.00	0.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Grading	6	26.00	6.00	1,376.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Trenching	8	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	180.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.2329	0.0000	0.2329	0.0353	0.0000	0.0353			0.0000			0.0000
Off-Road	0.8735	8.7281	10.1069	0.0145		0.5162	0.5162		0.4749	0.4749		1,402.4239	1,402.4239	0.4536		1,413.7633
Total	**0.8735**	**8.7281**	**10.1069**	**0.0145**	**0.2329**	**0.5162**	**0.7491**	**0.0353**	**0.4749**	**0.5102**		**1,402.4239**	**1,402.4239**	**0.4536**		**1,413.7633**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.1245**	**0.7106**	**0.9865**	**3.7300e-003**	**0.2620**	**4.9200e-003**	**0.2669**	**0.0704**	**4.6400e-003**	**0.0750**		**383.1535**	**383.1535**	**0.0178**		**383.5983**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1048	0.0000	0.1048	0.0159	0.0000	0.0159			0.0000			0.0000
Off-Road	0.8735	8.7281	10.1069	0.0145		0.5162	0.5162		0.4749	0.4749	0.0000	1,402.4239	1,402.4239	0.4536		1,413.7633
Total	**0.8735**	**8.7281**	**10.1069**	**0.0145**	**0.1048**	**0.5162**	**0.6210**	**0.0159**	**0.4749**	**0.4908**	**0.0000**	**1,402.4239**	**1,402.4239**	**0.4536**		**1,413.7633**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	**0.1245**	**0.7106**	**0.9865**	**3.7300e-003**	**0.2620**	**4.9200e-003**	**0.2669**	**0.0704**	**4.6400e-003**	**0.0750**		**383.1535**	**383.1535**	**0.0178**		**383.5983**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.5305	0.0000	5.5305	0.6071	0.0000	0.6071			0.0000			0.0000
Off-Road	4.9233	59.6594	33.4633	0.0739		2.2379	2.2379		2.0589	2.0589		7,153.4978	7,153.4978	2.3136		7,211.3375
Total	**4.9233**	**59.6594**	**33.4633**	**0.0739**	**5.5305**	**2.2379**	**7.7685**	**0.6071**	**2.0589**	**2.6660**		**7,153.4978**	**7,153.4978**	**2.3136**		**7,211.3375**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.2366	8.8083	1.8619	0.0179	0.3280	0.0195	0.3475	0.0900	0.0186	0.1086		1,939.2961	1,939.2961	0.1805		1,943.8075
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1329	0.0942	1.0426	2.8900e-003	0.2906	2.4300e-003	0.2931	0.0771	2.2400e-003	0.0793		287.9293	287.9293	9.0800e-003		288.1562
Total	**0.3918**	**9.5406**	**3.0890**	**0.0223**	**0.6570**	**0.0250**	**0.6820**	**0.1781**	**0.0238**	**0.2019**		**2,388.8948**	**2,388.8948**	**0.2004**		**2,393.9034**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4887	0.0000	2.4887	0.2732	0.0000	0.2732			0.0000			0.0000
Off-Road	4.9233	59.6594	33.4633	0.0739		2.2379	2.2379		2.0589	2.0589	0.0000	7,153.4978	7,153.4978	2.3136		7,211.3375
Total	**4.9233**	**59.6594**	**33.4633**	**0.0739**	**2.4887**	**2.2379**	**4.7267**	**0.2732**	**2.0589**	**2.3321**	**0.0000**	**7,153.4978**	**7,153.4978**	**2.3136**		**7,211.3375**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2366	8.8083	1.8619	0.0179	0.3280	0.0195	0.3475	0.0900	0.0186	0.1086		1,939.2961	1,939.2961	0.1805		1,943.8075
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1329	0.0942	1.0426	2.8900e-003	0.2906	2.4300e-003	0.2931	0.0771	2.2400e-003	0.0793		287.9293	287.9293	9.0800e-003		288.1562

Total	**0.3918**	**9.5406**	**3.0890**	**0.0223**	**0.6570**	**0.0250**	**0.6820**	**0.1781**	**0.0238**	**0.2019**		**2,388.8948**	**2,388.8948**	**0.2004**		**2,393.9034**

3.4 Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8179	18.0711	22.1900	0.0331		0.9999	0.9999		0.9199	0.9199		3,203.5477	3,203.5477	1.0361		3,229.4500
Total	**1.8179**	**18.0711**	**22.1900**	**0.0331**		**0.9999**	**0.9999**		**0.9199**	**0.9199**		**3,203.5477**	**3,203.5477**	**1.0361**		**3,229.4500**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1533	0.1087	1.2030	3.3400e-003	0.3353	2.8000e-003	0.3381	0.0889	2.5800e-003	0.0915		332.2261	332.2261	0.0105		332.4879
Total	**0.1756**	**0.7468**	**1.3875**	**4.8500e-003**	**0.3737**	**5.8500e-003**	**0.3796**	**0.1000**	**5.5000e-003**	**0.1055**		**493.8956**	**493.8956**	**0.0213**		**494.4276**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8179	18.0711	22.1900	0.0331		0.9999	0.9999		0.9199	0.9199	0.0000	3,203.5477	3,203.5477	1.0361		3,229.4500
Total	**1.8179**	**18.0711**	**22.1900**	**0.0331**		**0.9999**	**0.9999**		**0.9199**	**0.9199**	**0.0000**	**3,203.5477**	**3,203.5477**	**1.0361**		**3,229.4500**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.1533	0.1087	1.2030	3.3400e-003	0.3353	2.8000e-003	0.3381	0.0889	2.5800e-003	0.0915		332.2261	332.2261	0.0105		332.4879
Total	**0.1756**	**0.7468**	**1.3875**	**4.8500e-003**	**0.3737**	**5.8500e-003**	**0.3796**	**0.1000**	**5.5000e-003**	**0.1055**		**493.8956**	**493.8956**	**0.0213**		**494.4276**

3.4 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6658	16.1968	22.1282	0.0331		0.8649	0.8649		0.7957	0.7957		3,204.3682	3,204.3682	1.0364		3,230.2771
Total	**1.6658**	**16.1968**	**22.1282**	**0.0331**		**0.8649**	**0.8649**		**0.7957**	**0.7957**		**3,204.3682**	**3,204.3682**	**1.0364**		**3,230.2771**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.5813	0.1685	1.5000e-003	0.0384	1.2300e-003	0.0396	0.0111	1.1800e-003	0.0122		160.4073	160.4073	0.0104		160.6662
Worker	0.1431	0.0978	1.1048	3.2300e-003	0.3353	2.7100e-003	0.3380	0.0889	2.5000e-003	0.0914		321.6753	321.6753	9.4700e-003		321.9120
Total	**0.1622**	**0.6792**	**1.2732**	**4.7300e-003**	**0.3737**	**3.9400e-003**	**0.3777**	**0.1000**	**3.6800e-003**	**0.1037**		**482.0827**	**482.0827**	**0.0198**		**482.5782**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6658	16.1968	22.1282	0.0331		0.8649	0.8649		0.7957	0.7957	0.0000	3,204.3682	3,204.3682	1.0364		3,230.2771
Total	**1.6658**	**16.1968**	**22.1282**	**0.0331**		**0.8649**	**0.8649**		**0.7957**	**0.7957**	**0.0000**	**3,204.3682**	**3,204.3682**	**1.0364**		**3,230.2771**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.5813	0.1685	1.5000e-003	0.0384	1.2300e-003	0.0396	0.0111	1.1800e-003	0.0122		160.4073	160.4073	0.0104		160.6662
Worker	0.1431	0.0978	1.1048	3.2300e-003	0.3353	2.7100e-003	0.3380	0.0889	2.5000e-003	0.0914		321.6753	321.6753	9.4700e-003		321.9120
Total	**0.1622**	**0.6792**	**1.2732**	**4.7300e-003**	**0.3737**	**3.9400e-003**	**0.3777**	**0.1000**	**3.6800e-003**	**0.1037**		**482.0827**	**482.0827**	**0.0198**		**482.5782**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8206	9.2738	6.6644	0.0122		0.4442	0.4442		0.4087	0.4087		1,180.0910	1,180.0910	0.3817		1,189.6326
Total	**0.8206**	**9.2738**	**6.6644**	**0.0122**		**0.4442**	**0.4442**		**0.4087**	**0.4087**		**1,180.0910**	**1,180.0910**	**0.3817**		**1,189.6326**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1636	4.6794	1.3525	0.0111	0.2817	0.0224	0.3041	0.0811	0.0214	0.1025		1,185.5759	1,185.5759	0.0793		1,187.5578

Worker	0.9198	0.6525	7.2182	0.0200	2.0120	0.0168	2.0288	0.5336	0.0155	0.5491		1,993.3567	1,993.3567	0.0628		1,994.9274
Total	**1.0834**	**5.3319**	**8.5707**	**0.0311**	**2.2937**	**0.0392**	**2.3329**	**0.6147**	**0.0369**	**0.6516**		**3,178.9326**	**3,178.9326**	**0.1421**		**3,182.4853**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8206	9.2738	6.6644	0.0122		0.4442	0.4442		0.4087	0.4087	0.0000	1,180.0910	1,180.0910	0.3817		1,189.6326
Total	**0.8206**	**9.2738**	**6.6644**	**0.0122**		**0.4442**	**0.4442**		**0.4087**	**0.4087**	**0.0000**	**1,180.0910**	**1,180.0910**	**0.3817**		**1,189.6326**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1636	4.6794	1.3525	0.0111	0.2817	0.0224	0.3041	0.0811	0.0214	0.1025		1,185.5759	1,185.5759	0.0793		1,187.5578
Worker	0.9198	0.6525	7.2182	0.0200	2.0120	0.0168	2.0288	0.5336	0.0155	0.5491		1,993.3567	1,993.3567	0.0628		1,994.9274
Total	**1.0834**	**5.3319**	**8.5707**	**0.0311**	**2.2937**	**0.0392**	**2.3329**	**0.6147**	**0.0369**	**0.6516**		**3,178.9326**	**3,178.9326**	**0.1421**		**3,182.4853**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7465	8.4088	6.5067	0.0122		0.3872	0.3872		0.3562	0.3562		1,180.0401	1,180.0401	0.3817		1,189.5813
Total	**0.7465**	**8.4088**	**6.5067**	**0.0122**		**0.3872**	**0.3872**		**0.3562**	**0.3562**		**1,180.0401**	**1,180.0401**	**0.3817**		**1,189.5813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1404	4.2631	1.2354	0.0110	0.2817	9.0200e-003	0.2907	0.0811	8.6200e-003	0.0897		1,176.3203	1,176.3203	0.0759		1,178.2188
Worker	0.8583	0.5871	6.6286	0.0194	2.0120	0.0163	2.0282	0.5336	0.0150	0.5486		1,930.0520	1,930.0520	0.0568		1,931.4718
Total	**0.9987**	**4.8502**	**7.8640**	**0.0304**	**2.2937**	**0.0253**	**2.3189**	**0.6147**	**0.0236**	**0.6383**		**3,106.3723**	**3,106.3723**	**0.1327**		**3,109.6906**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7465	8.4088	6.5067	0.0122		0.3872	0.3872		0.3562	0.3562	0.0000	1,180.0401	1,180.0401	0.3817		1,189.5813

Total	**0.7465**	**8.4088**	**6.5067**	**0.0122**		**0.3872**	**0.3872**		**0.3562**	**0.3562**	**0.0000**	**1,180.0401**	**1,180.0401**	**0.3817**		**1,189.5813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1404	4.2631	1.2354	0.0110	0.2817	9.0200e-003	0.2907	0.0811	8.6200e-003	0.0897		1,176.3203	1,176.3203	0.0759		1,178.2188
Worker	0.8583	0.5871	6.6286	0.0194	2.0120	0.0163	2.0282	0.5336	0.0150	0.5486		1,930.0520	1,930.0520	0.0568		1,931.4718
Total	**0.9987**	**4.8502**	**7.8640**	**0.0304**	**2.2937**	**0.0253**	**2.3189**	**0.6147**	**0.0236**	**0.6383**		**3,106.3723**	**3,106.3723**	**0.1327**		**3,109.6906**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.1531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6587	5.2728	7.0349	0.0113		0.2738	0.2738		0.2720	0.2720		1,075.7678	1,075.7678	0.1567		1,079.6852
Total	**7.8118**	**5.2728**	**7.0349**	**0.0113**		**0.2738**	**0.2738**		**0.2720**	**0.2720**		**1,075.7678**	**1,075.7678**	**0.1567**		**1,079.6852**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1017**	**0.2590**	**0.7927**	**2.6500e-003**	**0.2364**	**2.2200e-003**	**0.2386**	**0.0630**	**2.0500e-003**	**0.0650**		**267.9193**	**267.9193**	**9.7600e-003**		**268.1634**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.1531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6587	5.2728	7.0349	0.0113		0.2738	0.2738		0.2720	0.2720	0.0000	1,075.7678	1,075.7678	0.1567		1,079.6852
Total	**7.8118**	**5.2728**	**7.0349**	**0.0113**		**0.2738**	**0.2738**		**0.2720**	**0.2720**	**0.0000**	**1,075.7678**	**1,075.7678**	**0.1567**		**1,079.6852**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1017**	**0.2590**	**0.7927**	**2.6500e-003**	**0.2364**	**2.2200e-003**	**0.2386**	**0.0630**	**2.0500e-003**	**0.0650**		**267.9193**	**267.9193**	**9.7600e-003**		**268.1634**

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6768	16.3192	19.4282	0.0286		0.9186	0.9186		0.8468	0.8468		2,741.1253	2,741.1253	0.8699		2,762.8727
Paving	0.0655					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7423**	**16.3192**	**19.4282**	**0.0286**		**0.9186**	**0.9186**		**0.8468**	**0.8468**		**2,741.1253**	**2,741.1253**	**0.8699**		**2,762.8727**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.5813	0.1685	1.5000e-003	0.0384	1.2300e-003	0.0396	0.0111	1.1800e-003	0.0122		160.4073	160.4073	0.0104		160.6662
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1145**	**0.6466**	**0.9050**	**3.6500e-003**	**0.2620**	**3.0400e-003**	**0.2650**	**0.0704**	**2.8400e-003**	**0.0732**		**374.8575**	**374.8575**	**0.0167**		**375.2742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6768	16.3192	19.4282	0.0286		0.9186	0.9186		0.8468	0.8468	0.0000	2,741.1253	2,741.1253	0.8699		2,762.8727
Paving	0.0655					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7423**	**16.3192**	**19.4282**	**0.0286**		**0.9186**	**0.9186**		**0.8468**	**0.8468**	**0.0000**	**2,741.1253**	**2,741.1253**	**0.8699**		**2,762.8727**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.5813	0.1685	1.5000e-003	0.0384	1.2300e-003	0.0396	0.0111	1.1800e-003	0.0122		160.4073	160.4073	0.0104		160.6662
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.1145**	**0.6466**	**0.9050**	**3.6500e-003**	**0.2620**	**3.0400e-003**	**0.2650**	**0.0704**	**2.8400e-003**	**0.0732**		**374.8575**	**374.8575**	**0.0167**		**375.2742**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.2511	15.7735	38.9499	0.1369	11.5168	0.1178	11.6346	3.0821	0.1099	3.1919		13,942.2334	13,942.2334	0.7547		13,961.1005
Unmitigated	3.2511	15.7735	38.9499	0.1369	11.5168	0.1178	11.6346	3.0821	0.1099	3.1919		13,942.2334	13,942.2334	0.7547		13,961.1005

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Medical Office Building	2,088.00	517.80	89.40	4,093,553	4,093,553
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,088.00	517.80	89.40	4,093,553	4,093,553

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Medical Office Building	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Other Asphalt Surfaces	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Parking Lot	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
NaturalGas Unmitigated	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	1711.23	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0185**	**0.1678**	**0.1409**	**1.0100e-003**		**0.0128**	**0.0128**		**0.0128**	**0.0128**		**201.3215**	**201.3215**	**3.8600e-003**	**3.6900e-003**	**202.5179**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	1.71123	0.0185	0.1678	0.1409	1.0100e-003		0.0128	0.0128		0.0128	0.0128		201.3215	201.3215	3.8600e-003	3.6900e-003	202.5179
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0185**	**0.1678**	**0.1409**	**1.0100e-003**		**0.0128**	**0.0128**		**0.0128**	**0.0128**		**201.3215**	**201.3215**	**3.8600e-003**	**3.6900e-003**	**202.5179**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Unmitigated	1.4247	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1600e-003	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Total	**1.4247**	**4.1000e-004**	**0.0447**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0958**	**0.0958**	**2.5000e-004**		**0.1021**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.1600e-003	4.1000e-004	0.0447	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0958	0.0958	2.5000e-004		0.1021
Total	**1.4247**	**4.1000e-004**	**0.0447**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0958**	**0.0958**	**2.5000e-004**		**0.1021**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Covina Kaiser MOB

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	60.00	1000sqft	0.72	60,000.00	0
Enclosed Parking Structure	256.00	Space	0.55	92,785.00	0
Other Asphalt Surfaces	50.53	1000sqft	1.16	50,530.00	0
Parking Lot	71.00	Space	0.99	43,009.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	601.59	**CH4 Intensity (lb/MWhr)**	0.025	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted GHG intensity based on SCE 2017 Power Content Label.

Land Use - Project: 60,000 sf MOB, 256-space parking structure w/ elevator, 71-space parking lot

Construction Phase - Adjusted construction phasing/schedule per applicant input

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Trips and VMT - Added water/sweep trucks in Vendor, adjusted hauling trips based on 11,000 CY net export and 16 CY per truck, haul truck one-way trip distance of 6.8 miles (to Waste Management Azusa Land Reclamation)

On-road Fugitive Dust - Default

Grading - 41,000 CY cut, 30,000 CY fill, net export of 11,000 CY (haul trucks #s account for just net export)

Architectural Coating - Default

Vehicle Trips - Default weekday trip rate matches that provided in the TIS

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Area Coating - Default

Energy Use - Adjusted electricity intensity to match forecasted total electricity consumption provided by the applicant. Natural gas intensity values are defaults

Water And Wastewater - Adjusted indoor and outdoor water use to match forecasted total indoor and outdoor water consumption provided by the applicant.

Construction Off-road Equipment Mitigation - Water exposed area 2x per day

Energy Mitigation - On-site renewable energy: 556,200 kWh to be generated by PV panels as provided by applicant

Waste Mitigation - Percent Reduction in Waste Disposed: 50% waste diversion consistent with Assembly Bill 939.

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	8.00	25.00
tblConstructionPhase	NumDays	230.00	200.00
tblConstructionPhase	NumDays	18.00	85.00
tblConstructionPhase	NumDays	18.00	86.00
tblEnergyUse	LightingElect	1.75	0.76
tblEnergyUse	LightingElect	3.77	1.63
tblEnergyUse	LightingElect	0.35	0.15
tblEnergyUse	NT24E	4.62	1.99
tblEnergyUse	T24E	3.92	1.69
tblEnergyUse	T24E	4.60	1.99

tblGrading	MaterialExported	0.00	29,110.00
tblGrading	MaterialExported	0.00	11,890.00
tblGrading	MaterialImported	0.00	21,300.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LandUseSquareFeet	102,400.00	92,785.00
tblLandUse	LandUseSquareFeet	28,400.00	43,009.00
tblLandUse	LotAcreage	1.38	0.72
tblLandUse	LotAcreage	2.30	0.55
tblLandUse	LotAcreage	0.64	0.99
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.025
tblProjectCharacteristics	CO2IntensityFactor	702.44	601.59
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	HaulingTripLength	20.00	6.80
tblTripsAndVMT	HaulingTripLength	20.00	6.80

tblTripsAndVMT	HaulingTripNumber	2,574.00	0.00
tblTripsAndVMT	HaulingTripNumber	6,301.00	1,376.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	40.00	44.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	26.00
tblTripsAndVMT	WorkerTripNumber	20.00	30.00
tblTripsAndVMT	WorkerTripNumber	97.00	180.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblTripsAndVMT	WorkerTripNumber	25.00	20.00
tblVehicleTrips	ST_TR	8.96	8.63
tblVehicleTrips	SU_TR	1.55	1.49
tblVehicleTrips	WD_TR	36.13	34.80
tblWater	IndoorWaterUseRate	7,528,832.25	767,000.00
tblWater	OutdoorWaterUseRate	1,434,063.29	472,507.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3724	3.5816	3.6088	7.8100e-003	0.2876	0.1493	0.4369	0.0661	0.1374	0.2035	0.0000	702.3717	702.3717	0.1445	0.0000	705.9833
2021	0.4865	1.5854	1.9855	3.6400e-003	0.0745	0.0776	0.1522	0.0200	0.0724	0.0923	0.0000	323.1472	323.1472	0.0702	0.0000	324.9013
Maximum	**0.4865**	**3.5816**	**3.6088**	**7.8100e-003**	**0.2876**	**0.1493**	**0.4369**	**0.0661**	**0.1374**	**0.2035**	**0.0000**	**702.3717**	**702.3717**	**0.1445**	**0.0000**	**705.9833**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3724	3.5816	3.6088	7.8100e-003	0.2490	0.1493	0.3982	0.0619	0.1374	0.1993	0.0000	702.3712	702.3712	0.1445	0.0000	705.9828
2021	0.4865	1.5854	1.9855	3.6400e-003	0.0745	0.0776	0.1522	0.0200	0.0724	0.0923	0.0000	323.1469	323.1469	0.0702	0.0000	324.9011
Maximum	**0.4865**	**3.5816**	**3.6088**	**7.8100e-003**	**0.2490**	**0.1493**	**0.3982**	**0.0619**	**0.1374**	**0.1993**	**0.0000**	**702.3712**	**702.3712**	**0.1445**	**0.0000**	**705.9828**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**10.68**	**0.00**	**6.56**	**4.96**	**0.00**	**1.44**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**4-6-2020**	**7-5-2020**	1.4802	1.4802
2	**7-6-2020**	**10-5-2020**	1.2204	1.2204
3	**10-6-2020**	**1-5-2021**	1.2198	1.2198
4	**1-6-2021**	**4-5-2021**	1.1753	1.1753
5	**4-6-2021**	**7-5-2021**	0.8184	0.8184
		Highest	1.4802	1.4802

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Energy	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	188.9729	188.9729	7.1100e-003	1.9000e-003	189.7182
Mobile	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Waste						0.0000	0.0000		0.0000	0.0000	131.5381	0.0000	131.5381	7.7737	0.0000	325.8802
Water						0.0000	0.0000		0.0000	0.0000	0.2433	4.1577	4.4011	0.0252	6.2000e-004	5.2164
Total	**0.6986**	**2.2401**	**5.4519**	**0.0193**	**1.5537**	**0.0185**	**1.5722**	**0.4165**	**0.0174**	**0.4339**	**131.7815**	**1,958.6424**	**2,090.4238**	**7.8996**	**2.5200e-003**	**2,288.6668**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Energy	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	37.1990	37.1990	8.0000e-004	6.4000e-004	37.4106
Mobile	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Waste						0.0000	0.0000		0.0000	0.0000	65.7691	0.0000	65.7691	3.8868	0.0000	162.9401
Water						0.0000	0.0000		0.0000	0.0000	0.2433	4.1577	4.4011	0.0252	6.2000e-004	5.2164
Total	**0.6986**	**2.2401**	**5.4519**	**0.0193**	**1.5537**	**0.0185**	**1.5722**	**0.4165**	**0.0174**	**0.4339**	**66.0124**	**1,806.8684**	**1,872.8808**	**4.0064**	**1.2600e-003**	**1,973.4191**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**49.91**	**7.75**	**10.41**	**49.28**	**50.00**	**13.77**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/6/2020	4/17/2020	5	10	
2	Grading	Grading	4/20/2020	5/22/2020	5	25	
3	Trenching	Trenching	5/25/2020	2/26/2021	5	200	
4	Building Construction	Building Construction	5/25/2020	2/26/2021	5	200	
5	Architectural Coating	Architectural Coating	2/1/2021	5/28/2021	5	85	
6	Paving	Paving	3/1/2021	6/28/2021	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 125

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Trenching	Excavators	4	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Aerial Lifts	2	8.00	63	0.31
Architectural Coating	Air Compressors	2	8.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Excavators	2	8.00	158	0.38
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	6.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	20.00	6.00	0.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Grading	6	26.00	6.00	1,376.00	14.70	6.90	6.80	LD_Mix	HDT_Mix	HHDT
Trenching	8	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	180.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1600e-003	0.0000	1.1600e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	4.3700e-003	0.0436	0.0505	7.0000e-005		2.5800e-003	2.5800e-003		2.3700e-003	2.3700e-003	0.0000	6.3613	6.3613	2.0600e-003	0.0000	6.4127
Total	**4.3700e-003**	**0.0436**	**0.0505**	**7.0000e-005**	**1.1600e-003**	**2.5800e-003**	**3.7400e-003**	**1.8000e-004**	**2.3700e-003**	**2.5500e-003**	**0.0000**	**6.3613**	**6.3613**	**2.0600e-003**	**0.0000**	**6.4127**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	4.6000e-004	3.7000e-004	4.1200e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0214	1.0214	3.0000e-005	0.0000	1.0222
Total	**5.7000e-004**	**3.6200e-003**	**5.0000e-003**	**2.0000e-005**	**1.2900e-003**	**3.0000e-005**	**1.3100e-003**	**3.4000e-004**	**2.0000e-005**	**3.7000e-004**	**0.0000**	**1.7666**	**1.7666**	**8.0000e-005**	**0.0000**	**1.7686**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.2000e-004	0.0000	5.2000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0436	0.0505	7.0000e-005		2.5800e-003	2.5800e-003		2.3700e-003	2.3700e-003	0.0000	6.3613	6.3613	2.0600e-003	0.0000	6.4127
Total	**4.3700e-003**	**0.0436**	**0.0505**	**7.0000e-005**	**5.2000e-004**	**2.5800e-003**	**3.1000e-003**	**8.0000e-005**	**2.3700e-003**	**2.4500e-003**	**0.0000**	**6.3613**	**6.3613**	**2.0600e-003**	**0.0000**	**6.4127**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	4.6000e-004	3.7000e-004	4.1200e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0214	1.0214	3.0000e-005	0.0000	1.0222
Total	**5.7000e-004**	**3.6200e-003**	**5.0000e-003**	**2.0000e-005**	**1.2900e-003**	**3.0000e-005**	**1.3100e-003**	**3.4000e-004**	**2.0000e-005**	**3.7000e-004**	**0.0000**	**1.7666**	**1.7666**	**8.0000e-005**	**0.0000**	**1.7686**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0691	0.0000	0.0691	7.5900e-003	0.0000	7.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0615	0.7457	0.4183	9.2000e-004		0.0280	0.0280		0.0257	0.0257	0.0000	81.1193	81.1193	0.0262	0.0000	81.7752
Total	**0.0615**	**0.7457**	**0.4183**	**9.2000e-004**	**0.0691**	**0.0280**	**0.0971**	**7.5900e-003**	**0.0257**	**0.0333**	**0.0000**	**81.1193**	**81.1193**	**0.0262**	**0.0000**	**81.7752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8700e-003	0.1125	0.0217	2.3000e-004	4.0300e-003	2.4000e-004	4.2700e-003	1.1100e-003	2.3000e-004	1.3400e-003	0.0000	22.5248	22.5248	1.9700e-003	0.0000	22.5741

Vendor	2.7000e-004	8.1300e-003	2.2000e-003	2.0000e-005	4.7000e-004	4.0000e-005	5.1000e-004	1.4000e-004	4.0000e-005	1.7000e-004	0.0000	1.8632	1.8632	1.2000e-004	0.0000	1.8662
Worker	1.5000e-003	1.2100e-003	0.0134	4.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	3.3194	3.3194	1.0000e-004	0.0000	3.3220
Total	**4.6400e-003**	**0.1218**	**0.0373**	**2.9000e-004**	**8.0600e-003**	**3.1000e-004**	**8.3700e-003**	**2.2000e-003**	**3.0000e-004**	**2.4800e-003**	**0.0000**	**27.7074**	**27.7074**	**2.1900e-003**	**0.0000**	**27.7622**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0311	0.0000	0.0311	3.4100e-003	0.0000	3.4100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0615	0.7457	0.4183	9.2000e-004		0.0280	0.0280		0.0257	0.0257	0.0000	81.1192	81.1192	0.0262	0.0000	81.7751
Total	**0.0615**	**0.7457**	**0.4183**	**9.2000e-004**	**0.0311**	**0.0280**	**0.0591**	**3.4100e-003**	**0.0257**	**0.0292**	**0.0000**	**81.1192**	**81.1192**	**0.0262**	**0.0000**	**81.7751**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8700e-003	0.1125	0.0217	2.3000e-004	4.0300e-003	2.4000e-004	4.2700e-003	1.1100e-003	2.3000e-004	1.3400e-003	0.0000	22.5248	22.5248	1.9700e-003	0.0000	22.5741
Vendor	2.7000e-004	8.1300e-003	2.2000e-003	2.0000e-005	4.7000e-004	4.0000e-005	5.1000e-004	1.4000e-004	4.0000e-005	1.7000e-004	0.0000	1.8632	1.8632	1.2000e-004	0.0000	1.8662
Worker	1.5000e-003	1.2100e-003	0.0134	4.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	3.3194	3.3194	1.0000e-004	0.0000	3.3220
Total	**4.6400e-003**	**0.1218**	**0.0373**	**2.9000e-004**	**8.0600e-003**	**3.1000e-004**	**8.3700e-003**	**2.2000e-003**	**3.0000e-004**	**2.4800e-003**	**0.0000**	**27.7074**	**27.7074**	**2.1900e-003**	**0.0000**	**27.7622**

3.4 Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1445	1.4367	1.7641	2.6300e-003		0.0795	0.0795		0.0731	0.0731	0.0000	231.0437	231.0437	0.0747	0.0000	232.9118
Total	**0.1445**	**1.4367**	**1.7641**	**2.6300e-003**		**0.0795**	**0.0795**		**0.0731**	**0.0731**	**0.0000**	**231.0437**	**231.0437**	**0.0747**	**0.0000**	**232.9118**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7300e-003	0.0517	0.0140	1.2000e-004	3.0000e-003	2.4000e-004	3.2400e-003	8.7000e-004	2.3000e-004	1.1000e-003	0.0000	11.8499	11.8499	7.5000e-004	0.0000	11.8688
Worker	0.0110	8.8800e-003	0.0982	2.7000e-004	0.0261	2.2000e-004	0.0264	6.9400e-003	2.1000e-004	7.1500e-003	0.0000	24.3592	24.3592	7.7000e-004	0.0000	24.3784
Total	**0.0127**	**0.0606**	**0.1122**	**3.9000e-004**	**0.0291**	**4.6000e-004**	**0.0296**	**7.8100e-003**	**4.4000e-004**	**8.2500e-003**	**0.0000**	**36.2091**	**36.2091**	**1.5200e-003**	**0.0000**	**36.2472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1445	1.4367	1.7641	2.6300e-003		0.0795	0.0795		0.0731	0.0731	0.0000	231.0434	231.0434	0.0747	0.0000	232.9115

Total	**0.1445**	**1.4367**	**1.7641**	**2.6300e-003**		**0.0795**	**0.0795**		**0.0731**	**0.0731**	**0.0000**	**231.0434**	**231.0434**	**0.0747**	**0.0000**	**232.9115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7300e-003	0.0517	0.0140	1.2000e-004	3.0000e-003	2.4000e-004	3.2400e-003	8.7000e-004	2.3000e-004	1.1000e-003	0.0000	11.8499	11.8499	7.5000e-004	0.0000	11.8688
Worker	0.0110	8.8800e-003	0.0982	2.7000e-004	0.0261	2.2000e-004	0.0264	6.9400e-003	2.1000e-004	7.1500e-003	0.0000	24.3592	24.3592	7.7000e-004	0.0000	24.3784
Total	**0.0127**	**0.0606**	**0.1122**	**3.9000e-004**	**0.0291**	**4.6000e-004**	**0.0296**	**7.8100e-003**	**4.4000e-004**	**8.2500e-003**	**0.0000**	**36.2091**	**36.2091**	**1.5200e-003**	**0.0000**	**36.2472**

3.4 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0342	0.3320	0.4536	6.8000e-004		0.0177	0.0177		0.0163	0.0163	0.0000	59.5926	59.5926	0.0193	0.0000	60.0744
Total	**0.0342**	**0.3320**	**0.4536**	**6.8000e-004**		**0.0177**	**0.0177**		**0.0163**	**0.0163**	**0.0000**	**59.5926**	**59.5926**	**0.0193**	**0.0000**	**60.0744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0121	3.2900e-003	3.0000e-005	7.7000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	3.0319	3.0319	1.9000e-004	0.0000	3.0366
Worker	2.6500e-003	2.0600e-003	0.0233	7.0000e-005	6.7400e-003	6.0000e-005	6.7900e-003	1.7900e-003	5.0000e-005	1.8400e-003	0.0000	6.0818	6.0818	1.8000e-004	0.0000	6.0863
Total	**3.0300e-003**	**0.0142**	**0.0266**	**1.0000e-004**	**7.5100e-003**	**8.0000e-005**	**7.5900e-003**	**2.0100e-003**	**7.0000e-005**	**2.0900e-003**	**0.0000**	**9.1138**	**9.1138**	**3.7000e-004**	**0.0000**	**9.1229**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0342	0.3320	0.4536	6.8000e-004		0.0177	0.0177		0.0163	0.0163	0.0000	59.5925	59.5925	0.0193	0.0000	60.0743
Total	**0.0342**	**0.3320**	**0.4536**	**6.8000e-004**		**0.0177**	**0.0177**		**0.0163**	**0.0163**	**0.0000**	**59.5925**	**59.5925**	**0.0193**	**0.0000**	**60.0743**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	3.8000e-004	0.0121	3.2900e-003	3.0000e-005	7.7000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	3.0319	3.0319	1.9000e-004	0.0000	3.0366
Worker	2.6500e-003	2.0600e-003	0.0233	7.0000e-005	6.7400e-003	6.0000e-005	6.7900e-003	1.7900e-003	5.0000e-005	1.8400e-003	0.0000	6.0818	6.0818	1.8000e-004	0.0000	6.0863
Total	**3.0300e-003**	**0.0142**	**0.0266**	**1.0000e-004**	**7.5100e-003**	**8.0000e-005**	**7.5900e-003**	**2.0100e-003**	**7.0000e-005**	**2.0900e-003**	**0.0000**	**9.1138**	**9.1138**	**3.7000e-004**	**0.0000**	**9.1229**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0652	0.7373	0.5298	9.7000e-004		0.0353	0.0353		0.0325	0.0325	0.0000	85.1096	85.1096	0.0275	0.0000	85.7977
Total	**0.0652**	**0.7373**	**0.5298**	**9.7000e-004**		**0.0353**	**0.0353**		**0.0325**	**0.0325**	**0.0000**	**85.1096**	**85.1096**	**0.0275**	**0.0000**	**85.7977**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.3791	0.1026	9.0000e-004	0.0220	1.7600e-003	0.0238	6.3600e-003	1.6900e-003	8.0500e-003	0.0000	86.8995	86.8995	5.5200e-003	0.0000	87.0375
Worker	0.0661	0.0533	0.5891	1.6200e-003	0.1568	1.3400e-003	0.1582	0.0417	1.2300e-003	0.0429	0.0000	146.1553	146.1553	4.6100e-003	0.0000	146.2704
Total	**0.0788**	**0.4323**	**0.6917**	**2.5200e-003**	**0.1788**	**3.1000e-003**	**0.1820**	**0.0480**	**2.9200e-003**	**0.0509**	**0.0000**	**233.0547**	**233.0547**	**0.0101**	**0.0000**	**233.3079**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0652	0.7373	0.5298	9.7000e-004		0.0353	0.0353		0.0325	0.0325	0.0000	85.1095	85.1095	0.0275	0.0000	85.7976
Total	**0.0652**	**0.7373**	**0.5298**	**9.7000e-004**		**0.0353**	**0.0353**		**0.0325**	**0.0325**	**0.0000**	**85.1095**	**85.1095**	**0.0275**	**0.0000**	**85.7976**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0127	0.3791	0.1026	9.0000e-004	0.0220	1.7600e-003	0.0238	6.3600e-003	1.6900e-003	8.0500e-003	0.0000	86.8995	86.8995	5.5200e-003	0.0000	87.0375
Worker	0.0661	0.0533	0.5891	1.6200e-003	0.1568	1.3400e-003	0.1582	0.0417	1.2300e-003	0.0429	0.0000	146.1553	146.1553	4.6100e-003	0.0000	146.2704
Total	**0.0788**	**0.4323**	**0.6917**	**2.5200e-003**	**0.1788**	**3.1000e-003**	**0.1820**	**0.0480**	**2.9200e-003**	**0.0509**	**0.0000**	**233.0547**	**233.0547**	**0.0101**	**0.0000**	**233.3079**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.1724	0.1334	2.5000e-004		7.9400e-003	7.9400e-003		7.3000e-003	7.3000e-003	0.0000	21.9456	21.9456	7.1000e-003	0.0000	22.1230

Total	**0.0153**	**0.1724**	**0.1334**	**2.5000e-004**		**7.9400e-003**	**7.9400e-003**		**7.3000e-003**	**7.3000e-003**	**0.0000**	**21.9456**	**21.9456**	**7.1000e-003**	**0.0000**	**22.1230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-003	0.0890	0.0241	2.3000e-004	5.6800e-003	1.8000e-004	5.8600e-003	1.6400e-003	1.7000e-004	1.8100e-003	0.0000	22.2340	22.2340	1.3600e-003	0.0000	22.2681
Worker	0.0159	0.0124	0.1395	4.0000e-004	0.0404	3.3000e-004	0.0408	0.0107	3.1000e-004	0.0111	0.0000	36.4910	36.4910	1.0700e-003	0.0000	36.5179
Total	**0.0187**	**0.1014**	**0.1637**	**6.3000e-004**	**0.0461**	**5.1000e-004**	**0.0466**	**0.0124**	**4.8000e-004**	**0.0129**	**0.0000**	**58.7250**	**58.7250**	**2.4300e-003**	**0.0000**	**58.7860**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.1724	0.1334	2.5000e-004		7.9400e-003	7.9400e-003		7.3000e-003	7.3000e-003	0.0000	21.9455	21.9455	7.1000e-003	0.0000	22.1230
Total	**0.0153**	**0.1724**	**0.1334**	**2.5000e-004**		**7.9400e-003**	**7.9400e-003**		**7.3000e-003**	**7.3000e-003**	**0.0000**	**21.9455**	**21.9455**	**7.1000e-003**	**0.0000**	**22.1230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-003	0.0890	0.0241	2.3000e-004	5.6800e-003	1.8000e-004	5.8600e-003	1.6400e-003	1.7000e-004	1.8100e-003	0.0000	22.2340	22.2340	1.3600e-003	0.0000	22.2681
Worker	0.0159	0.0124	0.1395	4.0000e-004	0.0404	3.3000e-004	0.0408	0.0107	3.1000e-004	0.0111	0.0000	36.4910	36.4910	1.0700e-003	0.0000	36.5179
Total	**0.0187**	**0.1014**	**0.1637**	**6.3000e-004**	**0.0461**	**5.1000e-004**	**0.0466**	**0.0124**	**4.8000e-004**	**0.0129**	**0.0000**	**58.7250**	**58.7250**	**2.4300e-003**	**0.0000**	**58.7860**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0280	0.2241	0.2990	4.8000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	41.4766	41.4766	6.0400e-003	0.0000	41.6276
Total	**0.3320**	**0.2241**	**0.2990**	**4.8000e-004**		**0.0116**	**0.0116**		**0.0116**	**0.0116**	**0.0000**	**41.4766**	**41.4766**	**6.0400e-003**	**0.0000**	**41.6276**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	2.6000e-004	8.3900e-003	2.2700e-003	2.0000e-005	5.4000e-004	2.0000e-005	5.5000e-004	1.5000e-004	2.0000e-005	1.7000e-004	0.0000	2.0952	2.0952	1.3000e-004	0.0000	2.0984
Worker	3.6600e-003	2.8500e-003	0.0321	9.0000e-005	9.3100e-003	8.0000e-005	9.3900e-003	2.4700e-003	7.0000e-005	2.5400e-003	0.0000	8.4058	8.4058	2.5000e-004	0.0000	8.4120
Total	**3.9200e-003**	**0.0112**	**0.0344**	**1.1000e-004**	**9.8500e-003**	**1.0000e-004**	**9.9400e-003**	**2.6200e-003**	**9.0000e-005**	**2.7100e-003**	**0.0000**	**10.5010**	**10.5010**	**3.8000e-004**	**0.0000**	**10.5104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0280	0.2241	0.2990	4.8000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	41.4766	41.4766	6.0400e-003	0.0000	41.6276
Total	**0.3320**	**0.2241**	**0.2990**	**4.8000e-004**		**0.0116**	**0.0116**		**0.0116**	**0.0116**	**0.0000**	**41.4766**	**41.4766**	**6.0400e-003**	**0.0000**	**41.6276**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.3900e-003	2.2700e-003	2.0000e-005	5.4000e-004	2.0000e-005	5.5000e-004	1.5000e-004	2.0000e-005	1.7000e-004	0.0000	2.0952	2.0952	1.3000e-004	0.0000	2.0984
Worker	3.6600e-003	2.8500e-003	0.0321	9.0000e-005	9.3100e-003	8.0000e-005	9.3900e-003	2.4700e-003	7.0000e-005	2.5400e-003	0.0000	8.4058	8.4058	2.5000e-004	0.0000	8.4120
Total	**3.9200e-003**	**0.0112**	**0.0344**	**1.1000e-004**	**9.8500e-003**	**1.0000e-004**	**9.9400e-003**	**2.6200e-003**	**9.0000e-005**	**2.7100e-003**	**0.0000**	**10.5010**	**10.5010**	**3.8000e-004**	**0.0000**	**10.5104**

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0721	0.7017	0.8354	1.2300e-003		0.0395	0.0395		0.0364	0.0364	0.0000	106.9284	106.9284	0.0339	0.0000	107.7767
Paving	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0749**	**0.7017**	**0.8354**	**1.2300e-003**		**0.0395**	**0.0395**		**0.0364**	**0.0364**	**0.0000**	**106.9284**	**106.9284**	**0.0339**	**0.0000**	**107.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-004	0.0255	6.9000e-003	7.0000e-005	1.6300e-003	5.0000e-005	1.6800e-003	4.7000e-004	5.0000e-005	5.2000e-004	0.0000	6.3596	6.3596	3.9000e-004	0.0000	6.3694
Worker	3.7000e-003	2.8800e-003	0.0325	9.0000e-005	9.4200e-003	8.0000e-005	9.5000e-003	2.5000e-003	7.0000e-005	2.5700e-003	0.0000	8.5047	8.5047	2.5000e-004	0.0000	8.5109
Total	**4.5000e-003**	**0.0283**	**0.0394**	**1.6000e-004**	**0.0111**	**1.3000e-004**	**0.0112**	**2.9700e-003**	**1.2000e-004**	**3.0900e-003**	**0.0000**	**14.8643**	**14.8643**	**6.4000e-004**	**0.0000**	**14.8803**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0721	0.7017	0.8354	1.2300e-003		0.0395	0.0395		0.0364	0.0364	0.0000	106.9283	106.9283	0.0339	0.0000	107.7766

Paving	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0749**	**0.7017**	**0.8354**	**1.2300e-003**		**0.0395**	**0.0395**		**0.0364**	**0.0364**	**0.0000**	**106.9283**	**106.9283**	**0.0339**	**0.0000**	**107.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-004	0.0255	6.9000e-003	7.0000e-005	1.6300e-003	5.0000e-005	1.6800e-003	4.7000e-004	5.0000e-005	5.2000e-004	0.0000	6.3596	6.3596	3.9000e-004	0.0000	6.3694
Worker	3.7000e-003	2.8800e-003	0.0325	9.0000e-005	9.4200e-003	8.0000e-005	9.5000e-003	2.5000e-003	7.0000e-005	2.5700e-003	0.0000	8.5047	8.5047	2.5000e-004	0.0000	8.5109
Total	**4.5000e-003**	**0.0283**	**0.0394**	**1.6000e-004**	**0.0111**	**1.3000e-004**	**0.0112**	**2.9700e-003**	**1.2000e-004**	**3.0900e-003**	**0.0000**	**14.8643**	**14.8643**	**6.4000e-004**	**0.0000**	**14.8803**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Unmitigated	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Medical Office Building	2,088.00	517.80	89.40	4,093,553	4,093,553
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,088.00	517.80	89.40	4,093,553	4,093,553

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Medical Office Building	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Other Asphalt Surfaces	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Parking Lot	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.8679	3.8679	1.6000e-004	3.0000e-005	3.8815
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	155.6419	155.6419	6.4700e-003	1.2900e-003	156.1891
NaturalGas Mitigated	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
NaturalGas Unmitigated	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	624600	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.3700e-003**	**0.0306**	**0.0257**	**1.8000e-004**		**2.3300e-003**	**2.3300e-003**		**2.3300e-003**	**2.3300e-003**	**0.0000**	**33.3310**	**33.3310**	**6.4000e-004**	**6.1000e-004**	**33.5291**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	624600	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.3700e-003**	**0.0306**	**0.0257**	**1.8000e-004**		**2.3300e-003**	**2.3300e-003**		**2.3300e-003**	**2.3300e-003**	**0.0000**	**33.3310**	**33.3310**	**6.4000e-004**	**6.1000e-004**	**33.5291**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	227323	62.0312	2.5800e-003	5.2000e-004	62.2493
Medical Office Building	336600	91.8503	3.8200e-003	7.6000e-004	92.1732
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6451.35	1.7604	7.0000e-005	1.0000e-005	1.7666
Total		**155.6419**	**6.4700e-003**	**1.2900e-003**	**156.1891**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	88273.3	24.0877	1.0000e-003	2.0000e-004	24.1724

Medical Office Building	197550	53.9068	2.2400e-003	4.5000e-004	54.0963
Other Asphalt Surfaces	-139050	-37.9435	-0.0016	-0.0003	-38.0769
Parking Lot	-132599	-36.1831	-0.0015	-0.0003	-36.3103
Total		**3.8679**	**1.6000e-004**	**3.0000e-005**	**3.8815**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Unmitigated	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0304					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	5.2000e-004	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Total	**0.2598**	**5.0000e-005**	**5.5900e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0109**	**0.0109**	**3.0000e-005**	**0.0000**	**0.0116**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0304					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Total	**0.2598**	**5.0000e-005**	**5.5900e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0109**	**0.0109**	**3.0000e-005**	**0.0000**	**0.0116**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.4011	0.0252	6.2000e-004	5.2164
Unmitigated	4.4011	0.0252	6.2000e-004	5.2164

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.767 / 0.472507	4.4011	0.0252	6.2000e-004	5.2164
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**4.4011**	**0.0252**	**6.2000e-004**	**5.2164**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.767 / 0.472507	4.4011	0.0252	6.2000e-004	5.2164
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**4.4011**	**0.0252**	**6.2000e-004**	**5.2164**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	65.7691	3.8868	0.0000	162.9401
Unmitigated	131.5381	7.7737	0.0000	325.8802

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	648	131.5381	7.7737	0.0000	325.8802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**131.5381**	**7.7737**	**0.0000**	**325.8802**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	324	65.7691	3.8868	0.0000	162.9401
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**65.7691**	**3.8868**	**0.0000**	**162.9401**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/9/2019 9:49 AM

Covina Kaiser MOB

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	No Change	0	4	No Change	0.00
Air Compressors	Diesel	No Change	0	2	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	2	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	7	No Change	0.00
Forklifts	Diesel	No Change	0	2	No Change	0.00
Generator Sets	Diesel	No Change	0	0	No Change	0.00
Graders	Diesel	No Change	0	2	No Change	0.00

Pavers	Diesel	No Change	0	0	No Change	0.00
Paving Equipment	Diesel	No Change	0	0	No Change	0.00
Rollers	Diesel	No Change	0	3	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	0	No Change	0.00
Scrapers	Diesel	No Change	0	4	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	10	No Change	0.00
Welders	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Aerial Lifts	1.10200E-002	1.78020E-001	3.11840E-001	4.80000E-004	3.72000E-003	3.42000E-003	0.00000E+000	4.20450E+001	4.20450E+001	1.36000E-002	0.00000E+000	4.23849E+001
Air Compressors	2.48100E-002	1.73040E-001	2.05990E-001	3.40000E-004	1.06600E-002	1.06600E-002	0.00000E+000	2.89369E+001	2.89369E+001	1.99000E-003	0.00000E+000	2.89865E+001
Cement and Mortar Mixers	3.79000E-003	2.37500E-002	1.98900E-002	5.00000E-005	9.20000E-004	9.20000E-004	0.00000E+000	2.95588E+000	2.95588E+000	3.10000E-004	0.00000E+000	2.96355E+000
Cranes	4.45100E-002	5.28040E-001	2.08820E-001	5.80000E-004	2.17100E-002	1.99700E-002	0.00000E+000	5.06916E+001	5.06916E+001	1.63900E-002	0.00000E+000	5.11015E+001
Excavators	1.17630E-001	1.14105E+000	1.60517E+000	2.54000E-003	5.52900E-002	5.08700E-002	0.00000E+000	2.22778E+002	2.22778E+002	7.20500E-002	0.00000E+000	2.24579E+002
Forklifts	2.82000E-002	2.54650E-001	2.35540E-001	3.10000E-004	1.88000E-002	1.73000E-002	0.00000E+000	2.68583E+001	2.68583E+001	8.69000E-003	0.00000E+000	2.70754E+001
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	1.19000E-002	1.58140E-001	4.53600E-002	1.70000E-004	5.06000E-003	4.65000E-003	0.00000E+000	1.45766E+001	1.45766E+001	4.71000E-003	0.00000E+000	1.46945E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	2.44500E-002	2.48230E-001	2.42580E-001	3.40000E-004	1.51700E-002	1.39600E-002	0.00000E+000	2.97352E+001	2.97352E+001	9.62000E-003	0.00000E+000	2.99756E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	4.96500E-002	5.87600E-001	3.72930E-001	7.60000E-004	2.29200E-002	2.10800E-002	0.00000E+000	6.65427E+001	6.65427E+001	2.15200E-002	0.00000E+000	6.70807E+001
Tractors/Loaders/Backhoes	1.09280E-001	1.10103E+000	1.23605E+000	1.69000E-003	6.79100E-002	6.24800E-002	0.00000E+000	1.48457E+002	1.48457E+002	4.80100E-002	0.00000E+000	1.49657E+002
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	1.10200E-002	1.78010E-001	3.11840E-001	4.80000E-004	3.72000E-003	3.42000E-003	0.00000E+000	4.20449E+001	4.20449E+001	1.36000E-002	0.00000E+000	4.23849E+001
Air Compressors	2.48100E-002	1.73040E-001	2.05990E-001	3.40000E-004	1.06600E-002	1.06600E-002	0.00000E+000	2.89368E+001	2.89368E+001	1.99000E-003	0.00000E+000	2.89865E+001
Cement and Mortar Mixers	3.79000E-003	2.37500E-002	1.98900E-002	5.00000E-005	9.20000E-004	9.20000E-004	0.00000E+000	2.95588E+000	2.95588E+000	3.10000E-004	0.00000E+000	2.96355E+000
Cranes	4.45100E-002	5.28040E-001	2.08820E-001	5.80000E-004	2.17100E-002	1.99700E-002	0.00000E+000	5.06915E+001	5.06915E+001	1.63900E-002	0.00000E+000	5.11014E+001
Excavators	1.17630E-001	1.14105E+000	1.60516E+000	2.54000E-003	5.52900E-002	5.08700E-002	0.00000E+000	2.22778E+002	2.22778E+002	7.20500E-002	0.00000E+000	2.24579E+002
Forklifts	2.82000E-002	2.54650E-001	2.35540E-001	3.10000E-004	1.88000E-002	1.73000E-002	0.00000E+000	2.68582E+001	2.68582E+001	8.69000E-003	0.00000E+000	2.70754E+001
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	1.19000E-002	1.58140E-001	4.53600E-002	1.70000E-004	5.06000E-003	4.65000E-003	0.00000E+000	1.45766E+001	1.45766E+001	4.71000E-003	0.00000E+000	1.46945E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	2.44400E-002	2.48230E-001	2.42570E-001	3.40000E-004	1.51700E-002	1.39600E-002	0.00000E+000	2.97352E+001	2.97352E+001	9.62000E-003	0.00000E+000	2.99756E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	4.96500E-002	5.87600E-001	3.72930E-001	7.60000E-004	2.29200E-002	2.10800E-002	0.00000E+000	6.65426E+001	6.65426E+001	2.15200E-002	0.00000E+000	6.70806E+001
Tractors/Loaders/Backhoes	1.09280E-001	1.10103E+000	1.23605E+000	1.69000E-003	6.79100E-002	6.24800E-002	0.00000E+000	1.48457E+002	1.48457E+002	4.80100E-002	0.00000E+000	1.49657E+002
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Aerial Lifts	0.00000E+000	5.61735E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18920E-006	1.18920E-006	0.00000E+000	0.00000E+000	1.17966E-006
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.38232E-006	1.38232E-006	0.00000E+000	0.00000E+000	1.03496E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18363E-006	1.18363E-006	0.00000E+000	0.00000E+000	1.17413E-006
Excavators	0.00000E+000	0.00000E+000	6.22987E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16708E-006	1.16708E-006	0.00000E+000	0.00000E+000	1.15772E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.11697E-006	1.11697E-006	0.00000E+000	0.00000E+000	1.10802E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	6.86031E-007	6.86031E-007	0.00000E+000	0.00000E+000	6.80528E-007
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	4.08998E-004	0.00000E+000	4.12235E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.34521E-006	1.34521E-006	0.00000E+000	0.00000E+000	1.00081E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20224E-006	1.20224E-006	0.00000E+000	0.00000E+000	1.19259E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21247E-006	1.21247E-006	0.00000E+000	0.00000E+000	1.20275E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.22	0.06	0.22	0.06	0.00	0.00
Grading	Fugitive Dust	0.07	0.01	0.03	0.00	0.55	0.55
Grading	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.56
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	Roads	0.04	0.01	0.04	0.01	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.51	97.51	97.53	97.67	97.51
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.10	0.32		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			

		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
Yes	On-site Renewable	556,200.00	

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	50.00
Percent Reduction in Waste Disposed	

Covina Kaiser MOB Project - Daily Traffic Trips

Proposed Project - Land Use/Trip Gen

Project Description	*TIS Land Use*	*Size*	*Units*	*TIS Trip Rates*	*Weekday*
Medical Office Building	Medical Office	60	ksf	34.80	2,088

CalEEMod Trip Rate Adjustments for Saturday and Sunday

Default Weekday	*Default Saturday*	*Default Sunday*	*Adj Saturday*	*Adj Sunday*
36.13	8.96	1.55	8.63	1.49

Covina Kaiser MOB Project - Electricity and Water

Default CalEEMod Electricity			T24E	NT24E	LightingElect	Default Outputs Total Electricity	% of Total	Assumed Usage Total Electricity	
EnergyUseLandUseSubType	Size	Units	kWhr/size/yr	kWhr/size/yr	kWhr/size/yr	kWhr/yr	Electricity	kWhr/yr[a]	Multiplier?
Medical Office Building	60,000	SF	4.6	4.62	3.77	779,400	59%	336,255.13	0.431428
Enclosed Parking with Elevator	92,785	SF	3.92	0	1.75	526,091	40%	226,970.49	0.431428
Parking Lot	43,009	SF	0	0	0.35	15,053	1%	6,494.37	0.431428
						1,320,544		569,720	

a. Per applicant input, total forecasted eletricity consumption for the project is 569,720 kWh per year

Adjusted Electricity	Size	Units	T24E kWhr/size/yr	NT24E kWhr/size/yr	LightingElect kWhr/size/yr	Adjusted Total Electricity kWhr/yr
Medical Office Building	60,000	SF	1.985	1.993	1.626	336,255
Enclosed Parking with Elevator	92,785	SF	1.691	0.000	0.755	226,970
Parking Lot	43,009	SF	0.000	0.000	0.151	6,494
						569,720

a. Per applicant input, total forecasted eletricity consumption for the project is 569,720 kWh per year

Project-Specific Water

Proposed Uses	SF	Indoor Water (gal/yr)[a]	Outdoor Water (gal/yr)[b]
Medical Office Building	60,000	767,000	472,507

a. Per applicant input, total forecasted water indoor use is 2,950 gallons per day, which equates to 767,000 gallons per year

b. Per applicant input, total forecasted outdoor water use is 472,507 gallons per year

APPENDIX B

Health Risk Assessment

Health Risk Assessment Report for the Kaiser Permanente Covina Medical Office Building Project City of Covina, California

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
AZUS	Azusa Station
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
City	City of Covina
DBR	daily breathing rate
DPF	diesel particulate filter
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
HRA	health risk assessment
m E	meters easting
m N	meters northing
MEIR	maximally exposed individual resident
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
proposed project	Kaiser Permanente Covina Medical Office Building Project
REL	reference exposure level
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
TAC	toxic air contaminant
$\mu g/m^3$	microgram per cubic meter
UTM	Universal Transverse Mercator
VDECS	Verified Diesel Emission Control Strategies

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Health Risk Assessment for the Kaiser Permanente Covina Medical Office Building Project

SUMMARY

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and noncancer health impacts to existing sensitive residential receptors in close proximity to the proposed Kaiser Permanente Covina Medical Office Building Project (proposed project) due to toxic air contaminant (TAC) emissions resulting from construction of the proposed project.

Air dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 18081 and the Hotspots Analysis and Reporting Program Version 2 (HARP2) and the results were compared to the South Coast Air Quality Management District's (SCAQMD's) air quality significance thresholds (SCAQMD 2019a). The SCAQMD's *Modeling Guidance for AERMOD* (SCAQMD 2019b) and the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. For the maximally exposed individual resident (MEIR), the health risk was calculated assuming exposure from construction-generated TAC emissions would occur 8 hours per day, 5 days per week, for approximately 321 active days of construction, starting in the 3rd trimester of pregnancy.

This HRA finds that the incremental cancer risk at the MEIR of 60.20 in one million from project construction would exceed the SCAQMD threshold of 10 in a million without mitigation. With incorporation of higher tier engines as included in Mitigation Measure AQ-1, the proposed project would result in incremental cancer risk of 7.07 in one million. The unmitigated and mitigated chronic hazard index would be 0.053 and 0.0062 at the MEIR, respectively, which would be below the SCAQMD threshold of 1.0. Project health risk impacts associated with construction would thus be less than significant after mitigation. No short-term, acute reference exposure levels are established and regulated for diesel particulate matter (DPM) and are therefore not addressed in this assessment.

1 INTRODUCTION

1.1 Purpose

In support of the air quality assessment for the Kaiser Permanente Covina Medical Office Building Project (proposed project), the health risk assessment (HRA) modeling analysis was prepared to estimate health risk impacts to proximate existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction activities at the project site. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the proposed project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the South Coast Air Quality Management District (SCAQMD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses the criterion: Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The proposed project would include the development of a currently vacant, 3.42-acre project site located at 1664 Park View Drive in the City of Covina (City). The proposed project would include grading of the project site, the construction of a 58,475–square-foot medical office building, a 4-story parking garage with 256 parking spaces, surface parking with 71 parking spaces and associated infrastructural, utility, and landscaping improvements.

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure or acute (short-term) and/or chronic (long-term) noncancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced through either acute or chronic exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of Assembly Bill 1807, the Toxic Air Contaminant Identification and Control Act, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic

compounds. When a compound becomes listed as a TAC under the Tanner Bill, the California Air Resources Board (CARB) normally establishes minimum Statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 187 federal hazardous air pollutants had been listed by CARB as State TACs. In April 1993, CARB added 171 substances to the State program to make the State TAC list equal to the federal list of hazardous air pollutants. In 1998, CARB designated DPM as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of Assembly Bill 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. Assembly Bill 2588 currently regulates over 600 compounds, including all of the Tanner Bill–designated TACs.

1.4 Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams per kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu g/m^3$), breathing rate, and exposure period and multiplying the dose by the inhalation cancer potency factor, expressed as (milligrams/kilogram body weight per day)$^{-1}$. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current Office of Environmental Health Hazard Assessment (OEHHA) regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace risks that compromise the immune system, overall health) would result in an increased susceptibility to developing cancer.

The cancer risk calculations were performed by multiplying the predicted dispersion modeled output data by the TAC emissions and the appropriate risk values. The exposure and risk equations that were used to calculate the cancer risk at receptors from proposed project construction are integrated in HARP2, in accordance with the 2015 Risk Assessment Guidelines Manual (OEHHA 2015).

1.5 Acute and Chronic Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu g/m^3$ divided by the reference exposure level (REL), also in units of $\mu g/m^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

2 GUIDANCE AND THRESHOLDS

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which supersedes the 2003 OEHHA HRA guidance manual, was used to calculate the health risk impacts from proposed project construction. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both noncancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA guidance manual (OEHHA 2003). In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates (DBRs) and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and

adults" (OEHHA 2012). In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015). The ASF for adults is 1. In addition to the ASFs, children have higher DBRs per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home. However, for facilities with any school within the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). As a conservative assumption, the FAH for children under 16 years old was assumed to be 100% in this analysis. Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2. Accordingly, this HRA evaluates and reflects conservative, health-protective methodologies to assess health impacts to adults, as well as infants, children, and other sensitive subpopulations.

2.2 South Coast Air Quality Management District Guidance

The SCAQMD has adopted thresholds of significance for TAC emissions (SCAQMD 2019a) and the SCAQMD's *Modeling Guidance for American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD)* (SCAQMD 2019b) provides guidance to perform dispersion modeling for use in HRAs within the SCAB. SCAQMD's current thresholds of significance for TAC emissions are presented in Table 1.

Table 1
SCAQMD CEQA TAC Emissions Thresholds

Carcinogens	Non-Carcinogens
	Acute or Chronic
Maximally exposed individual risk equals or exceeds 10 in 1 million	Hazard Index equals or exceeds 1.0 for the maximally exposed individual

Source: SCAQMD 2019a.
Notes: CEQA = California Environmental Quality Act; SCAQMD = South Coast Air Quality Management District; TAC = toxic air contaminant

In addition to cancer and non-cancer risk thresholds, if the cancer risk at the maximally exposed individual resident exceeds 1 in a million, the SCAQMD also requires the evaluation of cancer burden (increase in cancer cases in the population), to be compared to the threshold of 0.5 (SCAQMD 2017). However, cancer burden was not evaluated for health risk impacts from

construction, since it is based on a 70-year exposure period, whereas the duration of project construction would be only 321 active days (about 1.23 years).

3 RECEPTORS USED FOR EVALUATING MODELED IMPACTS

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The nearest sensitive receptors are existing residences located directly to the east, adjacent to the project site.

4 MODELING METHODOLOGY

4.1 Dispersion Model

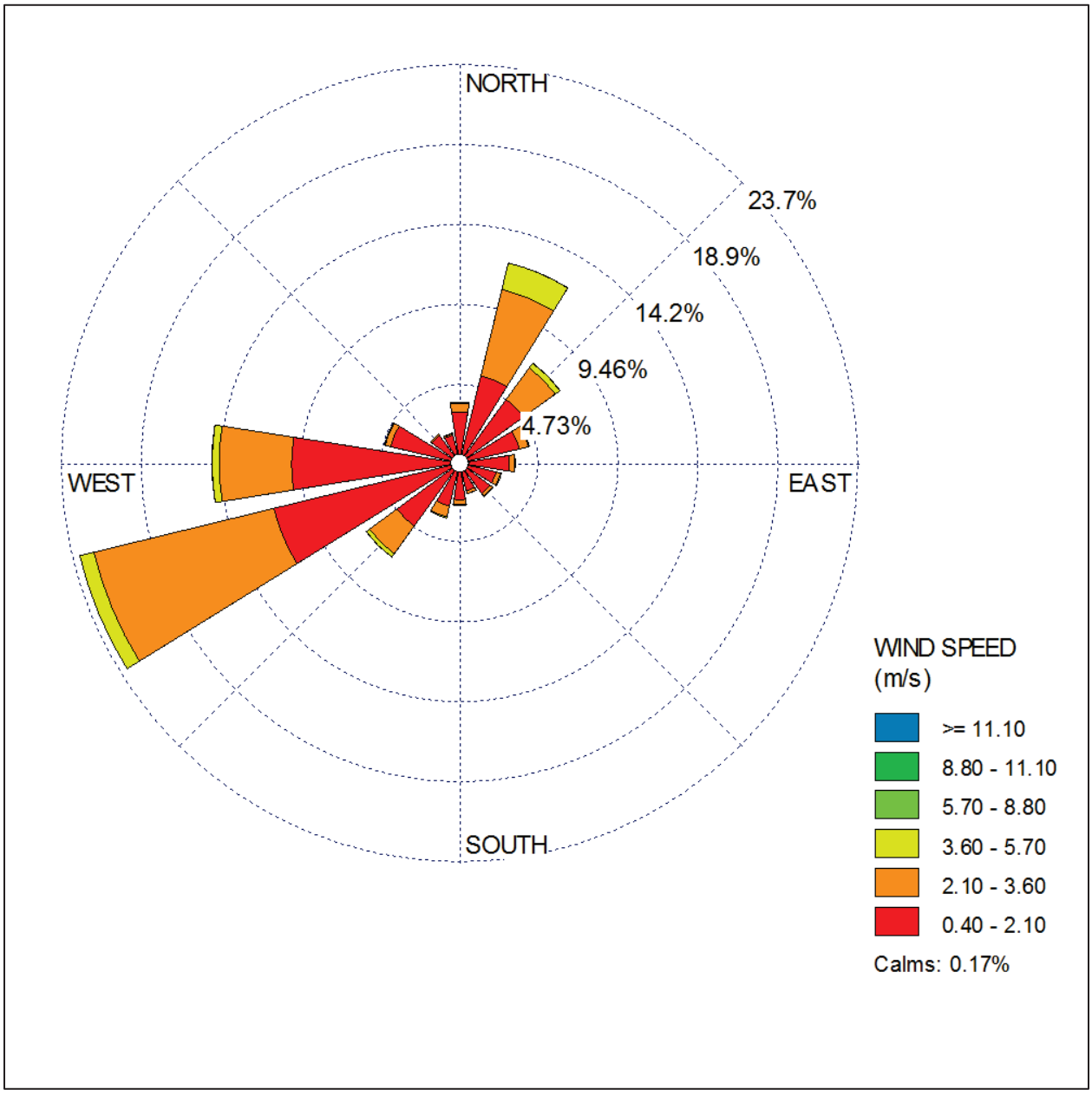
Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis was conducted of DPM emitted from diesel vehicles and construction equipment on the project site for the HRA to assess the health risk impacts of the proposed project's construction on proximate off-site sensitive receptors. The dispersion modeling was performed using AERMOD Version 18081, which is the model U.S. Environmental Protection Agency (EPA) approved and SCAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment

of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the proposed project construction included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD, Version 18081, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.7.0. A unit emission rate (1 gram per second (g/s)) was normalized over the line of adjacent volume sources for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The latest 5-year meteorological data for the Azusa (AZUS) station (Station ID 3179) from SCAQMD were downloaded (SCAQMD 2019c), and then input to AERMOD. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. According to SCAQMD guidelines, the urban dispersion option was selected and the Los Angeles County population for year 2010 (9,818,605 persons) was input into AERMOD (SCAQMD 2019b).
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SCAQMD guidance, the National Elevation Dataset (NED) dataset with resolution of 1 arc-second was used (SCAQMD 2019b).
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptors located in proximity to the project. A uniform 2-kilometer by 2-kilometer Cartesian grid with 50-meter spacing was centered over the project site and converted into discrete receptors to represent proximate sensitive receptors.
- **Source Release Construction Scenario:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in the California Emissions Estimator Model (CalEEMod) (Appendix A). The construction equipment DPM emissions were modeled as a line of adjacent volume sources across the project site to represent proposed project construction with a release height of 5 meters, plume height of 2.33 meters, and plume width of 11.63 meters. Construction equipment would operate up to 8 hours per day.

Figure 1
Wind Rose of Meteorological Data



Source: SCAQMD 2019c.

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4.2 Emission Calculations

Emissions from the construction phase of the proposed project were estimated using CalEEMod Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the applicant and CalEEMod default values. All assumptions pertaining to construction emissions, including phasing, equipment, and vehicle trips, are based on Section 3.3(b) of the air quality section of the Initial Study/Mitigated Negative Declaration (IS/MND). For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles. Notably, the default construction on-road truck trip lengths were reduced to 0.19 miles (1,000 feet) to account for just localized emissions, such as on-site movement and pass-by emissions. Worker trips were assumed to be gasoline-fueled so were not included in the HRA. Complete detailed construction assumptions are included in Appendix A.

Table 2 presents the estimated unmitigated and mitigated annual construction exhaust particulate matter with a diameter less the 10 microns (PM_{10}) emissions, as a surrogate for DPM, generated during construction of the proposed project.

Table 2
Proposed Project Annual On-Site Construction Emissions – Exhaust Only

Year	PM_{10}
	Tons per year
Unmitigated Construction	
2020	0.14
2021	0.08
Total	**0.22**
Mitigated Construction[1]	
2020	0.01
2021	0.02
Total	**0.03**

Notes: PM_{10} = coarse particulate matter.
1 Mitigated emissions include implementation of Mitigation Measure AQ-1.

As shown in Section 5, Health Risk Results, the results of the HRA using the default construction emission factors in CalEEMod result in a potentially significant impact. As such, the following mitigation is included to reduce DPM emissions from construction equipment:

Mitigation Measure AQ-1: Implement Construction Control Measures for Exhaust-Related Emissions

Prior to the issuance of a construction permit, the project applicant, or its designee, shall submit a Construction Exhaust Emissions Minimization Plan (Plan) to the City of Covina (City) or its designated representative for review and approval. The Plan shall detail project compliance with the following requirements:

1. Where access to alternative sources of power and alternative-fueled equipment are available, portable diesel engines shall be prohibited.

2. All diesel-powered equipment with engines equal or greater to 80 horsepower shall be powered by Tier 4 Final engines certified by the California Air Resources Board (CARB). If 80-horsepower or greater engines that comply with Tier 4 Final emissions standards are not commercially available, then the project applicant shall ensure that all diesel-powered equipment equal to or greater than 50 horsepower will have at least CARB-certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies available for the engine type, such as Level 3 Diesel Particulate Filters (Tier 4 engines automatically meet this requirement).

    a. For purposes of this mitigation measure, "commercially available" shall mean the availability of the Tier 4 Final equipment taking into consideration factors such as (1) critical path timing of construction, and (2) geographic proximity of the equipment location to the project site.

    b. The project applicant shall maintain and submit records to the City concerning its efforts to comply with this requirement.

4.3 Health Risk Assessment Methodology

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). This HRA was prepared following the 2015 Risk Assessment Guidelines Manual. Cancer and noncancer health risk calculations were performed for the proposed project using ground-level unity emission concentration (X/Q) input from AERMOD. This modeling established the emissions dispersion field to the existing sensitive receptors from atmospheric influence of the stationary source emissions. Plot files generated in AERMOD were then imported into HARP2, with ground level concentrations determined by multiplication of emission rates and X/Q values for each individual point source of emissions. HARP2 then assessed resulting cancer and noncancer risk at the existing receptors from exposure to TAC emissions using the OEHHA Derived calculation method.

5 HEALTH RISK RESULTS

The cancer risk calculations were performed by multiplying the AERMOD-predicted DPM concentrations in $\mu g/m^3$ per unit g/s due to DPM emissions from trucks and construction equipment by the appropriate risk values. The potential exposure pathway for DPM includes inhalation only. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways (CARB 1998).

The maximally exposed receptor would be the adjancet existing residence to the east of the proposed project. Potential health risk at the maximally exposed individual resident (MEIR) resulting from construction activities are shown in Table 3 below. In addition, unmitigated and mitigated cancer risk isopleth figures are included in Appendix B and complete modeling results are included in Appendix C.

Table 3
Construction-Related Health Risk

Receptor	Cancer Risk (persons per million)	Chronic Impact
Unmitigated Construction		
Maximally Exposed Individual Resident (MEIR)[1]	60.20	0.053
SCAQMD Significance Criteria	10	1.0
Exceed Threshold?	**Yes**	**No**
Mitigated Construction[2]		
Maximally Exposed Individual Resident (MEIR)[1]	7.07	0.0062
SCAQMD Significance Criteria	10	1.0
Exceed Threshold?	**No**	**No**

Source: Appendix C

Note: MEIR = maximally exposed individual resident; SCAQMD = South Coast Air Quality Management District; UTM = Universal Transverse Mercator

Diesel exhaust exposure at receptors modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Construction diesel particulate exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 321 days of active construction.

[1] The MEIR for annual cancer and chronic health risk impacts is located to the east of the proposed project at UTM coordinates 420725 meter Easting (m E)/ 3770125 meters Northing (m N)

[2] Mitigated emissions include implementation of Mitigation Measure AQ-1.

As shown in Table 3, the incremental cancer risk at the MEIR of 60.20 in one million (assuming exposure starts in 3rd trimester) from project construction would exceed the SCAQMD threshold of 10 in a million without mitigation. With incorporation of higher tier engines as included in Mitigation Measure AQ-1, the project would result in an incremental cancer risk of 7.07 in one million. The unmitigated and mitigated chronic hazard index would be 0.053 and 0.0062 at the

MEIR, respectively, which would be below the SCAQMD threshold of 1.0. Project health risk impacts associated with construction would thus be less than significant after mitigation.

6 CONCLUSIONS

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SCAQMD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, the estimated cancer risks and noncancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to proposed project-related emissions. In addition, the estimated cancer risks and noncancer hazard indices represent the maximum exposed individual (resident) and do not represent the risk over a broad area. The actual risks of cancer or noncancer effects from the proposed project are likely to be lower than presented herein. Based on this analysis, project construction would result in potential cancer risk that would be less than significant after implementation of Mitigation Measure AQ-1. During construction, potential chronic health risk impacts would be less than significant without mitigation.

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APPENDIX A

Emission Calculations

Covina Kaiser MOB - Construction HRA

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	60.00	1000sqft	0.72	60,000.00	0
Enclosed Parking Structure	256.00	Space	0.55	92,785.00	0
Other Asphalt Surfaces	50.53	1000sqft	1.16	50,530.00	0
Parking Lot	71.00	Space	0.99	43,009.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	601.59	**CH4 Intensity (lb/MWhr)**	0.025	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted GHG intensity based on SCE 2017 Power Content Label.

Land Use - Project: 60,000 sf MOB, 256-space parking structure w/ elevator, 71-space parking lot

Construction Phase - Adjusted construction phasing/schedule per applicant input

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Off-road Equipment - Equipment list provided by applicant

Trips and VMT - Added water/sweep trucks in Vendor, adjusted hauling trips based on 11,000 CY net export and 16 CY per truck, reduced triplengths to 1,000 feet for HRA. Worker vehicles assumed to be gasoline-fueled and not included in HRA.

On-road Fugitive Dust - Default

Grading - 41,000 CY cut, 30,000 CY fill, net export of 11,000 CY (haul trucks #s account for just net export)

Architectural Coating - Default

Vehicle Trips - Default weekday trip rate matches that provided in the TIS

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Vehicle Emission Factors - Default

Area Coating - Default

Energy Use - Adjusted electricity intensity to match forecasted total electricity consumption provided by the applicant. Natural gas intensity values are defaults

Water And Wastewater - Adjusted indoor and outdoor water use to match forecasted total indoor and outdoor water consumption provided by the applicant.

Construction Off-road Equipment Mitigation - Water exposed area 2x per day; Tier 4F equipment >= 80 hp

Energy Mitigation - On-site renewable energy: 556,200 kWh to be generated by PV panels as provided by applicant

Waste Mitigation - Percent Reduction in Waste Disposed: 50% waste diversion consistent with Assembly Bill 939.

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	8.00	25.00
tblConstructionPhase	NumDays	230.00	200.00
tblConstructionPhase	NumDays	18.00	85.00
tblConstructionPhase	NumDays	18.00	86.00
tblEnergyUse	LightingElect	1.75	0.76
tblEnergyUse	LightingElect	3.77	1.63
tblEnergyUse	LightingElect	0.35	0.15
tblEnergyUse	NT24E	4.62	1.99
tblEnergyUse	T24E	3.92	1.69
tblEnergyUse	T24E	4.60	1.99
tblGrading	MaterialExported	0.00	29,110.00
tblGrading	MaterialExported	0.00	11,890.00
tblGrading	MaterialImported	0.00	21,300.00
tblGrading	MaterialImported	0.00	8,700.00
tblLandUse	LandUseSquareFeet	102,400.00	92,785.00
tblLandUse	LandUseSquareFeet	28,400.00	43,009.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.025
tblProjectCharacteristics	CO2IntensityFactor	702.44	601.59
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.005
tblTripsAndVMT	HaulingTripLength	20.00	0.19
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tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	40.00	44.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00

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tblTripsAndVMT	WorkerTripNumber	20.00	30.00
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tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblTripsAndVMT	WorkerTripNumber	25.00	20.00
tblVehicleTrips	ST_TR	8.96	8.63
tblVehicleTrips	SU_TR	1.55	1.49
tblVehicleTrips	WD_TR	36.13	34.80
tblWater	IndoorWaterUseRate	7,528,832.25	767,000.00
tblWater	OutdoorWaterUseRate	1,434,063.29	472,507.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3003	3.2826	2.9180	4.9500e-003	0.0714	0.1457	0.2171	8.1100e-003	0.1341	0.1422	0.0000	438.1102	438.1102	0.1356	0.0000	441.5013
2021	0.4638	1.5120	1.7670	2.7300e-003	3.3000e-004	0.0769	0.0772	1.1000e-004	0.0717	0.0718	0.0000	239.0224	239.0224	0.0676	0.0000	240.7126
Maximum	**0.4638**	**3.2826**	**2.9180**	**4.9500e-003**	**0.0714**	**0.1457**	**0.2171**	**8.1100e-003**	**0.1341**	**0.1422**	**0.0000**	**438.1102**	**438.1102**	**0.1356**	**0.0000**	**441.5013**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0840	0.6519	3.1821	4.9500e-003	0.0327	9.7000e-003	0.0424	3.8400e-003	9.5000e-003	0.0133	0.0000	438.1097	438.1097	0.1356	0.0000	441.5008
2021	0.3726	0.4628	1.9185	2.7300e-003	3.3000e-004	0.0165	0.0168	1.1000e-004	0.0163	0.0164	0.0000	239.0221	239.0221	0.0676	0.0000	240.7124
Maximum	**0.3726**	**0.6519**	**3.1821**	**4.9500e-003**	**0.0327**	**0.0165**	**0.0424**	**3.8400e-003**	**0.0163**	**0.0164**	**0.0000**	**438.1097**	**438.1097**	**0.1356**	**0.0000**	**441.5008**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**40.23**	**76.75**	**-8.87**	**0.00**	**53.90**	**88.25**	**79.88**	**51.95**	**87.44**	**86.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-6-2020	7-5-2020	1.3749	0.2456
2	7-6-2020	10-5-2020	1.0979	0.2478
3	10-6-2020	1-5-2021	1.0894	0.2444
4	1-6-2021	4-5-2021	1.1007	0.4736
5	4-6-2021	7-5-2021	0.8040	0.3373
		Highest	1.3749	0.4736

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Energy	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	188.9729	188.9729	7.1100e-003	1.9000e-003	189.7182
Mobile	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Waste						0.0000	0.0000		0.0000	0.0000	131.5381	0.0000	131.5381	7.7737	0.0000	325.8802
Water						0.0000	0.0000		0.0000	0.0000	0.2433	4.1577	4.4011	0.0252	6.2000e-004	5.2164
Total	**0.6986**	**2.2401**	**5.4519**	**0.0193**	**1.5537**	**0.0185**	**1.5722**	**0.4165**	**0.0174**	**0.4339**	**131.7815**	**1,958.6424**	**2,090.4238**	**7.8996**	**2.5200e-003**	**2,288.6668**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Energy	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	37.1990	37.1990	8.0000e-004	6.4000e-004	37.4106
Mobile	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Waste						0.0000	0.0000		0.0000	0.0000	65.7691	0.0000	65.7691	3.8868	0.0000	162.9401
Water						0.0000	0.0000		0.0000	0.0000	0.2433	4.1577	4.4011	0.0252	6.2000e-004	5.2164
Total	**0.6986**	**2.2401**	**5.4519**	**0.0193**	**1.5537**	**0.0185**	**1.5722**	**0.4165**	**0.0174**	**0.4339**	**66.0124**	**1,806.8684**	**1,872.8808**	**4.0064**	**1.2600e-003**	**1,973.4191**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**49.91**	**7.75**	**10.41**	**49.28**	**50.00**	**13.77**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/6/2020	4/17/2020	5	10	
2	Grading	Grading	4/20/2020	5/22/2020	5	25	
3	Trenching	Trenching	5/25/2020	2/26/2021	5	200	
4	Building Construction	Building Construction	5/25/2020	2/26/2021	5	200	
5	Architectural Coating	Architectural Coating	2/1/2021	5/28/2021	5	85	
6	Paving	Paving	3/1/2021	6/28/2021	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 125

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Trenching	Excavators	4	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Aerial Lifts	2	8.00	63	0.31
Architectural Coating	Air Compressors	2	8.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Excavators	2	8.00	158	0.38
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	6.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	4	20.00	6.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	26.00	6.00	1,376.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Trenching	8	30.00	6.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	5	180.00	44.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	20.00	2.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	10	20.00	6.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					1.1600e-003	0.0000	1.1600e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0436	0.0505	7.0000e-005		2.5800e-003	2.5800e-003		2.3700e-003	2.3700e-003	0.0000	6.3613	6.3613	2.0600e-003	0.0000	6.4127
Total	**4.3700e-003**	**0.0436**	**0.0505**	**7.0000e-005**	**1.1600e-003**	**2.5800e-003**	**3.7400e-003**	**1.8000e-004**	**2.3700e-003**	**2.5500e-003**	**0.0000**	**6.3613**	**6.3613**	**2.0600e-003**	**0.0000**	**6.4127**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8200e-003	4.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1741	0.1741	3.0000e-005	0.0000	0.1748
Worker	1.0000e-004	3.0000e-005	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0208	0.0208	0.0000	0.0000	0.0208
Total	**1.5000e-004**	**1.8500e-003**	**9.5000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1948**	**0.1948**	**3.0000e-005**	**0.0000**	**0.1956**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.2000e-004	0.0000	5.2000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9000e-004	3.8500e-003	0.0547	7.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.3613	6.3613	2.0600e-003	0.0000	6.4127
Total	**8.9000e-004**	**3.8500e-003**	**0.0547**	**7.0000e-005**	**5.2000e-004**	**1.2000e-004**	**6.4000e-004**	**8.0000e-005**	**1.2000e-004**	**2.0000e-004**	**0.0000**	**6.3613**	**6.3613**	**2.0600e-003**	**0.0000**	**6.4127**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8200e-003	4.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1741	0.1741	3.0000e-005	0.0000	0.1748
Worker	1.0000e-004	3.0000e-005	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0208	0.0208	0.0000	0.0000	0.0208
Total	**1.5000e-004**	**1.8500e-003**	**9.5000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1948**	**0.1948**	**3.0000e-005**	**0.0000**	**0.1956**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0691	0.0000	0.0691	7.5900e-003	0.0000	7.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0615	0.7457	0.4183	9.2000e-004		0.0280	0.0280		0.0257	0.0257	0.0000	81.1193	81.1193	0.0262	0.0000	81.7752
Total	**0.0615**	**0.7457**	**0.4183**	**9.2000e-004**	**0.0691**	**0.0280**	**0.0971**	**7.5900e-003**	**0.0257**	**0.0333**	**0.0000**	**81.1193**	**81.1193**	**0.0262**	**0.0000**	**81.7752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	1.2700e-003	0.0665	9.9900e-003	7.0000e-005	1.3000e-004	4.0000e-005	1.7000e-004	4.0000e-005	4.0000e-005	7.0000e-005	0.0000	7.2491	7.2491	1.1100e-003	0.0000	7.2769
Vendor	1.2000e-004	4.5500e-003	1.2200e-003	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4352	0.4352	7.0000e-005	0.0000	0.4369
Worker	3.2000e-004	1.0000e-004	1.5000e-003	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0674	0.0674	1.0000e-005	0.0000	0.0676
Total	**1.7100e-003**	**0.0711**	**0.0127**	**7.0000e-005**	**1.4000e-004**	**4.0000e-005**	**2.0000e-004**	**4.0000e-005**	**4.0000e-005**	**8.0000e-005**	**0.0000**	**7.7518**	**7.7518**	**1.1900e-003**	**0.0000**	**7.7813**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0311	0.0000	0.0311	3.4100e-003	0.0000	3.4100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.0492	0.4161	9.2000e-004		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003	0.0000	81.1192	81.1192	0.0262	0.0000	81.7751
Total	**0.0114**	**0.0492**	**0.4161**	**9.2000e-004**	**0.0311**	**1.5100e-003**	**0.0326**	**3.4100e-003**	**1.5100e-003**	**4.9200e-003**	**0.0000**	**81.1192**	**81.1192**	**0.0262**	**0.0000**	**81.7751**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2700e-003	0.0665	9.9900e-003	7.0000e-005	1.3000e-004	4.0000e-005	1.7000e-004	4.0000e-005	4.0000e-005	7.0000e-005	0.0000	7.2491	7.2491	1.1100e-003	0.0000	7.2769
Vendor	1.2000e-004	4.5500e-003	1.2200e-003	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4352	0.4352	7.0000e-005	0.0000	0.4369
Worker	3.2000e-004	1.0000e-004	1.5000e-003	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0674	0.0674	1.0000e-005	0.0000	0.0676
Total	**1.7100e-003**	**0.0711**	**0.0127**	**7.0000e-005**	**1.4000e-004**	**4.0000e-005**	**2.0000e-004**	**4.0000e-005**	**4.0000e-005**	**8.0000e-005**	**0.0000**	**7.7518**	**7.7518**	**1.1900e-003**	**0.0000**	**7.7813**

3.4 Trenching - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1445	1.4367	1.7641	2.6300e-003		0.0795	0.0795		0.0731	0.0731	0.0000	231.0437	231.0437	0.0747	0.0000	232.9118
Total	**0.1445**	**1.4367**	**1.7641**	**2.6300e-003**		**0.0795**	**0.0795**		**0.0731**	**0.0731**	**0.0000**	**231.0437**	**231.0437**	**0.0747**	**0.0000**	**232.9118**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5000e-004	0.0289	7.7300e-003	3.0000e-005	9.0000e-005	2.0000e-005	1.2000e-004	3.0000e-005	2.0000e-005	5.0000e-005	0.0000	2.7679	2.7679	4.2000e-004	0.0000	2.7785
Worker	2.3600e-003	7.5000e-004	0.0110	1.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4948	0.4948	5.0000e-005	0.0000	0.4961
Total	**3.1100e-003**	**0.0297**	**0.0188**	**4.0000e-005**	**1.1000e-004**	**4.0000e-005**	**1.6000e-004**	**4.0000e-005**	**3.0000e-005**	**7.0000e-005**	**0.0000**	**3.2628**	**3.2628**	**4.7000e-004**	**0.0000**	**3.2746**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road	0.0323	0.1399	1.9907	2.6300e-003		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	231.0434	231.0434	0.0747	0.0000	232.9115
Total	**0.0323**	**0.1399**	**1.9907**	**2.6300e-003**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**231.0434**	**231.0434**	**0.0747**	**0.0000**	**232.9115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5000e-004	0.0289	7.7300e-003	3.0000e-005	9.0000e-005	2.0000e-005	1.2000e-004	3.0000e-005	2.0000e-005	5.0000e-005	0.0000	2.7679	2.7679	4.2000e-004	0.0000	2.7785
Worker	2.3600e-003	7.5000e-004	0.0110	1.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4948	0.4948	5.0000e-005	0.0000	0.4961
Total	**3.1100e-003**	**0.0297**	**0.0188**	**4.0000e-005**	**1.1000e-004**	**4.0000e-005**	**1.6000e-004**	**4.0000e-005**	**3.0000e-005**	**7.0000e-005**	**0.0000**	**3.2628**	**3.2628**	**4.7000e-004**	**0.0000**	**3.2746**

3.4 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0342	0.3320	0.4536	6.8000e-004		0.0177	0.0177		0.0163	0.0163	0.0000	59.5926	59.5926	0.0193	0.0000	60.0744
Total	**0.0342**	**0.3320**	**0.4536**	**6.8000e-004**		**0.0177**	**0.0177**		**0.0163**	**0.0163**	**0.0000**	**59.5926**	**59.5926**	**0.0193**	**0.0000**	**60.0744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	7.2000e-003	1.8500e-003	1.0000e-005	2.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.7076	0.7076	1.0000e-004	0.0000	0.7102
Worker	5.6000e-004	1.7000e-004	2.5500e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1237	0.1237	1.0000e-005	0.0000	0.1240
Total	**7.4000e-004**	**7.3700e-003**	**4.4000e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.8313**	**0.8313**	**1.1000e-004**	**0.0000**	**0.8341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3200e-003	0.0361	0.5133	6.8000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	59.5925	59.5925	0.0193	0.0000	60.0743
Total	**8.3200e-003**	**0.0361**	**0.5133**	**6.8000e-004**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**59.5925**	**59.5925**	**0.0193**	**0.0000**	**60.0743**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	7.2000e-003	1.8500e-003	1.0000e-005	2.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.7076	0.7076	1.0000e-004	0.0000	0.7102
Worker	5.6000e-004	1.7000e-004	2.5500e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1237	0.1237	1.0000e-005	0.0000	0.1240
Total	**7.4000e-004**	**7.3700e-003**	**4.4000e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.8313**	**0.8313**	**1.1000e-004**	**0.0000**	**0.8341**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0652	0.7373	0.5298	9.7000e-004		0.0353	0.0353		0.0325	0.0325	0.0000	85.1096	85.1096	0.0275	0.0000	85.7977
Total	**0.0652**	**0.7373**	**0.5298**	**9.7000e-004**		**0.0353**	**0.0353**		**0.0325**	**0.0325**	**0.0000**	**85.1096**	**85.1096**	**0.0275**	**0.0000**	**85.7977**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4700e-003	0.2122	0.0567	2.1000e-004	7.0000e-004	1.6000e-004	8.5000e-004	2.1000e-004	1.5000e-004	3.6000e-004	0.0000	20.2982	20.2982	3.0900e-003	0.0000	20.3755
Worker	0.0142	4.4800e-003	0.0661	3.0000e-005	1.4000e-004	9.0000e-005	2.4000e-004	6.0000e-005	9.0000e-005	1.4000e-004	0.0000	2.9689	2.9689	3.2000e-004	0.0000	2.9768

Total	**0.0196**	**0.2167**	**0.1228**	**2.4000e-004**	**8.4000e-004**	**2.5000e-004**	**1.0900e-003**	**2.7000e-004**	**2.4000e-004**	**5.0000e-004**	**0.0000**	**23.2671**	**23.2671**	**3.4100e-003**	**0.0000**	**23.3524**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0149	0.1397	0.5653	9.7000e-004		3.4300e-003	3.4300e-003		3.2500e-003	3.2500e-003	0.0000	85.1095	85.1095	0.0275	0.0000	85.7976
Total	**0.0149**	**0.1397**	**0.5653**	**9.7000e-004**		**3.4300e-003**	**3.4300e-003**		**3.2500e-003**	**3.2500e-003**	**0.0000**	**85.1095**	**85.1095**	**0.0275**	**0.0000**	**85.7976**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.4700e-003	0.2122	0.0567	2.1000e-004	7.0000e-004	1.6000e-004	8.5000e-004	2.1000e-004	1.5000e-004	3.6000e-004	0.0000	20.2982	20.2982	3.0900e-003	0.0000	20.3755
Worker	0.0142	4.4800e-003	0.0661	3.0000e-005	1.4000e-004	9.0000e-005	2.4000e-004	6.0000e-005	9.0000e-005	1.4000e-004	0.0000	2.9689	2.9689	3.2000e-004	0.0000	2.9768
Total	**0.0196**	**0.2167**	**0.1228**	**2.4000e-004**	**8.4000e-004**	**2.5000e-004**	**1.0900e-003**	**2.7000e-004**	**2.4000e-004**	**5.0000e-004**	**0.0000**	**23.2671**	**23.2671**	**3.4100e-003**	**0.0000**	**23.3524**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.1724	0.1334	2.5000e-004		7.9400e-003	7.9400e-003		7.3000e-003	7.3000e-003	0.0000	21.9456	21.9456	7.1000e-003	0.0000	22.1230
Total	**0.0153**	**0.1724**	**0.1334**	**2.5000e-004**		**7.9400e-003**	**7.9400e-003**		**7.3000e-003**	**7.3000e-003**	**0.0000**	**21.9456**	**21.9456**	**7.1000e-003**	**0.0000**	**22.1230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-003	0.0528	0.0136	5.0000e-005	1.8000e-004	2.0000e-005	2.0000e-004	5.0000e-005	2.0000e-005	8.0000e-005	0.0000	5.1889	5.1889	7.5000e-004	0.0000	5.2078
Worker	3.3400e-003	1.0100e-003	0.0153	1.0000e-005	4.0000e-005	2.0000e-005	6.0000e-005	1.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.7421	0.7421	7.0000e-005	0.0000	0.7439
Total	**4.6400e-003**	**0.0538**	**0.0289**	**6.0000e-005**	**2.2000e-004**	**4.0000e-005**	**2.6000e-004**	**6.0000e-005**	**4.0000e-005**	**1.2000e-004**	**0.0000**	**5.9310**	**5.9310**	**8.2000e-004**	**0.0000**	**5.9517**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7600e-003	0.0343	0.1458	2.5000e-004		7.7000e-004	7.7000e-004		7.3000e-004	7.3000e-004	0.0000	21.9455	21.9455	7.1000e-003	0.0000	22.1230
Total	**3.7600e-003**	**0.0343**	**0.1458**	**2.5000e-004**		**7.7000e-004**	**7.7000e-004**		**7.3000e-004**	**7.3000e-004**	**0.0000**	**21.9455**	**21.9455**	**7.1000e-003**	**0.0000**	**22.1230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-003	0.0528	0.0136	5.0000e-005	1.8000e-004	2.0000e-005	2.0000e-004	5.0000e-005	2.0000e-005	8.0000e-005	0.0000	5.1889	5.1889	7.5000e-004	0.0000	5.2078
Worker	3.3400e-003	1.0100e-003	0.0153	1.0000e-005	4.0000e-005	2.0000e-005	6.0000e-005	1.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.7421	0.7421	7.0000e-005	0.0000	0.7439
Total	**4.6400e-003**	**0.0538**	**0.0289**	**6.0000e-005**	**2.2000e-004**	**4.0000e-005**	**2.6000e-004**	**6.0000e-005**	**4.0000e-005**	**1.2000e-004**	**0.0000**	**5.9310**	**5.9310**	**8.2000e-004**	**0.0000**	**5.9517**

3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0280	0.2241	0.2990	4.8000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	41.4766	41.4766	6.0400e-003	0.0000	41.6276
Total	**0.3320**	**0.2241**	**0.2990**	**4.8000e-004**		**0.0116**	**0.0116**		**0.0116**	**0.0116**	**0.0000**	**41.4766**	**41.4766**	**6.0400e-003**	**0.0000**	**41.6276**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.9800e-003	1.2800e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.4890	0.4890	7.0000e-005	0.0000	0.4908
Worker	7.7000e-004	2.3000e-004	3.5300e-003	0.0000	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1709	0.1709	2.0000e-005	0.0000	0.1714
Total	**8.9000e-004**	**5.2100e-003**	**4.8100e-003**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.6599**	**0.6599**	**9.0000e-005**	**0.0000**	**0.6621**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0280	0.2241	0.2990	4.8000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	41.4766	41.4766	6.0400e-003	0.0000	41.6276
Total	**0.3320**	**0.2241**	**0.2990**	**4.8000e-004**		**0.0116**	**0.0116**		**0.0116**	**0.0116**	**0.0000**	**41.4766**	**41.4766**	**6.0400e-003**	**0.0000**	**41.6276**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.9800e-003	1.2800e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.4890	0.4890	7.0000e-005	0.0000	0.4908

Worker	7.7000e-004	2.3000e-004	3.5300e-003	0.0000	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1709	0.1709	2.0000e-005	0.0000	0.1714
Total	**8.9000e-004**	**5.2100e-003**	**4.8100e-003**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.6599**	**0.6599**	**9.0000e-005**	**0.0000**	**0.6621**

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0721	0.7017	0.8354	1.2300e-003		0.0395	0.0395		0.0364	0.0364	0.0000	106.9284	106.9284	0.0339	0.0000	107.7767
Paving	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0749**	**0.7017**	**0.8354**	**1.2300e-003**		**0.0395**	**0.0395**		**0.0364**	**0.0364**	**0.0000**	**106.9284**	**106.9284**	**0.0339**	**0.0000**	**107.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0151	3.8800e-003	2.0000e-005	5.0000e-005	1.0000e-005	6.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	1.4842	1.4842	2.2000e-004	0.0000	1.4896
Worker	7.8000e-004	2.4000e-004	3.5700e-003	0.0000	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005	0.0000	0.1729	0.1729	2.0000e-005	0.0000	0.1734
Total	**1.1500e-003**	**0.0153**	**7.4500e-003**	**2.0000e-005**	**6.0000e-005**	**2.0000e-005**	**7.0000e-005**	**2.0000e-005**	**2.0000e-005**	**3.0000e-005**	**0.0000**	**1.6571**	**1.6571**	**2.4000e-004**	**0.0000**	**1.6630**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.0866	0.9149	1.2300e-003		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	106.9283	106.9283	0.0339	0.0000	107.7766
Paving	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0211**	**0.0866**	**0.9149**	**1.2300e-003**		**2.8600e-003**	**2.8600e-003**		**2.8600e-003**	**2.8600e-003**	**0.0000**	**106.9283**	**106.9283**	**0.0339**	**0.0000**	**107.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0151	3.8800e-003	2.0000e-005	5.0000e-005	1.0000e-005	6.0000e-005	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	1.4842	1.4842	2.2000e-004	0.0000	1.4896
Worker	7.8000e-004	2.4000e-004	3.5700e-003	0.0000	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005	0.0000	0.1729	0.1729	2.0000e-005	0.0000	0.1734
Total	**1.1500e-003**	**0.0153**	**7.4500e-003**	**2.0000e-005**	**6.0000e-005**	**2.0000e-005**	**7.0000e-005**	**2.0000e-005**	**2.0000e-005**	**3.0000e-005**	**0.0000**	**1.6571**	**1.6571**	**2.4000e-004**	**0.0000**	**1.6630**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405
Unmitigated	0.4355	2.2095	5.4206	0.0191	1.5537	0.0161	1.5698	0.4165	0.0150	0.4315	0.0000	1,765.5008	1,765.5008	0.0936	0.0000	1,767.8405

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Medical Office Building	2,088.00	517.80	89.40	4,093,553	4,093,553
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,088.00	517.80	89.40	4,093,553	4,093,553

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Medical Office Building	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Other Asphalt Surfaces	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Parking Lot	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.8679	3.8679	1.6000e-004	3.0000e-005	3.8815
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	155.6419	155.6419	6.4700e-003	1.2900e-003	156.1891
NaturalGas Mitigated	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
NaturalGas Unmitigated	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	624600	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.3700e-003**	**0.0306**	**0.0257**	**1.8000e-004**		**2.3300e-003**	**2.3300e-003**		**2.3300e-003**	**2.3300e-003**	**0.0000**	**33.3310**	**33.3310**	**6.4000e-004**	**6.1000e-004**	**33.5291**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	624600	3.3700e-003	0.0306	0.0257	1.8000e-004		2.3300e-003	2.3300e-003		2.3300e-003	2.3300e-003	0.0000	33.3310	33.3310	6.4000e-004	6.1000e-004	33.5291
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.3700e-003**	**0.0306**	**0.0257**	**1.8000e-004**		**2.3300e-003**	**2.3300e-003**		**2.3300e-003**	**2.3300e-003**	**0.0000**	**33.3310**	**33.3310**	**6.4000e-004**	**6.1000e-004**	**33.5291**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	227323	62.0312	2.5800e-003	5.2000e-004	62.2493
Medical Office Building	336600	91.8503	3.8200e-003	7.6000e-004	92.1732
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6451.35	1.7604	7.0000e-005	1.0000e-005	1.7666
Total		**155.6419**	**6.4700e-003**	**1.2900e-003**	**156.1891**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	88273.3	24.0877	1.0000e-003	2.0000e-004	24.1724
Medical Office Building	197550	53.9068	2.2400e-003	4.5000e-004	54.0963
Other Asphalt Surfaces	-139050	-37.9435	-0.0016	-0.0003	-38.0769
Parking Lot	-132599	-36.1831	-0.0015	-0.0003	-36.3103
Total		**3.8679**	**1.6000e-004**	**3.0000e-005**	**3.8815**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Unmitigated	0.2598	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0304					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Total	**0.2598**	**5.0000e-005**	**5.5900e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0109**	**0.0109**	**3.0000e-005**	**0.0000**	**0.0116**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0304					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-004	5.0000e-005	5.5900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0109	0.0109	3.0000e-005	0.0000	0.0116
Total	**0.2598**	**5.0000e-005**	**5.5900e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0109**	**0.0109**	**3.0000e-005**	**0.0000**	**0.0116**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	4.4011	0.0252	6.2000e-004	5.2164
Unmitigated	4.4011	0.0252	6.2000e-004	5.2164

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.767 / 0.472507	4.4011	0.0252	6.2000e-004	5.2164
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**4.4011**	**0.0252**	**6.2000e-004**	**5.2164**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.767 / 0.472507	4.4011	0.0252	6.2000e-004	5.2164
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Total		**4.4011**	**0.0252**	**6.2000e-004**	**5.2164**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	65.7691	3.8868	0.0000	162.9401
Unmitigated	131.5381	7.7737	0.0000	325.8802

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	648	131.5381	7.7737	0.0000	325.8802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000

Total		**131.5381**	**7.7737**	**0.0000**	**325.8802**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	324	65.7691	3.8868	0.0000	162.9401
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**65.7691**	**3.8868**	**0.0000**	**162.9401**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 10/9/2019 11:25 AM

Covina Kaiser MOB - Construction HRA

Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.59	0.62	-0.06	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.79	0.85	0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.71	0.86	-0.09	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.77	0.87	-0.08	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	0.76	0.88	-0.13	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	No Change	0	4	No Change	0.00
Air Compressors	Diesel	No Change	0	2	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	2	No Change	0.00
Cranes	Diesel	Tier 4 Final	1	1	No Change	0.00
Excavators	Diesel	Tier 4 Final	7	7	No Change	0.00
Forklifts	Diesel	Tier 4 Final	2	2	No Change	0.00
Generator Sets	Diesel	No Change	0	0	No Change	0.00

Graders	Diesel	Tier 4 Final	2	2	No Change	0.00
Pavers	Diesel	No Change	0	0	No Change	0.00
Paving Equipment	Diesel	No Change	0	0	No Change	0.00
Rollers	Diesel	Tier 4 Final	3	3	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	0	No Change	0.00
Scrapers	Diesel	Tier 4 Final	4	4	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	10	10	No Change	0.00
Welders	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Aerial Lifts	1.10200E-002	1.78020E-001	3.11840E-001	4.80000E-004	3.72000E-003	3.42000E-003	0.00000E+000	4.20450E+001	4.20450E+001	1.36000E-002	0.00000E+000	4.23849E+001
Air Compressors	2.48100E-002	1.73040E-001	2.05990E-001	3.40000E-004	1.06600E-002	1.06600E-002	0.00000E+000	2.89369E+001	2.89369E+001	1.99000E-003	0.00000E+000	2.89865E+001
Cement and Mortar Mixers	3.79000E-003	2.37500E-002	1.98900E-002	5.00000E-005	9.20000E-004	9.20000E-004	0.00000E+000	2.95588E+000	2.95588E+000	3.10000E-004	0.00000E+000	2.96355E+000
Cranes	4.45100E-002	5.28040E-001	2.08820E-001	5.80000E-004	2.17100E-002	1.99700E-002	0.00000E+000	5.06916E+001	5.06916E+001	1.63900E-002	0.00000E+000	5.11015E+001
Excavators	1.17630E-001	1.14105E+000	1.60517E+000	2.54000E-003	5.52900E-002	5.08700E-002	0.00000E+000	2.22778E+002	2.22778E+002	7.20500E-002	0.00000E+000	2.24579E+002
Forklifts	2.82000E-002	2.54650E-001	2.35540E-001	3.10000E-004	1.88000E-002	1.73000E-002	0.00000E+000	2.68583E+001	2.68583E+001	8.69000E-003	0.00000E+000	2.70754E+001
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	1.19000E-002	1.58140E-001	4.53600E-002	1.70000E-004	5.06000E-003	4.65000E-003	0.00000E+000	1.45766E+001	1.45766E+001	4.71000E-003	0.00000E+000	1.46945E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	2.44500E-002	2.48230E-001	2.42580E-001	3.40000E-004	1.51700E-002	1.39600E-002	0.00000E+000	2.97352E+001	2.97352E+001	9.62000E-003	0.00000E+000	2.99756E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	4.96500E-002	5.87600E-001	3.72930E-001	7.60000E-004	2.29200E-002	2.10800E-002	0.00000E+000	6.65427E+001	6.65427E+001	2.15200E-002	0.00000E+000	6.70807E+001
Tractors/Loaders/Backhoes	1.09280E-001	1.10103E+000	1.23605E+000	1.69000E-003	6.79100E-002	6.24800E-002	0.00000E+000	1.48457E+002	1.48457E+002	4.80100E-002	0.00000E+000	1.49657E+002
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Aerial Lifts	1.10200E-002	1.78010E-001	3.11840E-001	4.80000E-004	3.72000E-003	3.42000E-003	0.00000E+000	4.20449E+001	4.20449E+001	1.36000E-002	0.00000E+000	4.23849E+001
Air Compressors	2.48100E-002	1.73040E-001	2.05990E-001	3.40000E-004	1.06600E-002	1.06600E-002	0.00000E+000	2.89368E+001	2.89368E+001	1.99000E-003	0.00000E+000	2.89865E+001
Cement and Mortar Mixers	3.79000E-003	2.37500E-002	1.98900E-002	5.00000E-005	9.20000E-004	9.20000E-004	0.00000E+000	2.95588E+000	2.95588E+000	3.10000E-004	0.00000E+000	2.96355E+000
Cranes	7.09000E-003	3.07200E-002	2.59930E-001	5.80000E-004	9.50000E-004	9.50000E-004	0.00000E+000	5.06915E+001	5.06915E+001	1.63900E-002	0.00000E+000	5.11014E+001
Excavators	3.12000E-002	1.35180E-001	1.92375E+000	2.54000E-003	4.16000E-003	4.16000E-003	0.00000E+000	2.22778E+002	2.22778E+002	7.20500E-002	0.00000E+000	2.24579E+002
Forklifts	3.77000E-003	1.63200E-002	2.32310E-001	3.10000E-004	5.00000E-004	5.00000E-004	0.00000E+000	2.68582E+001	2.68582E+001	8.69000E-003	0.00000E+000	2.70754E+001
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	2.03000E-003	8.79000E-003	7.43700E-002	1.70000E-004	2.70000E-004	2.70000E-004	0.00000E+000	1.45766E+001	1.45766E+001	4.71000E-003	0.00000E+000	1.46945E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	4.15000E-003	1.79800E-002	2.55910E-001	3.40000E-004	5.50000E-004	5.50000E-004	0.00000E+000	2.97352E+001	2.97352E+001	9.62000E-003	0.00000E+000	2.99756E+001
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	9.32000E-003	4.03900E-002	3.41760E-001	7.60000E-004	1.24000E-003	1.24000E-003	0.00000E+000	6.65426E+001	6.65426E+001	2.15200E-002	0.00000E+000	6.70806E+001
Tractors/Loaders/Backhoes	2.06600E-002	8.95300E-002	1.27408E+000	1.69000E-003	2.75000E-003	2.75000E-003	0.00000E+000	1.48457E+002	1.48457E+002	4.80100E-002	0.00000E+000	1.49657E+002
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Aerial Lifts	0.00000E+000	5.61735E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18920E-006	1.18920E-006	0.00000E+000	0.00000E+000	1.17966E-006
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.38232E-006	1.38232E-006	0.00000E+000	0.00000E+000	1.03496E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	8.40710E-001	9.41823E-001	-2.44756E-001	0.00000E+000	9.56241E-001	9.52429E-001	0.00000E+000	1.18363E-006	1.18363E-006	0.00000E+000	0.00000E+000	1.17413E-006
Excavators	7.34762E-001	8.81530E-001	-1.98471E-001	0.00000E+000	9.24760E-001	9.18223E-001	0.00000E+000	1.16708E-006	1.16708E-006	0.00000E+000	0.00000E+000	1.15772E-006
Forklifts	8.66312E-001	9.35912E-001	1.37132E-002	0.00000E+000	9.73404E-001	9.71098E-001	0.00000E+000	1.11697E-006	1.11697E-006	0.00000E+000	0.00000E+000	1.10802E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Graders	8.29412E-001	9.44416E-001	-6.39550E-001	0.00000E+000	9.46640E-001	9.41935E-001	0.00000E+000	6.86031E-007	6.86031E-007	0.00000E+000	0.00000E+000	6.80528E-007
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	8.30266E-001	9.27567E-001	-5.49509E-002	0.00000E+000	9.63744E-001	9.60602E-001	0.00000E+000	1.34521E-006	1.34521E-006	0.00000E+000	0.00000E+000	1.00081E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Scrapers	8.12286E-001	9.31263E-001	8.35814E-002	0.00000E+000	9.45899E-001	9.41176E-001	0.00000E+000	1.20224E-006	1.20224E-006	0.00000E+000	0.00000E+000	1.19259E-006
Tractors/Loaders/Backhoes	8.10944E-001	9.18685E-001	-3.07674E-002	0.00000E+000	9.59505E-001	9.55986E-001	0.00000E+000	1.21247E-006	1.21247E-006	0.00000E+000	0.00000E+000	1.20275E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.07	0.01	0.03	0.00	0.55	0.55
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.56
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Trenching	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.51	97.51	97.53	97.67	97.51
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.10	0.32		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				

	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
Yes	On-site Renewable	556,200.00	

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

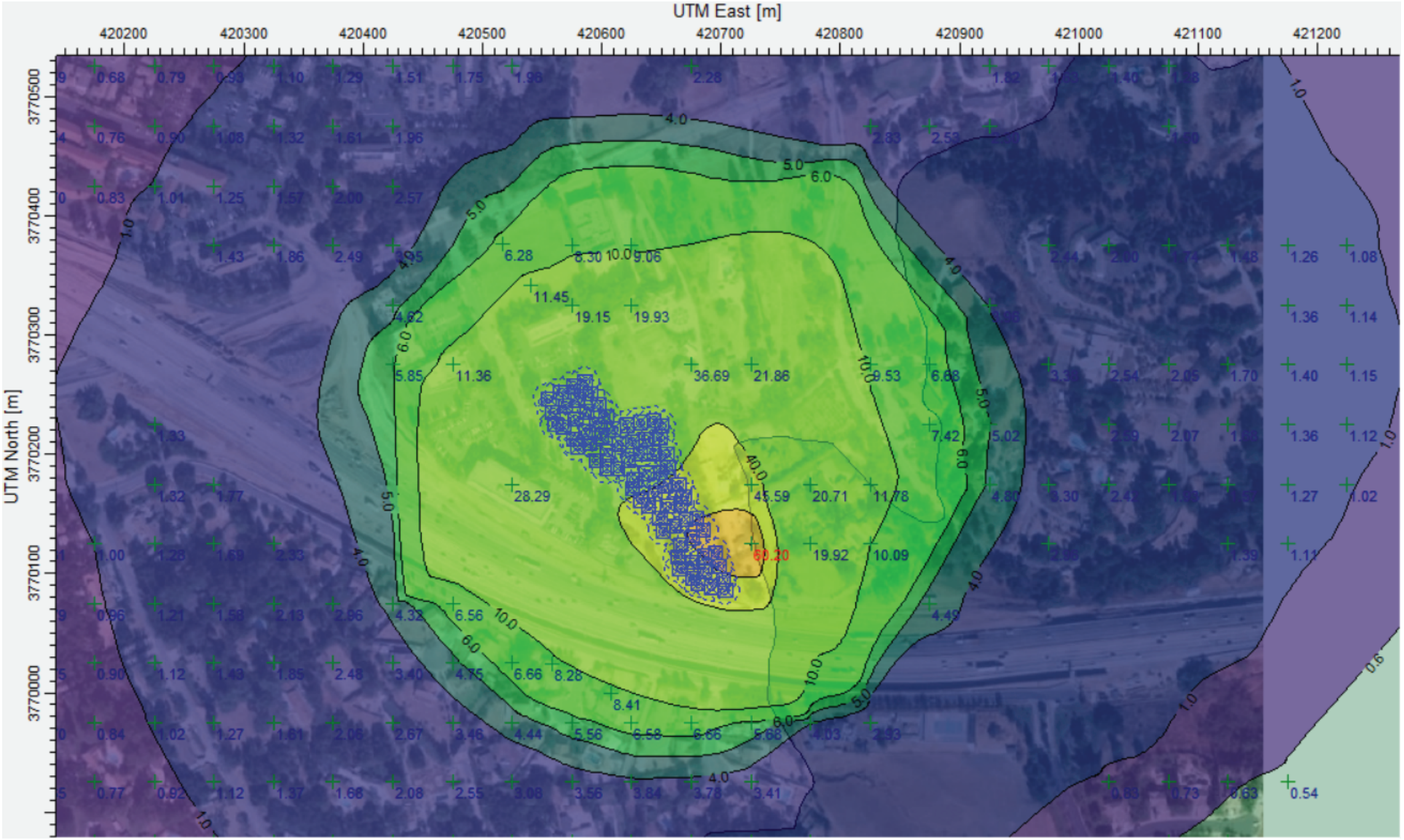
Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	50.00
Percent Reduction in Waste Disposed	

APPENDIX B

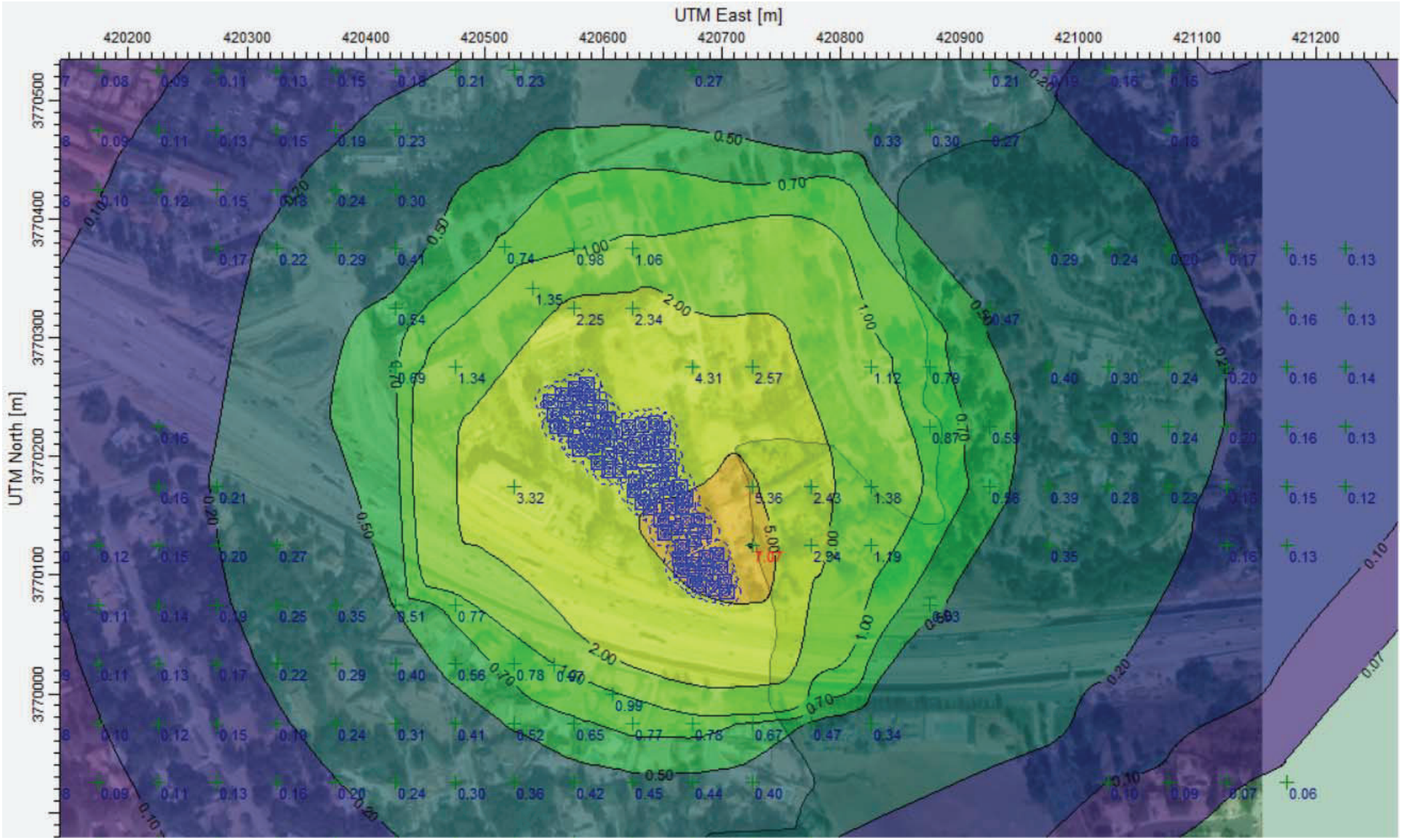
Construction Cancer Risk Isopleths

Figure B-1: Construction Cancer Risk Isopleth - Unmitigated



Note: Cancer risk plots generated with HARP2 and imported into Lakes AERMOD View. Contour values represent increased cancer risk probability (persons in a million)

Figure B-2: Construction Cancer Risk Isopleth – Mitigated



Note: Cancer risk plots generated with HARP2 and imported into Lakes AERMOD View. Contour values represent increased cancer risk probability (persons in a million)

APPENDIX C

HARP2 and AERMOD Output Files

Covina Kaiser MOB Project

Construction HRA

Project Construction Emissions

	Unmitigated	Mitigated
Year	**DPM tons/year**	**DPM tons/year**
2020	0.1457	0.0097
2021	0.0769	0.0165
Total	**0.223**	**0.026**
Total Lbs	**445.200**	**52.320**
Lbs/year	**363.372**	**42.704**
Lbs/hour	**0.17**	**0.02**

Conversions:

1 ton =	2,000	lb		
Construction =	8	hours/day	Project Construction:	321 days
	2096	hours/year		1.23 years
	262	days/year		
	12	months		

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Construction	70	1.00	5.00	2.33	11.63

Receptor Grid

Name	Grid Size	Spacing
UCART1	2 km x 2 km	50 m

Meteorological Data

Station Name	Years	Lat	Long	Elev (m)
Azusa	2012-2016	34.1365	-117.9239	182

Source: SCAQMD 2019

Source: http://www.aqmd.gov/home/air-quality/meteorological-data/data-for-aermod

Population

County	2010 Population
LA	9,818,605

Source: http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance

Other Model Assumption

Terrain Data	NED 1
Lakes Version	9.7.0
AERMOD Version	18081
HARP2 - ADMRT Version	19121

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** Lakes Environmental AERMOD MPI
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** AERMOD Input Produced by:
** AERMOD View Ver. 9.7.0
** Lakes Environmental Software Inc.
** Date: 9/12/2019
** File: C:\Lakes\AERMOD View\Covina Kaiser MOB\Covina Kaiser MOB.ADI
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**
**
****************************************
** AERMOD Control Pathway
****************************************
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  TITLETWO Covina Kaiser MOB Construction HRA
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
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CO FINISHED
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****************************************
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** PREFIX
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URBANSRC ALL

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** Variable Emission Scenario: "Scenario 1"
** Season = Winter; Day of Week = Monday

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EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000003   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000003   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000003   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall; Day of Week = Tuesday

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EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

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EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000004   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000010   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000002   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000003   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000003   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000041   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000054   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000055   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring; Day of Week = Friday

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EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000020   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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 EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000063    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000064    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000065    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000066    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000067    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000068    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000001    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000002    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000003    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000004    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000005    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000006    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000007    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000008    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000009    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000010    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000011    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068   SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000069    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
 EMISFACT L0000070    SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042   SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

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EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000001    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000002    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000003    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000004    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000005    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000006    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000007    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000008    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000009    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000010    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000011    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000012    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000013    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000014    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000015    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000016    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000017    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000018    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000038    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000051    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000052    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000055    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000056    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000058    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000059    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000062    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000063    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000064    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000065    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000066    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000067    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000070    SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
  INCLUDED "Covina Kaiser MOB.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
```

```
**
ME STARTING
  SURFFILE AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
  PROFFILE AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL
  SURFDATA 3179 2012
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 182.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "Covina Kaiser MOB.AD\01H1GALL.PLT" 31
  PLOTFILE PERIOD ALL "Covina Kaiser MOB.AD\PE00GALL.PLT" 32
  SUMMFILE "Covina Kaiser MOB.sum"
OU FINISHED


 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

 A Total of         0 Fatal Error Message(s)
 A Total of         2 Warning Message(s)
 A Total of         0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
          ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186    6164      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
 ME W187    6164      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Covina Kaiser MOB\Covina Kaiser MOB.isc        ***       09/12/19
 *** AERMET - VERSION  16216 ***   *** Covina Kaiser MOB Construction HRA                                 ***       14:56:34
                                                                                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             ***     MODEL SETUP OPTIONS SUMMARY      ***
 ------------------------------------------------------------------------

 **Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
```

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 70 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9818605.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 70 Source(s); 1 Source Group(s); and 1217 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 70 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 182.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: Covina Kaiser MOB.err
**File for Summary of Results: Covina Kaiser MOB.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.14286E-01	420555.5	3770246.6	188.4	5.00	5.41	1.08	YES	SHRDOW7
L0000002	0	0.14286E-01	420565.9	3770251.8	188.4	5.00	5.41	1.08	YES	SHRDOW7
L0000003	0	0.14286E-01	420576.3	3770257.1	188.6	5.00	5.41	1.08	YES	SHRDOW7
L0000004	0	0.14286E-01	420586.1	3770260.4	189.6	5.00	5.41	1.08	YES	SHRDOW7
L0000005	0	0.14286E-01	420590.3	3770250.8	190.1	5.00	5.41	1.08	YES	SHRDOW7
L0000006	0	0.14286E-01	420579.9	3770245.6	189.3	5.00	5.41	1.08	YES	SHRDOW7
L0000007	0	0.14286E-01	420569.5	3770240.4	189.3	5.00	5.41	1.08	YES	SHRDOW7
L0000008	0	0.14286E-01	420559.1	3770235.2	189.4	5.00	5.41	1.08	YES	SHRDOW7
L0000009	0	0.14286E-01	420561.3	3770224.7	189.1	5.00	5.41	1.08	YES	SHRDOW7
L0000010	0	0.14286E-01	420568.2	3770222.9	189.3	5.00	5.41	1.08	YES	SHRDOW7
L0000011	0	0.14286E-01	420578.0	3770229.2	189.6	5.00	5.41	1.08	YES	SHRDOW7
L0000012	0	0.14286E-01	420587.8	3770235.5	189.8	5.00	5.41	1.08	YES	SHRDOW7
L0000013	0	0.14286E-01	420597.6	3770241.7	190.2	5.00	5.41	1.08	YES	SHRDOW7
L0000014	0	0.14286E-01	420603.8	3770231.9	190.2	5.00	5.41	1.08	YES	SHRDOW7
L0000015	0	0.14286E-01	420596.2	3770225.1	190.4	5.00	5.41	1.08	YES	SHRDOW7
L0000016	0	0.14286E-01	420586.4	3770218.7	190.1	5.00	5.41	1.08	YES	SHRDOW7
L0000017	0	0.14286E-01	420576.7	3770212.3	189.5	5.00	5.41	1.08	YES	SHRDOW7
L0000018	0	0.14286E-01	420579.8	3770206.5	189.7	5.00	5.41	1.08	YES	SHRDOW7
L0000019	0	0.14286E-01	420590.0	3770209.4	190.7	5.00	5.41	1.08	YES	SHRDOW7
L0000020	0	0.14286E-01	420600.1	3770215.2	191.3	5.00	5.41	1.08	YES	SHRDOW7
L0000021	0	0.14286E-01	420610.2	3770221.0	191.5	5.00	5.41	1.08	YES	SHRDOW7
L0000022	0	0.14286E-01	420621.1	3770224.5	192.2	5.00	5.41	1.08	YES	SHRDOW7
L0000023	0	0.14286E-01	420632.5	3770226.5	193.2	5.00	5.41	1.08	YES	SHRDOW7
L0000024	0	0.14286E-01	420644.0	3770228.5	193.4	5.00	5.41	1.08	YES	SHRDOW7
L0000025	0	0.14286E-01	420650.3	3770224.0	193.4	5.00	5.41	1.08	YES	SHRDOW7
L0000026	0	0.14286E-01	420648.8	3770214.1	193.3	5.00	5.41	1.08	YES	SHRDOW7
L0000027	0	0.14286E-01	420637.3	3770212.3	193.1	5.00	5.41	1.08	YES	SHRDOW7
L0000028	0	0.14286E-01	420625.8	3770210.5	192.8	5.00	5.41	1.08	YES	SHRDOW7
L0000029	0	0.14286E-01	420614.3	3770208.6	192.6	5.00	5.41	1.08	YES	SHRDOW7
L0000030	0	0.14286E-01	420605.0	3770201.9	192.4	5.00	5.41	1.08	YES	SHRDOW7
L0000031	0	0.14286E-01	420595.8	3770194.8	191.5	5.00	5.41	1.08	YES	SHRDOW7
L0000032	0	0.14286E-01	420604.2	3770187.7	191.8	5.00	5.41	1.08	YES	SHRDOW7
L0000033	0	0.14286E-01	420613.3	3770187.8	192.1	5.00	5.41	1.08	YES	SHRDOW7
L0000034	0	0.14286E-01	420622.3	3770195.2	192.5	5.00	5.41	1.08	YES	SHRDOW7
L0000035	0	0.14286E-01	420632.3	3770200.0	192.9	5.00	5.41	1.08	YES	SHRDOW7
L0000036	0	0.14286E-01	420643.9	3770201.0	193.1	5.00	5.41	1.08	YES	SHRDOW7
L0000037	0	0.14286E-01	420654.2	3770200.4	193.3	5.00	5.41	1.08	YES	SHRDOW7

L0000038	0	0.14286E-01	420655.4	3770188.9	193.5	5.00	5.41	1.08	YES	SHRDOW7
L0000039	0	0.14286E-01	420649.0	3770184.3	193.2	5.00	5.41	1.08	YES	SHRDOW7
L0000040	0	0.14286E-01	420637.6	3770183.8	192.7	5.00	5.41	1.08	YES	SHRDOW7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.14286E-01	420627.3	3770178.4	192.2	5.00	5.41	1.08	YES	SHRDOW7
L0000042	0	0.14286E-01	420625.6	3770171.0	192.1	5.00	5.41	1.08	YES	SHRDOW7
L0000043	0	0.14286E-01	420632.5	3770161.7	192.4	5.00	5.41	1.08	YES	SHRDOW7
L0000044	0	0.14286E-01	420639.1	3770157.0	192.8	5.00	5.41	1.08	YES	SHRDOW7
L0000045	0	0.14286E-01	420644.5	3770167.4	193.0	5.00	5.41	1.08	YES	SHRDOW7
L0000046	0	0.14286E-01	420653.0	3770173.2	193.5	5.00	5.41	1.08	YES	SHRDOW7
L0000047	0	0.14286E-01	420664.5	3770174.8	194.3	5.00	5.41	1.08	YES	SHRDOW7
L0000048	0	0.14286E-01	420669.0	3770164.1	194.4	5.00	5.41	1.08	YES	SHRDOW7
L0000049	0	0.14286E-01	420666.1	3770158.1	194.2	5.00	5.41	1.08	YES	SHRDOW7
L0000050	0	0.14286E-01	420655.3	3770156.2	193.6	5.00	5.41	1.08	YES	SHRDOW7
L0000051	0	0.14286E-01	420648.9	3770146.5	193.4	5.00	5.41	1.08	YES	SHRDOW7
L0000052	0	0.14286E-01	420651.5	3770135.6	193.5	5.00	5.41	1.08	YES	SHRDOW7
L0000053	0	0.14286E-01	420660.8	3770139.6	193.8	5.00	5.41	1.08	YES	SHRDOW7
L0000054	0	0.14286E-01	420670.8	3770145.6	194.1	5.00	5.41	1.08	YES	SHRDOW7
L0000055	0	0.14286E-01	420679.5	3770146.2	194.3	5.00	5.41	1.08	YES	SHRDOW7
L0000056	0	0.14286E-01	420685.5	3770136.3	194.7	5.00	5.41	1.08	YES	SHRDOW7
L0000057	0	0.14286E-01	420676.3	3770130.0	194.2	5.00	5.41	1.08	YES	SHRDOW7
L0000058	0	0.14286E-01	420666.4	3770123.9	193.9	5.00	5.41	1.08	YES	SHRDOW7
L0000059	0	0.14286E-01	420663.9	3770114.1	193.9	5.00	5.41	1.08	YES	SHRDOW7
L0000060	0	0.14286E-01	420665.7	3770103.6	194.5	5.00	5.41	1.08	YES	SHRDOW7
L0000061	0	0.14286E-01	420676.0	3770109.2	194.4	5.00	5.41	1.08	YES	SHRDOW7
L0000062	0	0.14286E-01	420686.2	3770114.7	194.7	5.00	5.41	1.08	YES	SHRDOW7
L0000063	0	0.14286E-01	420695.2	3770117.1	195.2	5.00	5.41	1.08	YES	SHRDOW7
L0000064	0	0.14286E-01	420698.7	3770106.0	195.2	5.00	5.41	1.08	YES	SHRDOW7
L0000065	0	0.14286E-01	420702.2	3770094.9	195.2	5.00	5.41	1.08	YES	SHRDOW7
L0000066	0	0.14286E-01	420703.5	3770085.9	195.2	5.00	5.41	1.08	YES	SHRDOW7
L0000067	0	0.14286E-01	420692.2	3770088.9	195.4	5.00	5.41	1.08	YES	SHRDOW7
L0000068	0	0.14286E-01	420681.0	3770091.9	195.4	5.00	5.41	1.08	YES	SHRDOW7
L0000069	0	0.14286E-01	420676.1	3770095.7	195.2	5.00	5.41	1.08	YES	SHRDOW7
L0000070	0	0.14286E-01	420686.2	3770101.5	195.0	5.00	5.41	1.08	YES	SHRDOW7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

ALL L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,

L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,

L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,

L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
9818605.		L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Covina Kaiser MOB\Covina Kaiser MOB.isc *** 09/12/19
*** AERMET - VERSION 16216 *** *** Covina Kaiser MOB Construction HRA *** 14:56:34

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = FRIDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SUMMER; DAY OF WEEK = SATURDAY

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SEASON = FALL ; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SUMMER; DAY OF WEEK = SUNDAY

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SEASON = FALL ; DAY OF WEEK = SUNDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = FALL ; DAY OF WEEK = MONDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = TUESDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SUNDAY

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SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY															

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = FRIDAY

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SEASON = FALL ; DAY OF WEEK = FRIDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SUMMER; DAY OF WEEK = SUNDAY

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SEASON = FALL ; DAY OF WEEK = SUNDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

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SEASON = SPRING; DAY OF WEEK = FRIDAY

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SEASON = WINTER; DAY OF WEEK = SATURDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = THURSDAY															

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = WEDNESDY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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SEASON = SUMMER; DAY OF WEEK = WEDNESDY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = FALL ; DAY OF WEEK = FRIDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY

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SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SPRING; DAY OF WEEK = THURSDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
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SEASON = WINTER; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SATURDAY

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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SEASON = FALL ; DAY OF WEEK = SUNDAY

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01

9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(419475.0, 3769175.0, 189.5, 419.0, 0.0); (419525.0, 3769175.0, 189.4, 419.0, 0.0);
(419575.0, 3769175.0, 186.3, 419.0, 0.0); (419625.0, 3769175.0, 183.8, 419.0, 0.0);
(419675.0, 3769175.0, 193.3, 419.0, 0.0); (419725.0, 3769175.0, 193.5, 419.0, 0.0);
(419775.0, 3769175.0, 193.0, 419.0, 0.0); (419925.0, 3769175.0, 194.3, 419.0, 0.0);
(419975.0, 3769175.0, 198.3, 419.0, 0.0); (420025.0, 3769175.0, 199.5, 419.0, 0.0);
(420075.0, 3769175.0, 204.1, 419.0, 0.0); (420125.0, 3769175.0, 204.4, 419.0, 0.0);
(420175.0, 3769175.0, 201.9, 419.0, 0.0); (420225.0, 3769175.0, 206.7, 419.0, 0.0);
(420275.0, 3769175.0, 212.9, 419.0, 0.0); (420325.0, 3769175.0, 218.2, 419.0, 0.0);
(420375.0, 3769175.0, 227.4, 419.0, 0.0); (420425.0, 3769175.0, 234.0, 419.0, 0.0);
(420475.0, 3769175.0, 246.4, 419.0, 0.0); (420525.0, 3769175.0, 252.4, 419.0, 0.0);

(420575.0, 3769175.0, 247.2, 419.0, 0.0); (420625.0, 3769175.0, 244.6, 419.0, 0.0);
(420675.0, 3769175.0, 252.0, 419.0, 0.0); (420725.0, 3769175.0, 249.5, 419.0, 0.0);
(420775.0, 3769175.0, 249.4, 419.0, 0.0); (420825.0, 3769175.0, 243.7, 419.0, 0.0);
(421025.0, 3769175.0, 302.9, 419.0, 0.0); (421225.0, 3769175.0, 267.4, 419.0, 0.0);
(421275.0, 3769175.0, 269.6, 419.0, 0.0); (421425.0, 3769175.0, 284.8, 419.0, 0.0);
(421475.0, 3769175.0, 301.3, 419.0, 0.0); (419475.0, 3769225.0, 187.7, 419.0, 0.0);
(419525.0, 3769225.0, 185.0, 419.0, 0.0); (419575.0, 3769225.0, 183.8, 419.0, 0.0);
(419675.0, 3769225.0, 192.9, 419.0, 0.0); (419725.0, 3769225.0, 192.4, 419.0, 0.0);
(419775.0, 3769225.0, 192.5, 419.0, 0.0); (419875.0, 3769225.0, 185.9, 419.0, 0.0);
(419925.0, 3769225.0, 198.5, 419.0, 0.0); (419975.0, 3769225.0, 191.9, 419.0, 0.0);
(420025.0, 3769225.0, 198.1, 419.0, 0.0); (420075.0, 3769225.0, 200.8, 419.0, 0.0);
(420125.0, 3769225.0, 196.7, 419.0, 0.0); (420175.0, 3769225.0, 198.8, 419.0, 0.0);
(420225.0, 3769225.0, 207.2, 419.0, 0.0); (420275.0, 3769225.0, 211.0, 419.0, 0.0);
(420325.0, 3769225.0, 214.5, 419.0, 0.0); (420375.0, 3769225.0, 219.0, 419.0, 0.0);
(420425.0, 3769225.0, 225.2, 419.0, 0.0); (420475.0, 3769225.0, 233.6, 419.0, 0.0);
(420525.0, 3769225.0, 233.6, 419.0, 0.0); (420575.0, 3769225.0, 228.7, 419.0, 0.0);
(420625.0, 3769225.0, 230.5, 419.0, 0.0); (420675.0, 3769225.0, 244.6, 419.0, 0.0);
(420875.0, 3769225.0, 257.4, 419.0, 0.0); (421175.0, 3769225.0, 260.5, 419.0, 0.0);
(421225.0, 3769225.0, 259.8, 419.0, 0.0); (421275.0, 3769225.0, 264.1, 419.0, 0.0);
(421325.0, 3769225.0, 269.5, 419.0, 0.0); (419475.0, 3769275.0, 185.5, 419.0, 0.0);
(419525.0, 3769275.0, 181.5, 419.0, 0.0); (419725.0, 3769275.0, 190.2, 419.0, 0.0);
(419775.0, 3769275.0, 189.2, 419.0, 0.0); (419875.0, 3769275.0, 184.9, 419.0, 0.0);
(419925.0, 3769275.0, 188.5, 419.0, 0.0); (419975.0, 3769275.0, 191.2, 419.0, 0.0);
(420125.0, 3769275.0, 192.5, 419.0, 0.0); (420175.0, 3769275.0, 196.0, 419.0, 0.0);
(420225.0, 3769275.0, 200.9, 419.0, 0.0); (420275.0, 3769275.0, 201.6, 419.0, 0.0);
(420325.0, 3769275.0, 205.5, 419.0, 0.0); (420375.0, 3769275.0, 210.7, 419.0, 0.0);
(420425.0, 3769275.0, 215.5, 419.0, 0.0); (420475.0, 3769275.0, 219.6, 419.0, 0.0);
(420525.0, 3769275.0, 217.7, 419.0, 0.0); (420575.0, 3769275.0, 221.8, 419.0, 0.0);
(420625.0, 3769275.0, 228.2, 419.0, 0.0); (420675.0, 3769275.0, 229.7, 419.0, 0.0);
(420725.0, 3769275.0, 225.4, 419.0, 0.0); (420775.0, 3769275.0, 228.7, 419.0, 0.0);
(420825.0, 3769275.0, 242.1, 419.0, 0.0); (420925.0, 3769275.0, 268.6, 419.0, 0.0);
(421175.0, 3769275.0, 252.2, 419.0, 0.0); (421225.0, 3769275.0, 254.4, 419.0, 0.0);
(421275.0, 3769275.0, 258.4, 419.0, 0.0); (421325.0, 3769275.0, 269.8, 419.0, 0.0);
(421375.0, 3769275.0, 270.5, 419.0, 0.0); (421425.0, 3769275.0, 276.3, 419.0, 0.0);
(419475.0, 3769325.0, 185.6, 419.0, 0.0); (419625.0, 3769325.0, 193.8, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(419675.0, 3769325.0, 192.0, 419.0, 0.0); (419725.0, 3769325.0, 188.2, 419.0, 0.0);
(419775.0, 3769325.0, 185.7, 419.0, 0.0); (419825.0, 3769325.0, 183.5, 419.0, 0.0);
(419925.0, 3769325.0, 190.8, 419.0, 0.0); (419975.0, 3769325.0, 190.6, 419.0, 0.0);
(420025.0, 3769325.0, 193.7, 419.0, 0.0); (420075.0, 3769325.0, 194.8, 419.0, 0.0);
(420175.0, 3769325.0, 193.2, 419.0, 0.0); (420225.0, 3769325.0, 194.4, 419.0, 0.0);
(420275.0, 3769325.0, 196.6, 419.0, 0.0); (420325.0, 3769325.0, 200.8, 419.0, 0.0);
(420375.0, 3769325.0, 201.0, 419.0, 0.0); (420425.0, 3769325.0, 205.5, 419.0, 0.0);
(420475.0, 3769325.0, 206.4, 419.0, 0.0); (420525.0, 3769325.0, 209.6, 419.0, 0.0);
(420575.0, 3769325.0, 217.6, 419.0, 0.0); (420625.0, 3769325.0, 217.4, 419.0, 0.0);
(420675.0, 3769325.0, 218.1, 419.0, 0.0); (420725.0, 3769325.0, 224.4, 419.0, 0.0);
(420775.0, 3769325.0, 230.8, 419.0, 0.0); (420825.0, 3769325.0, 243.6, 419.0, 0.0);
(420925.0, 3769325.0, 267.2, 419.0, 0.0); (421125.0, 3769325.0, 246.7, 419.0, 0.0);
(421175.0, 3769325.0, 247.8, 419.0, 0.0); (421225.0, 3769325.0, 248.6, 419.0, 0.0);

(421275.0, 3769325.0, 256.6, 419.0, 0.0); (421325.0, 3769325.0, 262.7, 419.0, 0.0);
(421375.0, 3769325.0, 267.9, 419.0, 0.0); (421475.0, 3769325.0, 283.2, 419.0, 0.0);
(419625.0, 3769375.0, 188.0, 419.0, 0.0); (419675.0, 3769375.0, 188.6, 419.0, 0.0);
(419725.0, 3769375.0, 185.2, 419.0, 0.0); (419775.0, 3769375.0, 182.5, 419.0, 0.0);
(419825.0, 3769375.0, 182.7, 419.0, 0.0); (420075.0, 3769375.0, 190.9, 419.0, 0.0);
(420275.0, 3769375.0, 200.4, 419.0, 0.0); (420325.0, 3769375.0, 207.7, 419.0, 0.0);
(420725.0, 3769375.0, 233.0, 419.0, 0.0); (420925.0, 3769375.0, 259.9, 419.0, 0.0);
(420975.0, 3769375.0, 252.0, 419.0, 0.0); (421125.0, 3769375.0, 241.3, 419.0, 0.0);
(421175.0, 3769375.0, 243.5, 419.0, 0.0); (421225.0, 3769375.0, 245.8, 419.0, 0.0);
(421275.0, 3769375.0, 252.1, 419.0, 0.0); (421325.0, 3769375.0, 258.8, 419.0, 0.0);
(421425.0, 3769375.0, 282.9, 419.0, 0.0); (421475.0, 3769375.0, 283.4, 419.0, 0.0);
(421525.0, 3769375.0, 285.5, 419.0, 0.0); (421575.0, 3769375.0, 283.6, 419.0, 0.0);
(421625.0, 3769375.0, 281.4, 419.0, 0.0); (419575.0, 3769425.0, 184.9, 419.0, 0.0);
(419625.0, 3769425.0, 185.8, 419.0, 0.0); (419675.0, 3769425.0, 184.9, 419.0, 0.0);
(419725.0, 3769425.0, 183.1, 419.0, 0.0); (419775.0, 3769425.0, 182.2, 419.0, 0.0);
(419825.0, 3769425.0, 179.3, 419.0, 0.0); (419925.0, 3769425.0, 181.9, 419.0, 0.0);
(419975.0, 3769425.0, 182.6, 419.0, 0.0); (420175.0, 3769425.0, 192.0, 419.0, 0.0);
(420225.0, 3769425.0, 196.6, 419.0, 0.0); (420275.0, 3769425.0, 205.5, 419.0, 0.0);
(420325.0, 3769425.0, 215.1, 419.0, 0.0); (420425.0, 3769425.0, 217.4, 419.0, 0.0);
(420475.0, 3769425.0, 220.2, 419.0, 0.0); (420725.0, 3769425.0, 239.1, 419.0, 0.0);
(420875.0, 3769425.0, 260.5, 419.0, 0.0); (421075.0, 3769425.0, 238.3, 419.0, 0.0);
(421175.0, 3769425.0, 241.0, 419.0, 0.0); (421225.0, 3769425.0, 244.9, 419.0, 0.0);
(421375.0, 3769425.0, 278.2, 419.0, 0.0); (421425.0, 3769425.0, 280.4, 419.0, 0.0);
(421475.0, 3769425.0, 281.2, 419.0, 0.0); (421525.0, 3769425.0, 285.3, 419.0, 0.0);
(421575.0, 3769425.0, 283.6, 419.0, 0.0); (421625.0, 3769425.0, 281.5, 419.0, 0.0);
(419525.0, 3769475.0, 183.8, 419.0, 0.0); (419575.0, 3769475.0, 179.8, 419.0, 0.0);
(419625.0, 3769475.0, 178.8, 419.0, 0.0); (419675.0, 3769475.0, 182.3, 419.0, 0.0);
(419725.0, 3769475.0, 184.0, 419.0, 0.0); (419775.0, 3769475.0, 181.0, 419.0, 0.0);
(419825.0, 3769475.0, 178.1, 419.0, 0.0); (419925.0, 3769475.0, 178.5, 419.0, 0.0);
(419975.0, 3769475.0, 179.2, 419.0, 0.0); (420225.0, 3769475.0, 202.1, 419.0, 0.0);
(420275.0, 3769475.0, 207.0, 419.0, 0.0); (420325.0, 3769475.0, 216.1, 419.0, 0.0);
(420375.0, 3769475.0, 227.4, 419.0, 0.0); (420425.0, 3769475.0, 227.5, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420475.0, 3769475.0, 229.6, 419.0, 0.0); (420725.0, 3769475.0, 252.0, 419.0, 0.0);
(420775.0, 3769475.0, 258.7, 419.0, 0.0); (420825.0, 3769475.0, 254.4, 419.0, 0.0);
(420875.0, 3769475.0, 249.4, 419.0, 0.0); (421025.0, 3769475.0, 233.1, 419.0, 0.0);
(421125.0, 3769475.0, 236.3, 419.0, 0.0); (421175.0, 3769475.0, 246.3, 419.0, 0.0);
(421325.0, 3769475.0, 275.9, 419.0, 0.0); (421375.0, 3769475.0, 278.5, 419.0, 0.0);
(421425.0, 3769475.0, 279.8, 419.0, 0.0); (421575.0, 3769475.0, 272.8, 419.0, 0.0);
(421625.0, 3769475.0, 274.5, 419.0, 0.0); (419525.0, 3769525.0, 180.0, 419.0, 0.0);
(419575.0, 3769525.0, 174.6, 419.0, 0.0); (419625.0, 3769525.0, 176.3, 419.0, 0.0);
(419825.0, 3769525.0, 176.2, 419.0, 0.0); (419925.0, 3769525.0, 180.7, 419.0, 0.0);
(419975.0, 3769525.0, 183.2, 419.0, 0.0); (420025.0, 3769525.0, 180.8, 419.0, 0.0);
(420075.0, 3769525.0, 183.1, 419.0, 0.0); (420275.0, 3769525.0, 209.3, 419.0, 0.0);
(420325.0, 3769525.0, 216.8, 419.0, 0.0); (420375.0, 3769525.0, 227.1, 419.0, 0.0);
(420425.0, 3769525.0, 231.4, 419.0, 0.0); (420475.0, 3769525.0, 232.4, 419.0, 0.0);
(420775.0, 3769525.0, 246.5, 419.0, 0.0); (420825.0, 3769525.0, 241.4, 419.0, 0.0);
(420975.0, 3769525.0, 231.2, 419.0, 0.0); (421075.0, 3769525.0, 229.0, 419.0, 0.0);
(421325.0, 3769525.0, 277.1, 419.0, 0.0); (421375.0, 3769525.0, 276.9, 419.0, 0.0);

(421425.0, 3769525.0, 270.8, 419.0, 0.0); (421475.0, 3769525.0, 279.6, 419.0, 0.0);
(421575.0, 3769525.0, 268.1, 419.0, 0.0); (421625.0, 3769525.0, 268.7, 419.0, 0.0);
(419475.0, 3769575.0, 177.8, 419.0, 0.0); (419525.0, 3769575.0, 174.3, 419.0, 0.0);
(419575.0, 3769575.0, 175.2, 419.0, 0.0); (419625.0, 3769575.0, 177.8, 419.0, 0.0);
(419675.0, 3769575.0, 182.7, 419.0, 0.0); (419725.0, 3769575.0, 180.7, 419.0, 0.0);
(419775.0, 3769575.0, 174.9, 419.0, 0.0); (419925.0, 3769575.0, 179.7, 419.0, 0.0);
(419975.0, 3769575.0, 180.2, 419.0, 0.0); (420075.0, 3769575.0, 184.6, 419.0, 0.0);
(420225.0, 3769575.0, 196.0, 419.0, 0.0); (420275.0, 3769575.0, 206.0, 419.0, 0.0);
(420325.0, 3769575.0, 212.2, 419.0, 0.0); (420775.0, 3769575.0, 233.1, 419.0, 0.0);
(420825.0, 3769575.0, 229.1, 419.0, 0.0); (420925.0, 3769575.0, 226.5, 419.0, 0.0);
(420975.0, 3769575.0, 226.3, 419.0, 0.0); (421575.0, 3769575.0, 261.7, 419.0, 0.0);
(421625.0, 3769575.0, 262.9, 419.0, 0.0); (419475.0, 3769625.0, 172.5, 419.0, 0.0);
(419525.0, 3769625.0, 173.0, 419.0, 0.0); (419575.0, 3769625.0, 179.9, 419.0, 0.0);
(419625.0, 3769625.0, 179.9, 419.0, 0.0); (419675.0, 3769625.0, 179.3, 419.0, 0.0);
(419725.0, 3769625.0, 177.7, 419.0, 0.0); (419775.0, 3769625.0, 175.3, 419.0, 0.0);
(419875.0, 3769625.0, 178.2, 419.0, 0.0); (420125.0, 3769625.0, 183.7, 419.0, 0.0);
(420175.0, 3769625.0, 186.8, 419.0, 0.0); (420275.0, 3769625.0, 197.9, 419.0, 0.0);
(420325.0, 3769625.0, 208.0, 419.0, 0.0); (420375.0, 3769625.0, 215.9, 419.0, 0.0);
(420425.0, 3769625.0, 203.0, 419.0, 0.0); (420475.0, 3769625.0, 211.9, 419.0, 0.0);
(420525.0, 3769625.0, 230.6, 419.0, 0.0); (420675.0, 3769625.0, 235.1, 419.0, 0.0);
(420725.0, 3769625.0, 229.5, 419.0, 0.0); (420775.0, 3769625.0, 222.4, 419.0, 0.0);
(420825.0, 3769625.0, 217.2, 419.0, 0.0); (420925.0, 3769625.0, 221.7, 419.0, 0.0);
(421525.0, 3769625.0, 250.5, 419.0, 0.0); (421575.0, 3769625.0, 253.6, 419.0, 0.0);
(421625.0, 3769625.0, 257.1, 419.0, 0.0); (419475.0, 3769675.0, 172.0, 419.0, 0.0);
(419525.0, 3769675.0, 171.8, 419.0, 0.0); (419575.0, 3769675.0, 180.4, 419.0, 0.0);
(419625.0, 3769675.0, 179.8, 419.0, 0.0); (419675.0, 3769675.0, 179.0, 419.0, 0.0);
(419725.0, 3769675.0, 177.1, 419.0, 0.0); (419825.0, 3769675.0, 177.0, 419.0, 0.0);
(419875.0, 3769675.0, 176.0, 419.0, 0.0); (419925.0, 3769675.0, 177.5, 419.0, 0.0);
(419975.0, 3769675.0, 182.2, 419.0, 0.0); (420025.0, 3769675.0, 182.9, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420075.0, 3769675.0, 181.2, 419.0, 0.0); (420125.0, 3769675.0, 184.1, 419.0, 0.0);
(420275.0, 3769675.0, 193.0, 419.0, 0.0); (420375.0, 3769675.0, 198.5, 419.0, 0.0);
(420425.0, 3769675.0, 197.5, 419.0, 0.0); (420475.0, 3769675.0, 208.5, 419.0, 0.0);
(420525.0, 3769675.0, 218.6, 419.0, 0.0); (420575.0, 3769675.0, 227.8, 419.0, 0.0);
(420625.0, 3769675.0, 231.6, 419.0, 0.0); (420675.0, 3769675.0, 224.7, 419.0, 0.0);
(420725.0, 3769675.0, 221.4, 419.0, 0.0); (420925.0, 3769675.0, 219.3, 419.0, 0.0);
(419475.0, 3769725.0, 171.4, 419.0, 0.0); (419525.0, 3769725.0, 171.7, 419.0, 0.0);
(419575.0, 3769725.0, 174.6, 419.0, 0.0); (419625.0, 3769725.0, 175.0, 419.0, 0.0);
(419675.0, 3769725.0, 176.7, 419.0, 0.0); (419725.0, 3769725.0, 172.4, 419.0, 0.0);
(419825.0, 3769725.0, 176.8, 419.0, 0.0); (419875.0, 3769725.0, 174.2, 419.0, 0.0);
(419925.0, 3769725.0, 178.3, 419.0, 0.0); (419975.0, 3769725.0, 182.5, 419.0, 0.0);
(420025.0, 3769725.0, 182.3, 419.0, 0.0); (420075.0, 3769725.0, 183.1, 419.0, 0.0);
(420125.0, 3769725.0, 184.4, 419.0, 0.0); (420175.0, 3769725.0, 187.7, 419.0, 0.0);
(420225.0, 3769725.0, 186.5, 419.0, 0.0); (420275.0, 3769725.0, 189.4, 419.0, 0.0);
(420375.0, 3769725.0, 189.8, 419.0, 0.0); (420425.0, 3769725.0, 195.2, 419.0, 0.0);
(420475.0, 3769725.0, 201.6, 419.0, 0.0); (420525.0, 3769725.0, 212.0, 419.0, 0.0);
(420575.0, 3769725.0, 217.4, 419.0, 0.0); (420625.0, 3769725.0, 224.2, 419.0, 0.0);
(420675.0, 3769725.0, 223.0, 419.0, 0.0); (420725.0, 3769725.0, 214.9, 419.0, 0.0);
(420775.0, 3769725.0, 210.4, 419.0, 0.0); (420875.0, 3769725.0, 215.1, 419.0, 0.0);

(420975.0, 3769725.0, 216.3, 419.0, 0.0); (419475.0, 3769775.0, 170.1, 419.0, 0.0);
(419525.0, 3769775.0, 171.1, 419.0, 0.0); (419575.0, 3769775.0, 172.9, 419.0, 0.0);
(419625.0, 3769775.0, 175.5, 419.0, 0.0); (419675.0, 3769775.0, 174.8, 419.0, 0.0);
(419775.0, 3769775.0, 168.5, 419.0, 0.0); (419825.0, 3769775.0, 172.1, 419.0, 0.0);
(419875.0, 3769775.0, 172.8, 419.0, 0.0); (419975.0, 3769775.0, 180.8, 419.0, 0.0);
(420025.0, 3769775.0, 177.3, 419.0, 0.0); (420075.0, 3769775.0, 177.9, 419.0, 0.0);
(420125.0, 3769775.0, 180.3, 419.0, 0.0); (420175.0, 3769775.0, 182.3, 419.0, 0.0);
(420225.0, 3769775.0, 184.6, 419.0, 0.0); (420275.0, 3769775.0, 190.0, 419.0, 0.0);
(420325.0, 3769775.0, 187.8, 419.0, 0.0); (420375.0, 3769775.0, 188.4, 419.0, 0.0);
(420425.0, 3769775.0, 199.9, 419.0, 0.0); (420475.0, 3769775.0, 208.6, 419.0, 0.0);
(420525.0, 3769775.0, 214.8, 419.0, 0.0); (420575.0, 3769775.0, 210.4, 419.0, 0.0);
(420675.0, 3769775.0, 216.1, 419.0, 0.0); (420725.0, 3769775.0, 217.8, 419.0, 0.0);
(420775.0, 3769775.0, 210.6, 419.0, 0.0); (421075.0, 3769775.0, 221.2, 419.0, 0.0);
(419475.0, 3769825.0, 169.7, 419.0, 0.0); (419525.0, 3769825.0, 170.7, 419.0, 0.0);
(419575.0, 3769825.0, 172.4, 419.0, 0.0); (419625.0, 3769825.0, 172.2, 419.0, 0.0);
(419675.0, 3769825.0, 170.1, 419.0, 0.0); (419775.0, 3769825.0, 173.1, 419.0, 0.0);
(419875.0, 3769825.0, 175.3, 419.0, 0.0); (419925.0, 3769825.0, 180.4, 419.0, 0.0);
(419975.0, 3769825.0, 177.6, 419.0, 0.0); (420025.0, 3769825.0, 177.0, 419.0, 0.0);
(420075.0, 3769825.0, 183.3, 419.0, 0.0); (420125.0, 3769825.0, 186.4, 419.0, 0.0);
(420175.0, 3769825.0, 188.9, 419.0, 0.0); (420225.0, 3769825.0, 190.0, 419.0, 0.0);
(420275.0, 3769825.0, 190.9, 419.0, 0.0); (420325.0, 3769825.0, 186.4, 419.0, 0.0);
(420375.0, 3769825.0, 186.8, 419.0, 0.0); (420425.0, 3769825.0, 188.9, 419.0, 0.0);
(420475.0, 3769825.0, 192.6, 419.0, 0.0); (420525.0, 3769825.0, 196.4, 419.0, 0.0);
(420575.0, 3769825.0, 195.5, 419.0, 0.0); (420675.0, 3769825.0, 205.5, 419.0, 0.0);
(420725.0, 3769825.0, 211.7, 419.0, 0.0); (420775.0, 3769825.0, 208.1, 419.0, 0.0);
(421075.0, 3769825.0, 218.0, 419.0, 0.0); (421125.0, 3769825.0, 225.9, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(419475.0, 3769875.0, 166.8, 419.0, 0.0); (419525.0, 3769875.0, 168.2, 419.0, 0.0);
(419575.0, 3769875.0, 168.5, 419.0, 0.0); (419725.0, 3769875.0, 168.6, 419.0, 0.0);
(419775.0, 3769875.0, 168.7, 419.0, 0.0); (419825.0, 3769875.0, 169.1, 419.0, 0.0);
(419875.0, 3769875.0, 173.0, 419.0, 0.0); (419925.0, 3769875.0, 178.8, 419.0, 0.0);
(419975.0, 3769875.0, 174.7, 419.0, 0.0); (420025.0, 3769875.0, 180.2, 419.0, 0.0);
(420075.0, 3769875.0, 186.8, 419.0, 0.0); (420125.0, 3769875.0, 188.9, 419.0, 0.0);
(420175.0, 3769875.0, 188.8, 419.0, 0.0); (420225.0, 3769875.0, 189.8, 419.0, 0.0);
(420275.0, 3769875.0, 184.9, 419.0, 0.0); (420325.0, 3769875.0, 184.9, 419.0, 0.0);
(420375.0, 3769875.0, 187.3, 419.0, 0.0); (420425.0, 3769875.0, 189.4, 419.0, 0.0);
(420475.0, 3769875.0, 190.0, 419.0, 0.0); (420525.0, 3769875.0, 191.8, 419.0, 0.0);
(420575.0, 3769875.0, 193.2, 419.0, 0.0); (420625.0, 3769875.0, 194.5, 419.0, 0.0);
(420675.0, 3769875.0, 201.2, 419.0, 0.0); (420725.0, 3769875.0, 204.6, 419.0, 0.0);
(420775.0, 3769875.0, 202.9, 419.0, 0.0); (421075.0, 3769875.0, 217.1, 419.0, 0.0);
(421125.0, 3769875.0, 219.4, 419.0, 0.0); (419475.0, 3769925.0, 166.5, 419.0, 0.0);
(419525.0, 3769925.0, 166.7, 419.0, 0.0); (419575.0, 3769925.0, 166.9, 419.0, 0.0);
(419625.0, 3769925.0, 167.4, 419.0, 0.0); (419875.0, 3769925.0, 170.3, 419.0, 0.0);
(419925.0, 3769925.0, 171.8, 419.0, 0.0); (419975.0, 3769925.0, 174.2, 419.0, 0.0);
(420025.0, 3769925.0, 181.5, 419.0, 0.0); (420075.0, 3769925.0, 185.9, 419.0, 0.0);
(420125.0, 3769925.0, 184.9, 419.0, 0.0); (420175.0, 3769925.0, 189.3, 419.0, 0.0);
(420225.0, 3769925.0, 185.5, 419.0, 0.0); (420275.0, 3769925.0, 183.0, 419.0, 0.0);
(420325.0, 3769925.0, 185.0, 419.0, 0.0); (420375.0, 3769925.0, 192.9, 419.0, 0.0);
(420425.0, 3769925.0, 193.0, 419.0, 0.0); (420475.0, 3769925.0, 193.3, 419.0, 0.0);

(420525.0, 3769925.0, 195.5, 419.0, 0.0); (420575.0, 3769925.0, 195.5, 419.0, 0.0);
(420625.0, 3769925.0, 196.5, 419.0, 0.0); (420675.0, 3769925.0, 197.7, 419.0, 0.0);
(420725.0, 3769925.0, 197.8, 419.0, 0.0); (421025.0, 3769925.0, 217.9, 419.0, 0.0);
(421075.0, 3769925.0, 217.5, 419.0, 0.0); (421125.0, 3769925.0, 219.3, 419.0, 0.0);
(421175.0, 3769925.0, 222.0, 419.0, 0.0); (419475.0, 3769975.0, 165.2, 419.0, 0.0);
(419525.0, 3769975.0, 165.7, 419.0, 0.0); (419675.0, 3769975.0, 167.2, 419.0, 0.0);
(419725.0, 3769975.0, 171.9, 419.0, 0.0); (419825.0, 3769975.0, 172.0, 419.0, 0.0);
(419875.0, 3769975.0, 174.1, 419.0, 0.0); (419925.0, 3769975.0, 174.0, 419.0, 0.0);
(419975.0, 3769975.0, 174.9, 419.0, 0.0); (420025.0, 3769975.0, 177.1, 419.0, 0.0);
(420075.0, 3769975.0, 180.3, 419.0, 0.0); (420125.0, 3769975.0, 186.0, 419.0, 0.0);
(420175.0, 3769975.0, 187.1, 419.0, 0.0); (420225.0, 3769975.0, 180.6, 419.0, 0.0);
(420275.0, 3769975.0, 182.7, 419.0, 0.0); (420325.0, 3769975.0, 187.7, 419.0, 0.0);
(420375.0, 3769975.0, 189.1, 419.0, 0.0); (420425.0, 3769975.0, 188.4, 419.0, 0.0);
(420475.0, 3769975.0, 191.3, 419.0, 0.0); (420525.0, 3769975.0, 195.3, 419.0, 0.0);
(420575.0, 3769975.0, 195.0, 419.0, 0.0); (420625.0, 3769975.0, 195.9, 419.0, 0.0);
(420675.0, 3769975.0, 198.2, 419.0, 0.0); (420725.0, 3769975.0, 199.0, 419.0, 0.0);
(420775.0, 3769975.0, 201.9, 419.0, 0.0); (420825.0, 3769975.0, 203.8, 419.0, 0.0);
(419475.0, 3770025.0, 164.4, 419.0, 0.0); (419525.0, 3770025.0, 164.4, 419.0, 0.0);
(419625.0, 3770025.0, 165.8, 419.0, 0.0); (419675.0, 3770025.0, 171.3, 419.0, 0.0);
(419725.0, 3770025.0, 174.8, 419.0, 0.0); (419875.0, 3770025.0, 177.1, 419.0, 0.0);
(419925.0, 3770025.0, 179.2, 419.0, 0.0); (419975.0, 3770025.0, 180.7, 419.0, 0.0);
(420025.0, 3770025.0, 182.5, 419.0, 0.0); (420075.0, 3770025.0, 184.0, 419.0, 0.0);
(420125.0, 3770025.0, 185.4, 419.0, 0.0); (420175.0, 3770025.0, 180.1, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420225.0, 3770025.0, 179.6, 419.0, 0.0); (420275.0, 3770025.0, 185.3, 419.0, 0.0);
(420325.0, 3770025.0, 193.0, 419.0, 0.0); (420375.0, 3770025.0, 184.6, 419.0, 0.0);
(420425.0, 3770025.0, 190.9, 419.0, 0.0); (420475.0, 3770025.0, 190.3, 419.0, 0.0);
(420525.0, 3770025.0, 192.4, 419.0, 0.0); (419575.0, 3770075.0, 164.2, 419.0, 0.0);
(419625.0, 3770075.0, 166.1, 419.0, 0.0); (419675.0, 3770075.0, 168.4, 419.0, 0.0);
(419725.0, 3770075.0, 170.1, 419.0, 0.0); (419775.0, 3770075.0, 170.8, 419.0, 0.0);
(419825.0, 3770075.0, 173.2, 419.0, 0.0); (419875.0, 3770075.0, 172.3, 419.0, 0.0);
(419925.0, 3770075.0, 173.8, 419.0, 0.0); (419975.0, 3770075.0, 176.6, 419.0, 0.0);
(420025.0, 3770075.0, 181.8, 419.0, 0.0); (420075.0, 3770075.0, 184.7, 419.0, 0.0);
(420125.0, 3770075.0, 185.1, 419.0, 0.0); (420175.0, 3770075.0, 177.2, 419.0, 0.0);
(420225.0, 3770075.0, 179.0, 419.0, 0.0); (420275.0, 3770075.0, 185.6, 419.0, 0.0);
(420325.0, 3770075.0, 187.8, 419.0, 0.0); (420375.0, 3770075.0, 184.4, 419.0, 0.0);
(420425.0, 3770075.0, 188.5, 419.0, 0.0); (420475.0, 3770075.0, 189.2, 419.0, 0.0);
(420875.0, 3770075.0, 207.2, 419.0, 0.0); (419475.0, 3770125.0, 162.4, 419.0, 0.0);
(419575.0, 3770125.0, 163.7, 419.0, 0.0); (419625.0, 3770125.0, 164.4, 419.0, 0.0);
(419675.0, 3770125.0, 164.8, 419.0, 0.0); (419725.0, 3770125.0, 165.6, 419.0, 0.0);
(419775.0, 3770125.0, 166.3, 419.0, 0.0); (419825.0, 3770125.0, 167.1, 419.0, 0.0);
(419875.0, 3770125.0, 168.1, 419.0, 0.0); (419925.0, 3770125.0, 169.2, 419.0, 0.0);
(419975.0, 3770125.0, 170.5, 419.0, 0.0); (420025.0, 3770125.0, 172.1, 419.0, 0.0);
(420075.0, 3770125.0, 173.6, 419.0, 0.0); (420125.0, 3770125.0, 175.7, 419.0, 0.0);
(420175.0, 3770125.0, 175.7, 419.0, 0.0); (420225.0, 3770125.0, 177.3, 419.0, 0.0);
(420275.0, 3770125.0, 177.4, 419.0, 0.0); (420325.0, 3770125.0, 179.3, 419.0, 0.0);
(420725.0, 3770125.0, 200.5, 419.0, 0.0); (420775.0, 3770125.0, 203.6, 419.0, 0.0);
(420825.0, 3770125.0, 204.6, 419.0, 0.0); (420975.0, 3770125.0, 207.8, 419.0, 0.0);
(421125.0, 3770125.0, 211.0, 419.0, 0.0); (421175.0, 3770125.0, 216.8, 419.0, 0.0);

(421625.0, 3770125.0, 270.0, 419.0, 0.0); (419575.0, 3770175.0, 159.9, 419.0, 0.0);
(419675.0, 3770175.0, 164.7, 419.0, 0.0); (419825.0, 3770175.0, 167.5, 419.0, 0.0);
(419875.0, 3770175.0, 168.3, 419.0, 0.0); (419925.0, 3770175.0, 169.4, 419.0, 0.0);
(419975.0, 3770175.0, 170.4, 419.0, 0.0); (420025.0, 3770175.0, 171.5, 419.0, 0.0);
(420075.0, 3770175.0, 172.8, 419.0, 0.0); (420225.0, 3770175.0, 175.6, 419.0, 0.0);
(420275.0, 3770175.0, 176.8, 419.0, 0.0); (420525.0, 3770175.0, 190.8, 419.0, 0.0);
(420725.0, 3770175.0, 200.4, 419.0, 0.0); (420775.0, 3770175.0, 203.0, 419.0, 0.0);
(420825.0, 3770175.0, 200.7, 419.0, 0.0); (420925.0, 3770175.0, 206.5, 419.0, 0.0);
(420975.0, 3770175.0, 213.1, 419.0, 0.0); (421025.0, 3770175.0, 217.8, 419.0, 0.0);
(421075.0, 3770175.0, 214.2, 419.0, 0.0); (421125.0, 3770175.0, 211.6, 419.0, 0.0);
(421175.0, 3770175.0, 213.5, 419.0, 0.0); (421225.0, 3770175.0, 221.4, 419.0, 0.0);
(421375.0, 3770175.0, 246.8, 419.0, 0.0); (421425.0, 3770175.0, 250.1, 419.0, 0.0);
(421475.0, 3770175.0, 253.4, 419.0, 0.0); (421525.0, 3770175.0, 252.2, 419.0, 0.0);
(421575.0, 3770175.0, 255.4, 419.0, 0.0); (421625.0, 3770175.0, 268.8, 419.0, 0.0);
(419475.0, 3770225.0, 158.8, 419.0, 0.0); (419575.0, 3770225.0, 163.3, 419.0, 0.0);
(419625.0, 3770225.0, 164.4, 419.0, 0.0); (419875.0, 3770225.0, 168.3, 419.0, 0.0);
(420225.0, 3770225.0, 174.6, 419.0, 0.0); (420875.0, 3770225.0, 200.2, 419.0, 0.0);
(420925.0, 3770225.0, 206.2, 419.0, 0.0); (421025.0, 3770225.0, 219.8, 419.0, 0.0);
(421075.0, 3770225.0, 216.4, 419.0, 0.0); (421125.0, 3770225.0, 214.1, 419.0, 0.0);
(421175.0, 3770225.0, 216.4, 419.0, 0.0); (421225.0, 3770225.0, 220.6, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(421375.0, 3770225.0, 253.8, 419.0, 0.0); (421425.0, 3770225.0, 258.8, 419.0, 0.0);
(421475.0, 3770225.0, 263.7, 419.0, 0.0); (421525.0, 3770225.0, 266.3, 419.0, 0.0);
(421575.0, 3770225.0, 269.2, 419.0, 0.0); (421625.0, 3770225.0, 269.6, 419.0, 0.0);
(419575.0, 3770275.0, 164.1, 419.0, 0.0); (419825.0, 3770275.0, 168.1, 419.0, 0.0);
(419925.0, 3770275.0, 169.5, 419.0, 0.0); (419975.0, 3770275.0, 168.0, 419.0, 0.0);
(420025.0, 3770275.0, 171.6, 419.0, 0.0); (420425.0, 3770275.0, 182.6, 419.0, 0.0);
(420475.0, 3770275.0, 184.5, 419.0, 0.0); (420675.0, 3770275.0, 197.1, 419.0, 0.0);
(420725.0, 3770275.0, 199.0, 419.0, 0.0); (420825.0, 3770275.0, 193.8, 419.0, 0.0);
(420875.0, 3770275.0, 200.2, 419.0, 0.0); (420975.0, 3770275.0, 217.8, 419.0, 0.0);
(421025.0, 3770275.0, 225.9, 419.0, 0.0); (421075.0, 3770275.0, 223.1, 419.0, 0.0);
(421125.0, 3770275.0, 218.7, 419.0, 0.0); (421175.0, 3770275.0, 219.2, 419.0, 0.0);
(421225.0, 3770275.0, 223.7, 419.0, 0.0); (421375.0, 3770275.0, 250.9, 419.0, 0.0);
(421425.0, 3770275.0, 264.3, 419.0, 0.0); (421475.0, 3770275.0, 271.3, 400.5, 0.0);
(421525.0, 3770275.0, 275.7, 400.5, 0.0); (421575.0, 3770275.0, 278.8, 400.5, 0.0);
(421625.0, 3770275.0, 280.0, 389.7, 0.0); (419525.0, 3770325.0, 163.1, 419.0, 0.0);
(419575.0, 3770325.0, 167.3, 419.0, 0.0); (419625.0, 3770325.0, 171.5, 419.0, 0.0);
(419925.0, 3770325.0, 171.3, 419.0, 0.0); (419975.0, 3770325.0, 174.1, 419.0, 0.0);
(420025.0, 3770325.0, 174.5, 419.0, 0.0); (420425.0, 3770325.0, 180.3, 419.0, 0.0);
(420575.0, 3770325.0, 185.9, 419.0, 0.0); (420625.0, 3770325.0, 193.0, 419.0, 0.0);
(420925.0, 3770325.0, 214.2, 419.0, 0.0); (421175.0, 3770325.0, 225.6, 419.0, 0.0);
(421225.0, 3770325.0, 228.5, 419.0, 0.0); (421375.0, 3770325.0, 256.5, 419.0, 0.0);
(421425.0, 3770325.0, 266.0, 400.5, 0.0); (421475.0, 3770325.0, 271.3, 400.5, 0.0);
(419525.0, 3770375.0, 163.6, 419.0, 0.0); (419575.0, 3770375.0, 170.6, 170.6, 0.0);
(419625.0, 3770375.0, 172.9, 172.9, 0.0); (419675.0, 3770375.0, 172.9, 419.0, 0.0);
(419775.0, 3770375.0, 174.0, 419.0, 0.0); (419825.0, 3770375.0, 175.6, 419.0, 0.0);
(419875.0, 3770375.0, 175.7, 419.0, 0.0); (420275.0, 3770375.0, 177.6, 419.0, 0.0);
(420325.0, 3770375.0, 177.3, 419.0, 0.0); (420375.0, 3770375.0, 177.2, 419.0, 0.0);
(420425.0, 3770375.0, 178.0, 419.0, 0.0); (420575.0, 3770375.0, 181.9, 419.0, 0.0);

(420625.0, 3770375.0, 185.1, 419.0, 0.0); (420975.0, 3770375.0, 234.7, 419.0, 0.0);
(421025.0, 3770375.0, 240.7, 419.0, 0.0); (421075.0, 3770375.0, 233.9, 419.0, 0.0);
(421125.0, 3770375.0, 232.6, 419.0, 0.0); (421175.0, 3770375.0, 234.2, 419.0, 0.0);
(421225.0, 3770375.0, 236.4, 419.0, 0.0); (421275.0, 3770375.0, 242.6, 419.0, 0.0);
(421325.0, 3770375.0, 249.6, 419.0, 0.0); (421375.0, 3770375.0, 256.0, 419.0, 0.0);
(421425.0, 3770375.0, 261.7, 400.5, 0.0); (421475.0, 3770375.0, 255.9, 419.0, 0.0);
(420125.0, 3770425.0, 178.8, 419.0, 0.0); (420175.0, 3770425.0, 179.2, 419.0, 0.0);
(420225.0, 3770425.0, 179.4, 419.0, 0.0); (420275.0, 3770425.0, 179.0, 419.0, 0.0);
(420325.0, 3770425.0, 178.6, 419.0, 0.0); (420375.0, 3770425.0, 179.0, 419.0, 0.0);
(420425.0, 3770425.0, 179.1, 419.0, 0.0); (421475.0, 3770425.0, 239.1, 419.0, 0.0);
(421575.0, 3770425.0, 237.0, 419.0, 0.0); (421625.0, 3770425.0, 238.6, 419.0, 0.0);
(419875.0, 3770475.0, 178.3, 419.0, 0.0); (419925.0, 3770475.0, 177.7, 419.0, 0.0);
(419975.0, 3770475.0, 177.8, 419.0, 0.0); (420025.0, 3770475.0, 178.0, 419.0, 0.0);
(420125.0, 3770475.0, 179.2, 419.0, 0.0); (420175.0, 3770475.0, 179.3, 419.0, 0.0);
(420225.0, 3770475.0, 181.6, 419.0, 0.0); (420275.0, 3770475.0, 182.6, 419.0, 0.0);
(420325.0, 3770475.0, 183.7, 419.0, 0.0); (420375.0, 3770475.0, 184.2, 419.0, 0.0);
(420425.0, 3770475.0, 184.5, 419.0, 0.0); (420825.0, 3770475.0, 188.4, 419.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420875.0, 3770475.0, 195.9, 419.0, 0.0); (420925.0, 3770475.0, 194.8, 419.0, 0.0);
(421075.0, 3770475.0, 206.1, 419.0, 0.0); (421325.0, 3770475.0, 224.4, 419.0, 0.0);
(421375.0, 3770475.0, 219.7, 419.0, 0.0); (421475.0, 3770475.0, 231.6, 419.0, 0.0);
(419575.0, 3770525.0, 174.6, 174.6, 0.0); (419625.0, 3770525.0, 175.2, 175.2, 0.0);
(419725.0, 3770525.0, 176.2, 176.2, 0.0); (419775.0, 3770525.0, 176.5, 176.5, 0.0);
(419825.0, 3770525.0, 176.7, 176.7, 0.0); (419875.0, 3770525.0, 177.2, 419.0, 0.0);
(419925.0, 3770525.0, 177.9, 419.0, 0.0); (419975.0, 3770525.0, 177.6, 419.0, 0.0);
(420025.0, 3770525.0, 178.4, 419.0, 0.0); (420125.0, 3770525.0, 181.2, 419.0, 0.0);
(420175.0, 3770525.0, 181.3, 419.0, 0.0); (420225.0, 3770525.0, 181.8, 419.0, 0.0);
(420275.0, 3770525.0, 183.6, 419.0, 0.0); (420325.0, 3770525.0, 185.0, 419.0, 0.0);
(420375.0, 3770525.0, 185.2, 419.0, 0.0); (420425.0, 3770525.0, 185.9, 419.0, 0.0);
(420475.0, 3770525.0, 186.4, 419.0, 0.0); (420525.0, 3770525.0, 185.2, 419.0, 0.0);
(420675.0, 3770525.0, 184.3, 419.0, 0.0); (420925.0, 3770525.0, 191.8, 419.0, 0.0);
(420975.0, 3770525.0, 197.4, 419.0, 0.0); (421025.0, 3770525.0, 204.7, 419.0, 0.0);
(421075.0, 3770525.0, 204.4, 419.0, 0.0); (421425.0, 3770525.0, 216.6, 419.0, 0.0);
(421525.0, 3770525.0, 210.5, 419.0, 0.0); (421575.0, 3770525.0, 212.4, 419.0, 0.0);
(419625.0, 3770575.0, 169.9, 176.3, 0.0); (419675.0, 3770575.0, 176.1, 176.1, 0.0);
(419725.0, 3770575.0, 177.0, 177.0, 0.0); (419775.0, 3770575.0, 177.5, 177.5, 0.0);
(419825.0, 3770575.0, 178.1, 178.1, 0.0); (419875.0, 3770575.0, 178.4, 178.4, 0.0);
(419925.0, 3770575.0, 178.4, 419.0, 0.0); (419975.0, 3770575.0, 178.6, 419.0, 0.0);
(420025.0, 3770575.0, 178.8, 419.0, 0.0); (420075.0, 3770575.0, 179.2, 419.0, 0.0);
(420125.0, 3770575.0, 179.7, 419.0, 0.0); (420175.0, 3770575.0, 182.3, 419.0, 0.0);
(420225.0, 3770575.0, 182.1, 419.0, 0.0); (420275.0, 3770575.0, 183.7, 419.0, 0.0);
(420325.0, 3770575.0, 184.9, 419.0, 0.0); (420375.0, 3770575.0, 186.2, 419.0, 0.0);
(420425.0, 3770575.0, 186.3, 419.0, 0.0); (420975.0, 3770575.0, 194.6, 419.0, 0.0);
(421025.0, 3770575.0, 197.5, 419.0, 0.0); (421075.0, 3770575.0, 199.0, 419.0, 0.0);
(421375.0, 3770575.0, 204.2, 419.0, 0.0); (421475.0, 3770575.0, 207.5, 419.0, 0.0);
(419475.0, 3770625.0, 157.9, 175.6, 0.0); (419525.0, 3770625.0, 158.1, 177.0, 0.0);
(419575.0, 3770625.0, 158.3, 177.9, 0.0); (419725.0, 3770625.0, 177.2, 177.2, 0.0);
(419775.0, 3770625.0, 177.8, 177.8, 0.0); (419825.0, 3770625.0, 178.0, 178.0, 0.0);
(419875.0, 3770625.0, 178.1, 178.1, 0.0); (419925.0, 3770625.0, 177.4, 177.4, 0.0);

(420025.0, 3770625.0, 180.1, 419.0, 0.0); (420075.0, 3770625.0, 180.9, 419.0, 0.0);
(420125.0, 3770625.0, 181.2, 419.0, 0.0); (420175.0, 3770625.0, 181.8, 419.0, 0.0);
(420225.0, 3770625.0, 183.6, 419.0, 0.0); (420275.0, 3770625.0, 184.6, 419.0, 0.0);
(420325.0, 3770625.0, 185.4, 419.0, 0.0); (420375.0, 3770625.0, 188.0, 419.0, 0.0);
(420425.0, 3770625.0, 188.1, 419.0, 0.0); (420475.0, 3770625.0, 189.2, 419.0, 0.0);
(420525.0, 3770625.0, 188.8, 419.0, 0.0); (420575.0, 3770625.0, 189.3, 419.0, 0.0);
(420625.0, 3770625.0, 189.6, 419.0, 0.0); (420675.0, 3770625.0, 188.9, 419.0, 0.0);
(420725.0, 3770625.0, 188.9, 419.0, 0.0); (420775.0, 3770625.0, 187.0, 419.0, 0.0);
(421075.0, 3770625.0, 195.0, 419.0, 0.0); (421175.0, 3770625.0, 199.5, 419.0, 0.0);
(421225.0, 3770625.0, 199.6, 419.0, 0.0); (421275.0, 3770625.0, 200.2, 419.0, 0.0);
(421475.0, 3770625.0, 207.7, 419.0, 0.0); (421525.0, 3770625.0, 213.4, 419.0, 0.0);
(421625.0, 3770625.0, 223.3, 419.0, 0.0); (419475.0, 3770675.0, 157.4, 175.0, 0.0);
(419525.0, 3770675.0, 157.9, 176.9, 0.0); (419575.0, 3770675.0, 157.6, 177.9, 0.0);
(419625.0, 3770675.0, 158.4, 178.1, 0.0); (419725.0, 3770675.0, 173.5, 177.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(419775.0, 3770675.0, 177.7, 177.7, 0.0); (419975.0, 3770675.0, 180.6, 180.6, 0.0);
(420075.0, 3770675.0, 182.5, 182.5, 0.0); (420125.0, 3770675.0, 182.3, 419.0, 0.0);
(420175.0, 3770675.0, 183.4, 419.0, 0.0); (420225.0, 3770675.0, 184.3, 419.0, 0.0);
(420275.0, 3770675.0, 184.8, 419.0, 0.0); (420325.0, 3770675.0, 185.0, 419.0, 0.0);
(420375.0, 3770675.0, 187.9, 419.0, 0.0); (420425.0, 3770675.0, 189.6, 419.0, 0.0);
(420575.0, 3770675.0, 191.3, 419.0, 0.0); (420625.0, 3770675.0, 192.8, 419.0, 0.0);
(420675.0, 3770675.0, 193.9, 419.0, 0.0); (420725.0, 3770675.0, 193.4, 419.0, 0.0);
(420975.0, 3770675.0, 194.3, 419.0, 0.0); (421025.0, 3770675.0, 194.1, 419.0, 0.0);
(421075.0, 3770675.0, 197.0, 419.0, 0.0); (421325.0, 3770675.0, 202.4, 419.0, 0.0);
(421375.0, 3770675.0, 205.0, 419.0, 0.0); (421425.0, 3770675.0, 205.4, 419.0, 0.0);
(421575.0, 3770675.0, 219.8, 419.0, 0.0); (421625.0, 3770675.0, 225.5, 419.0, 0.0);
(419475.0, 3770725.0, 157.1, 157.1, 0.0); (419525.0, 3770725.0, 157.5, 176.0, 0.0);
(419575.0, 3770725.0, 157.8, 177.8, 0.0); (419625.0, 3770725.0, 157.8, 178.0, 0.0);
(419675.0, 3770725.0, 157.9, 178.2, 0.0); (419875.0, 3770725.0, 176.2, 177.9, 0.0);
(419975.0, 3770725.0, 180.0, 180.0, 0.0); (420025.0, 3770725.0, 181.1, 181.1, 0.0);
(420075.0, 3770725.0, 182.2, 182.2, 0.0); (420125.0, 3770725.0, 182.5, 182.5, 0.0);
(420175.0, 3770725.0, 183.9, 183.9, 0.0); (420675.0, 3770725.0, 194.6, 419.0, 0.0);
(420725.0, 3770725.0, 195.7, 419.0, 0.0); (420775.0, 3770725.0, 193.1, 419.0, 0.0);
(420975.0, 3770725.0, 199.6, 419.0, 0.0); (421025.0, 3770725.0, 199.4, 419.0, 0.0);
(421075.0, 3770725.0, 199.6, 419.0, 0.0); (421225.0, 3770725.0, 201.2, 419.0, 0.0);
(421275.0, 3770725.0, 201.8, 419.0, 0.0); (421325.0, 3770725.0, 202.6, 419.0, 0.0);
(421375.0, 3770725.0, 204.1, 419.0, 0.0); (421425.0, 3770725.0, 205.9, 419.0, 0.0);
(421475.0, 3770725.0, 208.3, 419.0, 0.0); (421525.0, 3770725.0, 210.5, 419.0, 0.0);
(421575.0, 3770725.0, 218.5, 419.0, 0.0); (421625.0, 3770725.0, 227.2, 406.9, 0.0);
(419475.0, 3770775.0, 156.8, 156.8, 0.0); (419525.0, 3770775.0, 157.3, 157.3, 0.0);
(419575.0, 3770775.0, 157.7, 176.9, 0.0); (419625.0, 3770775.0, 157.9, 177.8, 0.0);
(419675.0, 3770775.0, 158.0, 178.1, 0.0); (419725.0, 3770775.0, 158.1, 179.2, 0.0);
(419875.0, 3770775.0, 177.5, 177.5, 0.0); (419925.0, 3770775.0, 178.6, 178.6, 0.0);
(419975.0, 3770775.0, 179.8, 179.8, 0.0); (420025.0, 3770775.0, 181.1, 181.1, 0.0);
(420075.0, 3770775.0, 181.5, 181.5, 0.0); (420125.0, 3770775.0, 180.2, 183.0, 0.0);
(420325.0, 3770775.0, 171.9, 419.0, 0.0); (420375.0, 3770775.0, 176.7, 419.0, 0.0);
(420425.0, 3770775.0, 179.2, 419.0, 0.0); (420475.0, 3770775.0, 180.7, 419.0, 0.0);
(420525.0, 3770775.0, 182.3, 419.0, 0.0); (420575.0, 3770775.0, 182.9, 419.0, 0.0);
(420725.0, 3770775.0, 193.6, 419.0, 0.0); (420775.0, 3770775.0, 194.4, 419.0, 0.0);

(420825.0, 3770775.0, 191.8, 419.0, 0.0); (421025.0, 3770775.0, 196.4, 419.0, 0.0);
(421075.0, 3770775.0, 198.4, 419.0, 0.0); (421125.0, 3770775.0, 201.9, 419.0, 0.0);
(421175.0, 3770775.0, 205.1, 419.0, 0.0); (421225.0, 3770775.0, 207.8, 419.0, 0.0);
(421275.0, 3770775.0, 202.8, 419.0, 0.0); (421325.0, 3770775.0, 202.2, 419.0, 0.0);
(421375.0, 3770775.0, 203.8, 419.0, 0.0); (421425.0, 3770775.0, 205.9, 419.0, 0.0);
(421475.0, 3770775.0, 208.4, 419.0, 0.0); (421525.0, 3770775.0, 210.8, 419.0, 0.0);
(421575.0, 3770775.0, 213.8, 419.0, 0.0); (421625.0, 3770775.0, 219.8, 406.9, 0.0);
(419525.0, 3770825.0, 156.2, 157.9, 0.0); (419575.0, 3770825.0, 157.0, 157.0, 0.0);
(419625.0, 3770825.0, 157.6, 176.8, 0.0); (419675.0, 3770825.0, 157.6, 177.8, 0.0);
(419725.0, 3770825.0, 158.1, 178.7, 0.0); (419775.0, 3770825.0, 159.5, 180.0, 0.0);
(419875.0, 3770825.0, 174.8, 178.3, 0.0); (419925.0, 3770825.0, 178.6, 178.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(419975.0, 3770825.0, 179.7, 179.7, 0.0); (420025.0, 3770825.0, 180.4, 180.4, 0.0);
(420125.0, 3770825.0, 162.0, 419.0, 0.0); (420275.0, 3770825.0, 168.6, 419.0, 0.0);
(420575.0, 3770825.0, 188.9, 419.0, 0.0); (420625.0, 3770825.0, 191.5, 419.0, 0.0);
(420675.0, 3770825.0, 186.7, 419.0, 0.0); (420725.0, 3770825.0, 193.4, 419.0, 0.0);
(420775.0, 3770825.0, 195.7, 419.0, 0.0); (420825.0, 3770825.0, 194.6, 419.0, 0.0);
(420875.0, 3770825.0, 189.7, 419.0, 0.0); (420925.0, 3770825.0, 190.4, 419.0, 0.0);
(420975.0, 3770825.0, 190.4, 419.0, 0.0); (421025.0, 3770825.0, 194.3, 419.0, 0.0);
(421075.0, 3770825.0, 196.5, 419.0, 0.0); (421125.0, 3770825.0, 195.9, 419.0, 0.0);
(421175.0, 3770825.0, 196.9, 419.0, 0.0); (421225.0, 3770825.0, 198.7, 419.0, 0.0);
(421275.0, 3770825.0, 199.1, 419.0, 0.0); (421325.0, 3770825.0, 200.6, 419.0, 0.0);
(421375.0, 3770825.0, 205.5, 419.0, 0.0); (421425.0, 3770825.0, 209.2, 419.0, 0.0);
(421475.0, 3770825.0, 209.5, 419.0, 0.0); (421525.0, 3770825.0, 211.8, 406.9, 0.0);
(421575.0, 3770825.0, 216.5, 406.9, 0.0); (421625.0, 3770825.0, 217.1, 406.9, 0.0);
(419525.0, 3770875.0, 158.0, 158.0, 0.0); (419575.0, 3770875.0, 156.4, 156.4, 0.0);
(419725.0, 3770875.0, 157.6, 178.5, 0.0); (419775.0, 3770875.0, 159.1, 179.6, 0.0);
(419825.0, 3770875.0, 159.2, 180.8, 0.0); (419875.0, 3770875.0, 162.1, 181.4, 0.0);
(419925.0, 3770875.0, 162.6, 182.0, 0.0); (419975.0, 3770875.0, 162.4, 182.7, 0.0);
(420025.0, 3770875.0, 161.7, 184.5, 0.0); (420075.0, 3770875.0, 160.4, 419.0, 0.0);
(420125.0, 3770875.0, 160.7, 419.0, 0.0); (420175.0, 3770875.0, 162.4, 419.0, 0.0);
(420225.0, 3770875.0, 163.5, 419.0, 0.0); (420275.0, 3770875.0, 163.3, 419.0, 0.0);
(420325.0, 3770875.0, 162.3, 419.0, 0.0); (420375.0, 3770875.0, 162.3, 419.0, 0.0);
(420425.0, 3770875.0, 162.4, 419.0, 0.0); (420475.0, 3770875.0, 162.8, 419.0, 0.0);
(420525.0, 3770875.0, 166.5, 419.0, 0.0); (420625.0, 3770875.0, 192.3, 194.3, 0.0);
(420675.0, 3770875.0, 192.5, 194.6, 0.0); (420725.0, 3770875.0, 190.1, 419.0, 0.0);
(420775.0, 3770875.0, 195.6, 195.6, 0.0); (420825.0, 3770875.0, 195.8, 419.0, 0.0);
(420875.0, 3770875.0, 191.2, 419.0, 0.0); (420925.0, 3770875.0, 194.1, 419.0, 0.0);
(420975.0, 3770875.0, 192.1, 419.0, 0.0); (421025.0, 3770875.0, 191.1, 419.0, 0.0);
(421075.0, 3770875.0, 192.3, 419.0, 0.0); (421125.0, 3770875.0, 194.0, 419.0, 0.0);
(421175.0, 3770875.0, 195.3, 419.0, 0.0); (421225.0, 3770875.0, 196.1, 419.0, 0.0);
(421275.0, 3770875.0, 198.0, 419.0, 0.0); (421325.0, 3770875.0, 199.5, 419.0, 0.0);
(421375.0, 3770875.0, 203.3, 419.0, 0.0); (421425.0, 3770875.0, 206.9, 406.9, 0.0);
(421475.0, 3770875.0, 210.5, 406.9, 0.0); (421525.0, 3770875.0, 214.6, 400.5, 0.0);
(421575.0, 3770875.0, 219.6, 400.5, 0.0); (421625.0, 3770875.0, 218.6, 400.5, 0.0);
(419525.0, 3770925.0, 159.3, 176.1, 0.0); (419575.0, 3770925.0, 157.1, 177.6, 0.0);
(419625.0, 3770925.0, 157.7, 177.5, 0.0); (419675.0, 3770925.0, 158.0, 158.0, 0.0);
(419725.0, 3770925.0, 158.3, 178.3, 0.0); (419775.0, 3770925.0, 158.8, 179.3, 0.0);
(419825.0, 3770925.0, 159.2, 180.5, 0.0); (419875.0, 3770925.0, 159.5, 181.4, 0.0);

(419925.0, 3770925.0, 158.8, 182.0, 0.0); (420025.0, 3770925.0, 160.6, 184.5, 0.0);
(420075.0, 3770925.0, 160.5, 184.5, 0.0); (420125.0, 3770925.0, 160.9, 419.0, 0.0);
(420175.0, 3770925.0, 162.0, 419.0, 0.0); (420225.0, 3770925.0, 162.6, 419.0, 0.0);
(420275.0, 3770925.0, 162.3, 419.0, 0.0); (420325.0, 3770925.0, 162.3, 419.0, 0.0);
(420375.0, 3770925.0, 162.3, 419.0, 0.0); (420425.0, 3770925.0, 162.5, 419.0, 0.0);
(420475.0, 3770925.0, 163.4, 419.0, 0.0); (420525.0, 3770925.0, 164.9, 419.0, 0.0);
(420575.0, 3770925.0, 171.6, 419.0, 0.0); (420675.0, 3770925.0, 195.8, 195.8, 0.0);
(420725.0, 3770925.0, 194.5, 194.5, 0.0); (420775.0, 3770925.0, 194.3, 196.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420825.0, 3770925.0, 196.7, 196.7, 0.0); (420875.0, 3770925.0, 192.4, 419.0, 0.0);
(420925.0, 3770925.0, 196.9, 256.5, 0.0); (420975.0, 3770925.0, 196.7, 400.5, 0.0);
(421025.0, 3770925.0, 192.1, 419.0, 0.0); (421075.0, 3770925.0, 193.7, 419.0, 0.0);
(421125.0, 3770925.0, 194.8, 419.0, 0.0); (421175.0, 3770925.0, 198.0, 419.0, 0.0);
(421225.0, 3770925.0, 199.5, 419.0, 0.0); (421275.0, 3770925.0, 199.8, 419.0, 0.0);
(421325.0, 3770925.0, 201.6, 400.5, 0.0); (421375.0, 3770925.0, 203.7, 400.5, 0.0);
(421425.0, 3770925.0, 205.8, 400.5, 0.0); (421475.0, 3770925.0, 211.6, 400.5, 0.0);
(421525.0, 3770925.0, 215.6, 390.0, 0.0); (421575.0, 3770925.0, 219.4, 389.7, 0.0);
(421625.0, 3770925.0, 221.0, 389.7, 0.0); (419525.0, 3770975.0, 160.9, 177.6, 0.0);
(419575.0, 3770975.0, 157.9, 177.6, 0.0); (419625.0, 3770975.0, 158.1, 177.6, 0.0);
(419675.0, 3770975.0, 158.1, 177.6, 0.0); (419875.0, 3770975.0, 159.6, 180.6, 0.0);
(419925.0, 3770975.0, 160.0, 180.8, 0.0); (419975.0, 3770975.0, 159.8, 181.7, 0.0);
(420025.0, 3770975.0, 160.1, 181.7, 0.0); (420125.0, 3770975.0, 161.6, 184.5, 0.0);
(420175.0, 3770975.0, 162.1, 184.5, 0.0); (420225.0, 3770975.0, 162.5, 419.0, 0.0);
(420275.0, 3770975.0, 162.5, 419.0, 0.0); (420325.0, 3770975.0, 162.5, 419.0, 0.0);
(420375.0, 3770975.0, 162.7, 419.0, 0.0); (420425.0, 3770975.0, 163.0, 419.0, 0.0);
(420475.0, 3770975.0, 163.5, 419.0, 0.0); (420525.0, 3770975.0, 165.5, 419.0, 0.0);
(420575.0, 3770975.0, 171.6, 419.0, 0.0); (420625.0, 3770975.0, 186.3, 200.6, 0.0);
(420675.0, 3770975.0, 195.0, 197.9, 0.0); (420725.0, 3770975.0, 196.9, 196.9, 0.0);
(420775.0, 3770975.0, 195.7, 195.7, 0.0); (420825.0, 3770975.0, 197.7, 197.7, 0.0);
(420875.0, 3770975.0, 194.6, 256.5, 0.0); (420925.0, 3770975.0, 199.6, 256.5, 0.0);
(420975.0, 3770975.0, 199.8, 256.5, 0.0); (421025.0, 3770975.0, 193.4, 400.5, 0.0);
(421075.0, 3770975.0, 200.1, 303.5, 0.0); (421125.0, 3770975.0, 198.7, 400.5, 0.0);
(421175.0, 3770975.0, 200.1, 400.5, 0.0); (421225.0, 3770975.0, 202.8, 389.7, 0.0);
(421275.0, 3770975.0, 205.3, 389.7, 0.0); (421325.0, 3770975.0, 207.8, 389.7, 0.0);
(421375.0, 3770975.0, 208.7, 389.7, 0.0); (421425.0, 3770975.0, 210.8, 389.7, 0.0);
(421475.0, 3770975.0, 215.8, 389.7, 0.0); (421525.0, 3770975.0, 221.6, 303.5, 0.0);
(421575.0, 3770975.0, 225.2, 303.5, 0.0); (421625.0, 3770975.0, 231.0, 303.5, 0.0);
(419525.0, 3771025.0, 162.8, 177.6, 0.0); (419575.0, 3771025.0, 158.4, 178.7, 0.0);
(419625.0, 3771025.0, 158.4, 178.7, 0.0); (419675.0, 3771025.0, 158.6, 178.5, 0.0);
(419725.0, 3771025.0, 159.7, 177.5, 0.0); (419775.0, 3771025.0, 160.0, 160.0, 0.0);
(419825.0, 3771025.0, 159.8, 159.8, 0.0); (419875.0, 3771025.0, 160.2, 160.2, 0.0);
(419925.0, 3771025.0, 160.3, 160.3, 0.0); (419975.0, 3771025.0, 160.6, 160.6, 0.0);
(420025.0, 3771025.0, 160.9, 160.9, 0.0); (420075.0, 3771025.0, 161.5, 161.5, 0.0);
(420125.0, 3771025.0, 160.0, 184.3, 0.0); (420175.0, 3771025.0, 161.9, 161.9, 0.0);
(420225.0, 3771025.0, 162.7, 162.7, 0.0); (420275.0, 3771025.0, 162.7, 162.7, 0.0);
(420325.0, 3771025.0, 162.8, 419.0, 0.0); (420375.0, 3771025.0, 163.3, 419.0, 0.0);
(420425.0, 3771025.0, 163.6, 419.0, 0.0); (420475.0, 3771025.0, 163.9, 419.0, 0.0);
(420525.0, 3771025.0, 166.4, 419.0, 0.0); (420575.0, 3771025.0, 171.1, 419.0, 0.0);
(420625.0, 3771025.0, 180.2, 202.6, 0.0); (420675.0, 3771025.0, 195.5, 199.0, 0.0);

(420725.0, 3771025.0, 198.5, 198.5, 0.0); (420775.0, 3771025.0, 198.5, 198.5, 0.0);
(420825.0, 3771025.0, 199.6, 199.6, 0.0); (420875.0, 3771025.0, 197.9, 256.5, 0.0);
(420925.0, 3771025.0, 200.7, 256.5, 0.0); (420975.0, 3771025.0, 200.7, 256.5, 0.0);
(421025.0, 3771025.0, 194.8, 300.0, 0.0); (421075.0, 3771025.0, 202.8, 296.2, 0.0);
(421125.0, 3771025.0, 203.8, 303.5, 0.0); (421175.0, 3771025.0, 202.9, 303.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(421225.0, 3771025.0, 206.5, 303.5, 0.0); (421275.0, 3771025.0, 211.0, 303.5, 0.0);
(421325.0, 3771025.0, 214.5, 303.5, 0.0); (421375.0, 3771025.0, 217.7, 303.5, 0.0);
(421425.0, 3771025.0, 218.2, 303.5, 0.0); (421475.0, 3771025.0, 218.7, 303.5, 0.0);
(421525.0, 3771025.0, 230.2, 303.5, 0.0); (421575.0, 3771025.0, 240.1, 303.5, 0.0);
(421625.0, 3771025.0, 249.2, 303.5, 0.0); (419475.0, 3771075.0, 174.5, 174.5, 0.0);
(419675.0, 3771075.0, 159.6, 180.7, 0.0); (419725.0, 3771075.0, 161.2, 180.7, 0.0);
(419775.0, 3771075.0, 160.6, 180.7, 0.0); (419825.0, 3771075.0, 160.5, 180.7, 0.0);
(419875.0, 3771075.0, 160.6, 160.6, 0.0); (419925.0, 3771075.0, 160.9, 160.9, 0.0);
(419975.0, 3771075.0, 161.3, 161.3, 0.0); (420025.0, 3771075.0, 162.2, 162.2, 0.0);
(420075.0, 3771075.0, 163.0, 163.0, 0.0); (420125.0, 3771075.0, 163.6, 163.6, 0.0);
(420175.0, 3771075.0, 163.9, 163.9, 0.0); (420225.0, 3771075.0, 162.0, 162.8, 0.0);
(420275.0, 3771075.0, 162.9, 162.9, 0.0); (420325.0, 3771075.0, 163.0, 200.6, 0.0);
(420375.0, 3771075.0, 163.8, 202.0, 0.0); (420425.0, 3771075.0, 164.1, 202.6, 0.0);
(420475.0, 3771075.0, 164.1, 419.0, 0.0); (420525.0, 3771075.0, 166.9, 419.0, 0.0);
(420575.0, 3771075.0, 175.8, 256.5, 0.0); (420625.0, 3771075.0, 187.5, 202.0, 0.0);
(420675.0, 3771075.0, 196.5, 200.6, 0.0); (420725.0, 3771075.0, 200.2, 200.2, 0.0);
(420775.0, 3771075.0, 200.5, 200.5, 0.0); (420825.0, 3771075.0, 200.4, 200.4, 0.0);
(420875.0, 3771075.0, 201.1, 256.5, 0.0); (420925.0, 3771075.0, 202.1, 256.5, 0.0);
(420975.0, 3771075.0, 201.7, 256.5, 0.0); (421025.0, 3771075.0, 196.1, 296.2, 0.0);
(421075.0, 3771075.0, 206.7, 256.5, 0.0); (421125.0, 3771075.0, 206.7, 296.2, 0.0);
(421175.0, 3771075.0, 204.4, 303.5, 0.0); (421225.0, 3771075.0, 209.0, 303.5, 0.0);
(421275.0, 3771075.0, 214.6, 303.5, 0.0); (421325.0, 3771075.0, 221.7, 303.5, 0.0);
(421375.0, 3771075.0, 228.2, 300.0, 0.0); (421425.0, 3771075.0, 236.9, 296.2, 0.0);
(421475.0, 3771075.0, 225.4, 303.5, 0.0); (421525.0, 3771075.0, 233.8, 303.5, 0.0);
(421575.0, 3771075.0, 248.1, 300.0, 0.0); (421625.0, 3771075.0, 251.6, 300.0, 0.0);
(419475.0, 3771125.0, 175.6, 175.6, 0.0); (419525.0, 3771125.0, 175.7, 177.6, 0.0);
(419575.0, 3771125.0, 177.5, 177.5, 0.0); (419775.0, 3771125.0, 164.5, 181.5, 0.0);
(419825.0, 3771125.0, 162.1, 183.2, 0.0); (419875.0, 3771125.0, 161.8, 183.3, 0.0);
(419925.0, 3771125.0, 162.0, 183.3, 0.0); (419975.0, 3771125.0, 162.9, 183.3, 0.0);
(420025.0, 3771125.0, 164.7, 164.7, 0.0); (420075.0, 3771125.0, 164.6, 164.6, 0.0);
(420125.0, 3771125.0, 164.3, 164.3, 0.0); (420175.0, 3771125.0, 163.5, 163.5, 0.0);
(420225.0, 3771125.0, 163.2, 163.2, 0.0); (420275.0, 3771125.0, 160.0, 163.4, 0.0);
(420325.0, 3771125.0, 163.3, 200.6, 0.0); (420375.0, 3771125.0, 164.3, 202.0, 0.0);
(420425.0, 3771125.0, 164.5, 256.5, 0.0); (420475.0, 3771125.0, 164.7, 256.5, 0.0);
(420525.0, 3771125.0, 167.4, 256.5, 0.0); (420575.0, 3771125.0, 172.3, 256.5, 0.0);
(420625.0, 3771125.0, 181.7, 256.5, 0.0); (420675.0, 3771125.0, 196.2, 201.7, 0.0);
(420725.0, 3771125.0, 201.3, 201.3, 0.0); (420775.0, 3771125.0, 201.2, 201.2, 0.0);
(420825.0, 3771125.0, 202.4, 202.4, 0.0); (420875.0, 3771125.0, 203.0, 256.5, 0.0);
(420925.0, 3771125.0, 203.6, 256.5, 0.0); (420975.0, 3771125.0, 204.1, 256.5, 0.0);
(421025.0, 3771125.0, 199.2, 256.5, 0.0); (421075.0, 3771125.0, 199.4, 300.0, 0.0);
(421125.0, 3771125.0, 200.8, 303.5, 0.0); (421175.0, 3771125.0, 203.9, 303.5, 0.0);
(421225.0, 3771125.0, 206.3, 303.5, 0.0); (421275.0, 3771125.0, 217.5, 300.0, 0.0);
(421325.0, 3771125.0, 225.0, 296.2, 0.0); (421375.0, 3771125.0, 237.2, 253.1, 0.0);

(421425.0, 3771125.0, 237.4, 291.3, 0.0); (421475.0, 3771125.0, 230.9, 303.5, 0.0);
(421525.0, 3771125.0, 239.6, 300.0, 0.0); (421575.0, 3771125.0, 249.3, 296.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(421625.0, 3771125.0, 251.9, 296.2, 0.0); (419775.0, 3771175.0, 169.5, 181.5, 0.0);
(419825.0, 3771175.0, 165.9, 183.8, 0.0); (419875.0, 3771175.0, 164.7, 184.5, 0.0);
(419925.0, 3771175.0, 164.5, 184.5, 0.0); (419975.0, 3771175.0, 164.8, 184.5, 0.0);
(420025.0, 3771175.0, 165.7, 165.7, 0.0); (420075.0, 3771175.0, 166.4, 166.4, 0.0);
(420125.0, 3771175.0, 166.5, 166.5, 0.0); (420175.0, 3771175.0, 166.2, 168.6, 0.0);
(420225.0, 3771175.0, 163.6, 169.2, 0.0); (420275.0, 3771175.0, 163.0, 163.0, 0.0);
(420325.0, 3771175.0, 163.0, 200.6, 0.0); (420375.0, 3771175.0, 164.0, 202.0, 0.0);
(420425.0, 3771175.0, 164.9, 256.5, 0.0); (420475.0, 3771175.0, 165.2, 256.5, 0.0);
(420525.0, 3771175.0, 167.3, 256.5, 0.0); (420675.0, 3771175.0, 194.1, 202.0, 0.0);
(420725.0, 3771175.0, 200.6, 200.6, 0.0); (420775.0, 3771175.0, 202.4, 202.4, 0.0);
(420825.0, 3771175.0, 202.5, 256.5, 0.0); (420875.0, 3771175.0, 203.5, 256.5, 0.0);
(420925.0, 3771175.0, 205.0, 256.5, 0.0); (420975.0, 3771175.0, 205.1, 256.5, 0.0);
(421025.0, 3771175.0, 203.0, 256.5, 0.0); (421075.0, 3771175.0, 199.7, 296.2, 0.0);
(421125.0, 3771175.0, 200.9, 300.0, 0.0); (421175.0, 3771175.0, 203.0, 303.5, 0.0);
(421225.0, 3771175.0, 207.0, 303.5, 0.0); (421275.0, 3771175.0, 211.5, 303.5, 0.0);
(421325.0, 3771175.0, 223.3, 296.2, 0.0); (421375.0, 3771175.0, 237.9, 253.1, 0.0);
(421425.0, 3771175.0, 238.4, 253.1, 0.0); (421475.0, 3771175.0, 244.3, 253.1, 0.0);
(421525.0, 3771175.0, 250.0, 252.7, 0.0); (421575.0, 3771175.0, 251.1, 253.0, 0.0);
(421625.0, 3771175.0, 247.0, 300.0, 0.0); (419475.0, 3771225.0, 177.1, 177.1, 0.0);
(419875.0, 3771225.0, 168.0, 184.7, 0.0); (419925.0, 3771225.0, 166.9, 186.6, 0.0);
(419975.0, 3771225.0, 168.0, 184.7, 0.0); (420025.0, 3771225.0, 167.1, 184.5, 0.0);
(420075.0, 3771225.0, 167.1, 184.5, 0.0); (420125.0, 3771225.0, 167.7, 167.7, 0.0);
(420175.0, 3771225.0, 168.5, 168.5, 0.0); (420225.0, 3771225.0, 165.2, 169.4, 0.0);
(420275.0, 3771225.0, 163.4, 163.4, 0.0); (420325.0, 3771225.0, 163.5, 163.5, 0.0);
(420375.0, 3771225.0, 164.2, 202.0, 0.0); (420425.0, 3771225.0, 162.5, 256.5, 0.0);
(420475.0, 3771225.0, 165.1, 256.5, 0.0); (420525.0, 3771225.0, 167.4, 256.5, 0.0);
(420775.0, 3771225.0, 200.3, 256.5, 0.0); (420825.0, 3771225.0, 202.9, 256.5, 0.0);
(420875.0, 3771225.0, 203.6, 256.5, 0.0); (420925.0, 3771225.0, 206.1, 256.5, 0.0);
(420975.0, 3771225.0, 205.9, 256.5, 0.0); (421025.0, 3771225.0, 204.6, 256.5, 0.0);
(421075.0, 3771225.0, 201.6, 256.5, 0.0); (421125.0, 3771225.0, 202.8, 296.2, 0.0);
(421175.0, 3771225.0, 208.3, 296.2, 0.0); (421225.0, 3771225.0, 209.9, 300.0, 0.0);
(421275.0, 3771225.0, 212.2, 303.5, 0.0); (421425.0, 3771225.0, 242.0, 253.1, 0.0);
(421475.0, 3771225.0, 251.5, 253.1, 0.0); (421525.0, 3771225.0, 252.2, 252.2, 0.0);
(421575.0, 3771225.0, 252.9, 252.9, 0.0); (421625.0, 3771225.0, 243.9, 300.0, 0.0);
(419475.0, 3771275.0, 177.7, 177.7, 0.0); (419525.0, 3771275.0, 177.9, 177.9, 0.0);
(419625.0, 3771275.0, 176.1, 176.1, 0.0); (419675.0, 3771275.0, 179.3, 179.3, 0.0);
(419725.0, 3771275.0, 177.6, 180.8, 0.0); (419775.0, 3771275.0, 180.9, 180.9, 0.0);
(419825.0, 3771275.0, 177.5, 183.2, 0.0); (419875.0, 3771275.0, 175.9, 183.9, 0.0);
(419925.0, 3771275.0, 176.9, 183.3, 0.0); (419975.0, 3771275.0, 170.7, 186.6, 0.0);
(420025.0, 3771275.0, 170.4, 185.2, 0.0); (420075.0, 3771275.0, 170.1, 185.1, 0.0);
(420125.0, 3771275.0, 169.9, 186.6, 0.0); (420175.0, 3771275.0, 169.8, 169.8, 0.0);
(420225.0, 3771275.0, 169.4, 170.8, 0.0); (420275.0, 3771275.0, 164.8, 188.8, 0.0);
(420325.0, 3771275.0, 164.9, 186.7, 0.0); (420375.0, 3771275.0, 164.7, 201.7, 0.0);
(420425.0, 3771275.0, 164.8, 256.5, 0.0); (420475.0, 3771275.0, 164.6, 256.5, 0.0);
(420675.0, 3771275.0, 174.0, 256.5, 0.0); (420875.0, 3771275.0, 203.4, 256.5, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(420925.0, 3771275.0, 207.3, 256.5, 0.0); (420975.0, 3771275.0, 208.7, 256.5, 0.0);
(421025.0, 3771275.0, 206.3, 256.5, 0.0); (421075.0, 3771275.0, 207.2, 256.5, 0.0);
(421125.0, 3771275.0, 210.2, 256.5, 0.0); (421175.0, 3771275.0, 214.6, 256.5, 0.0);
(421425.0, 3771275.0, 246.3, 248.3, 0.0); (421475.0, 3771275.0, 248.8, 248.8, 0.0);
(421525.0, 3771275.0, 251.2, 251.2, 0.0); (421575.0, 3771275.0, 249.3, 253.0, 0.0);
(421625.0, 3771275.0, 234.1, 303.5, 0.0); (419475.0, 3771325.0, 177.8, 177.8, 0.0);
(419525.0, 3771325.0, 178.5, 178.5, 0.0); (419625.0, 3771325.0, 176.0, 180.6, 0.0);
(419675.0, 3771325.0, 179.0, 179.0, 0.0); (419725.0, 3771325.0, 181.7, 181.7, 0.0);
(419775.0, 3771325.0, 182.4, 182.4, 0.0); (419825.0, 3771325.0, 183.1, 183.1, 0.0);
(419875.0, 3771325.0, 183.3, 183.3, 0.0); (419925.0, 3771325.0, 183.2, 183.2, 0.0);
(419975.0, 3771325.0, 175.9, 186.6, 0.0); (420025.0, 3771325.0, 173.2, 186.7, 0.0);
(420075.0, 3771325.0, 172.9, 186.6, 0.0); (420125.0, 3771325.0, 172.3, 187.4, 0.0);
(420175.0, 3771325.0, 172.0, 187.4, 0.0); (420225.0, 3771325.0, 172.1, 186.3, 0.0);
(420275.0, 3771325.0, 170.7, 186.9, 0.0); (420325.0, 3771325.0, 166.2, 188.8, 0.0);
(420375.0, 3771325.0, 165.8, 186.7, 0.0); (420425.0, 3771325.0, 166.2, 256.5, 0.0);
(420475.0, 3771325.0, 166.7, 256.5, 0.0); (420675.0, 3771325.0, 171.2, 256.5, 0.0);
(420775.0, 3771325.0, 199.1, 256.5, 0.0); (420875.0, 3771325.0, 201.9, 256.5, 0.0);
(420925.0, 3771325.0, 204.8, 256.5, 0.0); (420975.0, 3771325.0, 212.5, 256.5, 0.0);
(421025.0, 3771325.0, 212.1, 256.5, 0.0); (421175.0, 3771325.0, 228.7, 256.5, 0.0);
(421425.0, 3771325.0, 245.4, 245.4, 0.0); (421475.0, 3771325.0, 247.0, 247.0, 0.0);
(421525.0, 3771325.0, 246.9, 250.0, 0.0); (421575.0, 3771325.0, 234.5, 296.8, 0.0);
(421625.0, 3771325.0, 229.8, 303.5, 0.0); (420558.0, 3770023.8, 193.0, 419.0, 0.0);
(420607.9, 3769999.8, 195.6, 419.0, 0.0); (420540.8, 3770341.0, 181.9, 419.0, 0.0);
(420517.1, 3770376.5, 180.5, 419.0, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC Met Version: 16216
Profile file: AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	20.	9.1	293.1	5.5
12	01	01	1	02	-32.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.36	1.68	1.00	2.70	99.	9.1	293.1	5.5
12	01	01	1	03	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	14.	9.1	292.0	5.5
12	01	01	1	04	-32.6	0.342	-9.000	-9.000	-999.	480.	128.9	0.36	1.68	1.00	2.70	10.	9.1	292.5	5.5
12	01	01	1	05	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	12.	9.1	292.5	5.5
12	01	01	1	06	-21.6	0.224	-9.000	-9.000	-999.	256.	55.2	0.36	1.68	1.00	1.80	118.	9.1	289.2	5.5
12	01	01	1	07	-26.6	0.277	-9.000	-9.000	-999.	349.	84.1	0.36	1.68	1.00	2.20	64.	9.1	290.9	5.5
12	01	01	1	08	-1.3	0.062	-9.000	-9.000	-999.	124.	16.5	0.36	1.68	0.55	0.40	36.	9.1	290.9	5.5
12	01	01	1	09	38.1	0.160	0.348	0.008	39.	153.	-9.5	0.36	1.68	0.32	0.90	124.	9.1	293.8	5.5
12	01	01	1	10	99.5	0.179	0.693	0.007	119.	181.	-5.1	0.36	1.68	0.25	0.90	21.	9.1	298.1	5.5
12	01	01	1	11	142.6	0.494	1.086	0.005	321.	832.	-75.2	0.36	1.68	0.22	3.60	141.	9.1	299.9	5.5
12	01	01	1	12	162.8	0.442	1.385	0.005	582.	709.	-47.3	0.36	1.68	0.21	3.10	122.	9.1	299.9	5.5
12	01	01	1	13	164.4	0.298	1.634	0.005	946.	405.	-14.3	0.36	1.68	0.21	1.80	114.	9.1	300.9	5.5
12	01	01	1	14	142.7	0.293	1.718	0.005	1265.	382.	-15.8	0.36	1.68	0.22	1.80	93.	9.1	302.5	5.5
12	01	01	1	15	96.7	0.283	1.575	0.005	1438.	361.	-20.7	0.36	1.68	0.26	1.80	110.	9.1	303.8	5.5
12	01	01	1	16	41.5	0.207	1.201	0.005	1485.	228.	-18.9	0.36	1.68	0.35	1.30	113.	9.1	304.2	5.5
12	01	01	1	17	-37.8	0.464	-9.000	-9.000	-999.	757.	236.3	0.36	1.68	0.62	3.60	251.	9.1	300.9	5.5
12	01	01	1	18	-26.1	0.277	-9.000	-9.000	-999.	379.	84.2	0.36	1.68	1.00	2.20	8.	9.1	296.4	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.36	1.68	1.00	999.00	999.	-9.0	295.9	5.5
12	01	01	1	20	-5.7	0.107	-9.000	-9.000	-999.	84.	19.3	0.36	1.68	1.00	0.90	35.	9.1	295.4	5.5
12	01	01	1	21	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	213.	9.1	293.8	5.5
12	01	01	1	22	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	52.	9.1	293.8	5.5
12	01	01	1	23	-26.3	0.277	-9.000	-9.000	-999.	349.	84.2	0.36	1.68	1.00	2.20	58.	9.1	293.8	5.5
12	01	01	1	24	-21.4	0.224	-9.000	-9.000	-999.	256.	55.3	0.36	1.68	1.00	1.80	83.	9.1	292.5	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	293.2	99.0	-99.00	-99.00
12	01	01	01	9.1	1	20.	1.80	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419475.00	3769175.00	0.09643	419525.00	3769175.00	0.10038
419575.00	3769175.00	0.10445	419625.00	3769175.00	0.10876
419675.00	3769175.00	0.11363	419725.00	3769175.00	0.11933
419775.00	3769175.00	0.12386	419925.00	3769175.00	0.14243
419975.00	3769175.00	0.17081	420025.00	3769175.00	0.18985
420075.00	3769175.00	0.21982	420125.00	3769175.00	0.22634
420175.00	3769175.00	0.22103	420225.00	3769175.00	0.23643
420275.00	3769175.00	0.24226	420325.00	3769175.00	0.23474
420375.00	3769175.00	0.21401	420425.00	3769175.00	0.19167
420475.00	3769175.00	0.16448	420525.00	3769175.00	0.14732
420575.00	3769175.00	0.13881	420625.00	3769175.00	0.13049
420675.00	3769175.00	0.11856	420725.00	3769175.00	0.11394
420775.00	3769175.00	0.10950	420825.00	3769175.00	0.10833
421025.00	3769175.00	0.08508	421225.00	3769175.00	0.08023
421275.00	3769175.00	0.07772	421425.00	3769175.00	0.06994
421475.00	3769175.00	0.06686	419475.00	3769225.00	0.09910
419525.00	3769225.00	0.10321	419575.00	3769225.00	0.10768
419675.00	3769225.00	0.11787	419725.00	3769225.00	0.12339
419775.00	3769225.00	0.12917	419875.00	3769225.00	0.14150
419925.00	3769225.00	0.17540	419975.00	3769225.00	0.15486
420025.00	3769225.00	0.18483	420075.00	3769225.00	0.22068
420125.00	3769225.00	0.18768	420175.00	3769225.00	0.21213
420225.00	3769225.00	0.25747	420275.00	3769225.00	0.26264
420325.00	3769225.00	0.25837	420375.00	3769225.00	0.24560
420425.00	3769225.00	0.22381	420475.00	3769225.00	0.19553
420525.00	3769225.00	0.17964	420575.00	3769225.00	0.17117
420625.00	3769225.00	0.15590	420675.00	3769225.00	0.13307
420875.00	3769225.00	0.10774	421175.00	3769225.00	0.08900
421225.00	3769225.00	0.08652	421275.00	3769225.00	0.08315
421325.00	3769225.00	0.07984	419475.00	3769275.00	0.10182
419525.00	3769275.00	0.10613	419725.00	3769275.00	0.12844
419775.00	3769275.00	0.13484	419875.00	3769275.00	0.14852
419925.00	3769275.00	0.15624	419975.00	3769275.00	0.16395
420125.00	3769275.00	0.18721	420175.00	3769275.00	0.20580
420225.00	3769275.00	0.25745	420275.00	3769275.00	0.26309
420325.00	3769275.00	0.27397	420375.00	3769275.00	0.27408
420425.00	3769275.00	0.26025	420475.00	3769275.00	0.23863
420525.00	3769275.00	0.22345	420575.00	3769275.00	0.19957
420625.00	3769275.00	0.17419	420675.00	3769275.00	0.15991
420725.00	3769275.00	0.15545	420775.00	3769275.00	0.14400

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
420825.00	3769275.00	0.12774	420925.00	3769275.00	0.10973
421175.00	3769275.00	0.09715	421225.00	3769275.00	0.09341
421275.00	3769275.00	0.08944	421325.00	3769275.00	0.08451
421375.00	3769275.00	0.08179	421425.00	3769275.00	0.07859
419475.00	3769325.00	0.10472	419625.00	3769325.00	0.12149
419675.00	3769325.00	0.12689	419725.00	3769325.00	0.13355
419775.00	3769325.00	0.14049	419825.00	3769325.00	0.14790
419925.00	3769325.00	0.16487	419975.00	3769325.00	0.17378
420025.00	3769325.00	0.18435	420075.00	3769325.00	0.19927
420175.00	3769325.00	0.21018	420225.00	3769325.00	0.22236
420275.00	3769325.00	0.23921	420325.00	3769325.00	0.28617
420375.00	3769325.00	0.28484	420425.00	3769325.00	0.28816
420475.00	3769325.00	0.27633	420525.00	3769325.00	0.25964
420575.00	3769325.00	0.22945	420625.00	3769325.00	0.21165
420675.00	3769325.00	0.19504	420725.00	3769325.00	0.17240
420775.00	3769325.00	0.15541	420825.00	3769325.00	0.13852
420925.00	3769325.00	0.11943	421125.00	3769325.00	0.10992
421175.00	3769325.00	0.10563	421225.00	3769325.00	0.10163
421275.00	3769325.00	0.09572	421325.00	3769325.00	0.09110
421375.00	3769325.00	0.08718	421475.00	3769325.00	0.07996
419625.00	3769375.00	0.12498	419675.00	3769375.00	0.13171
419725.00	3769375.00	0.13876	419775.00	3769375.00	0.14638
419825.00	3769375.00	0.15486	420075.00	3769375.00	0.20609
420275.00	3769375.00	0.31077	420325.00	3769375.00	0.34071
420725.00	3769375.00	0.17851	420925.00	3769375.00	0.13281
420975.00	3769375.00	0.13081	421125.00	3769375.00	0.12135
421175.00	3769375.00	0.11558	421225.00	3769375.00	0.11015
421275.00	3769375.00	0.10371	421325.00	3769375.00	0.09809
421425.00	3769375.00	0.08760	421475.00	3769375.00	0.08491
421525.00	3769375.00	0.08227	421575.00	3769375.00	0.08023
421625.00	3769375.00	0.07829	419575.00	3769425.00	0.12244
419625.00	3769425.00	0.12918	419675.00	3769425.00	0.13641
419725.00	3769425.00	0.14422	419775.00	3769425.00	0.15280
419825.00	3769425.00	0.16188	419925.00	3769425.00	0.18337
419975.00	3769425.00	0.19523	420175.00	3769425.00	0.24819
420225.00	3769425.00	0.27881	420275.00	3769425.00	0.36812
420325.00	3769425.00	0.38466	420425.00	3769425.00	0.36357
420475.00	3769425.00	0.33670	420725.00	3769425.00	0.19178
420875.00	3769425.00	0.15228	421075.00	3769425.00	0.13950
421175.00	3769425.00	0.12633	421225.00	3769425.00	0.11906

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
421375.00	3769425.00	0.09746	421425.00	3769425.00	0.09390
421475.00	3769425.00	0.09084	421525.00	3769425.00	0.08765
421575.00	3769425.00	0.08526	421625.00	3769425.00	0.08298
419525.00	3769475.00	0.11968	419575.00	3769475.00	0.12593
419625.00	3769475.00	0.13304	419675.00	3769475.00	0.14129
419725.00	3769475.00	0.15015	419775.00	3769475.00	0.15940
419825.00	3769475.00	0.16948	419925.00	3769475.00	0.19341
419975.00	3769475.00	0.20703	420225.00	3769475.00	0.37465
420275.00	3769475.00	0.41191	420325.00	3769475.00	0.42722
420375.00	3769475.00	0.39755	420425.00	3769475.00	0.38510
420475.00	3769475.00	0.35728	420725.00	3769475.00	0.20344
420775.00	3769475.00	0.18783	420825.00	3769475.00	0.18121
420875.00	3769475.00	0.17590	421025.00	3769475.00	0.16510
421125.00	3769475.00	0.14729	421175.00	3769475.00	0.13410
421325.00	3769475.00	0.10919	421375.00	3769475.00	0.10470
421425.00	3769475.00	0.10085	421575.00	3769475.00	0.09202
421625.00	3769475.00	0.08878	419525.00	3769525.00	0.12287
419575.00	3769525.00	0.12936	419625.00	3769525.00	0.13729
419825.00	3769525.00	0.17732	419925.00	3769525.00	0.20495
419975.00	3769525.00	0.22084	420025.00	3769525.00	0.23741
420075.00	3769525.00	0.25612	420275.00	3769525.00	0.46177
420325.00	3769525.00	0.47532	420375.00	3769525.00	0.44857
420425.00	3769525.00	0.42647	420475.00	3769525.00	0.40275
420775.00	3769525.00	0.22319	420825.00	3769525.00	0.21630
420975.00	3769525.00	0.19570	421075.00	3769525.00	0.17845
421325.00	3769525.00	0.11801	421375.00	3769525.00	0.11343
421425.00	3769525.00	0.11019	421475.00	3769525.00	0.10474
421575.00	3769525.00	0.09874	421625.00	3769525.00	0.09501
419475.00	3769575.00	0.11935	419525.00	3769575.00	0.12580
419575.00	3769575.00	0.13342	419625.00	3769575.00	0.14208
419675.00	3769575.00	0.15191	419725.00	3769575.00	0.16206
419775.00	3769575.00	0.17274	419925.00	3769575.00	0.21666
419975.00	3769575.00	0.23452	420075.00	3769575.00	0.27666
420225.00	3769575.00	0.37105	420275.00	3769575.00	0.50325
420325.00	3769575.00	0.53952	420775.00	3769575.00	0.27671
420825.00	3769575.00	0.26743	420925.00	3769575.00	0.24205
420975.00	3769575.00	0.22824	421575.00	3769575.00	0.10646
421625.00	3769575.00	0.10191	419475.00	3769625.00	0.12186
419525.00	3769625.00	0.12915	419575.00	3769625.00	0.13799
419625.00	3769625.00	0.14699	419675.00	3769625.00	0.15697

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419725.00	3769625.00	0.16800	419775.00	3769625.00	0.18022
419875.00	3769625.00	0.21086	420125.00	3769625.00	0.32715
420175.00	3769625.00	0.35873	420275.00	3769625.00	0.47064
420325.00	3769625.00	0.60472	420375.00	3769625.00	0.62579
420425.00	3769625.00	0.63228	420475.00	3769625.00	0.63736
420525.00	3769625.00	0.52456	420675.00	3769625.00	0.37698
420725.00	3769625.00	0.35903	420775.00	3769625.00	0.35360
420825.00	3769625.00	0.34774	420925.00	3769625.00	0.28952
421525.00	3769625.00	0.12232	421575.00	3769625.00	0.11578
421625.00	3769625.00	0.10972	419475.00	3769675.00	0.12484
419525.00	3769675.00	0.13248	419575.00	3769675.00	0.14209
419625.00	3769675.00	0.15167	419675.00	3769675.00	0.16239
419725.00	3769675.00	0.17431	419825.00	3769675.00	0.20368
419875.00	3769675.00	0.22123	419925.00	3769675.00	0.24180
419975.00	3769675.00	0.26597	420025.00	3769675.00	0.29262
420075.00	3769675.00	0.32241	420125.00	3769675.00	0.35717
420275.00	3769675.00	0.48220	420375.00	3769675.00	0.64021
420425.00	3769675.00	0.64921	420475.00	3769675.00	0.76706
420525.00	3769675.00	0.69946	420575.00	3769675.00	0.59524
420625.00	3769675.00	0.52027	420675.00	3769675.00	0.49535
420725.00	3769675.00	0.46450	420925.00	3769675.00	0.34479
419475.00	3769725.00	0.12774	419525.00	3769725.00	0.13589
419575.00	3769725.00	0.14538	419625.00	3769725.00	0.15569
419675.00	3769725.00	0.16753	419725.00	3769725.00	0.17993
419825.00	3769725.00	0.21282	419875.00	3769725.00	0.23189
419925.00	3769725.00	0.25557	419975.00	3769725.00	0.28283
420025.00	3769725.00	0.31338	420075.00	3769725.00	0.34898
420125.00	3769725.00	0.39019	420175.00	3769725.00	0.43773
420225.00	3769725.00	0.49071	420275.00	3769725.00	0.55016
420375.00	3769725.00	0.68040	420425.00	3769725.00	0.75804
420475.00	3769725.00	0.91380	420525.00	3769725.00	0.90520
420575.00	3769725.00	0.81384	420625.00	3769725.00	0.68939
420675.00	3769725.00	0.62371	420725.00	3769725.00	0.61621
420775.00	3769725.00	0.59555	420875.00	3769725.00	0.46679
420975.00	3769725.00	0.38416	419475.00	3769775.00	0.13046
419525.00	3769775.00	0.13915	419575.00	3769775.00	0.14903
419625.00	3769775.00	0.16032	419675.00	3769775.00	0.17260
419775.00	3769775.00	0.20152	419825.00	3769775.00	0.22098
419875.00	3769775.00	0.24278	419975.00	3769775.00	0.29991
420025.00	3769775.00	0.33387	420075.00	3769775.00	0.37526

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
420125.00	3769775.00	0.42477	420175.00	3769775.00	0.48275
420225.00	3769775.00	0.55039	420275.00	3769775.00	0.62818
420325.00	3769775.00	0.71453	420375.00	3769775.00	0.80842
420425.00	3769775.00	1.02026	420475.00	3769775.00	1.14084
420525.00	3769775.00	1.10968	420575.00	3769775.00	1.10876
420675.00	3769775.00	0.86211	420725.00	3769775.00	0.75252
420775.00	3769775.00	0.74548	421075.00	3769775.00	0.35384
419475.00	3769825.00	0.13317	419525.00	3769825.00	0.14229
419575.00	3769825.00	0.15270	419625.00	3769825.00	0.16421
419675.00	3769825.00	0.17696	419775.00	3769825.00	0.21009
419875.00	3769825.00	0.25473	419925.00	3769825.00	0.28416
419975.00	3769825.00	0.31682	420025.00	3769825.00	0.35642
420075.00	3769825.00	0.40646	420125.00	3769825.00	0.46512
420175.00	3769825.00	0.53538	420225.00	3769825.00	0.61926
420275.00	3769825.00	0.71865	420325.00	3769825.00	0.83573
420375.00	3769825.00	0.96902	420425.00	3769825.00	1.11499
420475.00	3769825.00	1.25731	420525.00	3769825.00	1.38973
420575.00	3769825.00	1.48001	420675.00	3769825.00	1.32585
420725.00	3769825.00	1.07411	420775.00	3769825.00	1.00602
421075.00	3769825.00	0.42585	421125.00	3769825.00	0.35927
419475.00	3769875.00	0.13537	419525.00	3769875.00	0.14494
419575.00	3769875.00	0.15561	419725.00	3769875.00	0.19764
419775.00	3769875.00	0.21626	419825.00	3769875.00	0.23816
419875.00	3769875.00	0.26515	419925.00	3769875.00	0.29779
419975.00	3769875.00	0.33360	420025.00	3769875.00	0.38068
420075.00	3769875.00	0.43777	420125.00	3769875.00	0.50625
420175.00	3769875.00	0.59059	420225.00	3769875.00	0.69499
420275.00	3769875.00	0.82293	420325.00	3769875.00	0.98064
420375.00	3769875.00	1.17173	420425.00	3769875.00	1.39259
420475.00	3769875.00	1.63431	420525.00	3769875.00	1.87091
420575.00	3769875.00	2.06710	420625.00	3769875.00	2.16706
420675.00	3769875.00	1.99200	420725.00	3769875.00	1.67499
420775.00	3769875.00	1.49214	421075.00	3769875.00	0.50932
421125.00	3769875.00	0.44377	419475.00	3769925.00	0.13771
419525.00	3769925.00	0.14749	419575.00	3769925.00	0.15860
419625.00	3769925.00	0.17140	419875.00	3769925.00	0.27486
419925.00	3769925.00	0.30898	419975.00	3769925.00	0.35080
420025.00	3769925.00	0.40411	420075.00	3769925.00	0.46841
420125.00	3769925.00	0.54738	420175.00	3769925.00	0.64873
420225.00	3769925.00	0.77646	420275.00	3769925.00	0.93961

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
420325.00	3769925.00	1.15281	420375.00	3769925.00	1.41664
420425.00	3769925.00	1.75029	420475.00	3769925.00	2.14660
420525.00	3769925.00	2.59271	420575.00	3769925.00	2.99547
420625.00	3769925.00	3.23763	420675.00	3769925.00	3.18258
420725.00	3769925.00	2.87277	421025.00	3769925.00	0.70138
421075.00	3769925.00	0.61170	421125.00	3769925.00	0.52756
421175.00	3769925.00	0.45667	419475.00	3769975.00	0.13966
419525.00	3769975.00	0.14983	419675.00	3769975.00	0.19015
419725.00	3769975.00	0.20913	419825.00	3769975.00	0.25529
419875.00	3769975.00	0.28603	419925.00	3769975.00	0.32243
419975.00	3769975.00	0.36759	420025.00	3769975.00	0.42432
420075.00	3769975.00	0.49639	420125.00	3769975.00	0.58928
420175.00	3769975.00	0.70762	420225.00	3769975.00	0.85893
420275.00	3769975.00	1.06798	420325.00	3769975.00	1.35251
420375.00	3769975.00	1.73359	420425.00	3769975.00	2.24562
420475.00	3769975.00	2.91259	420525.00	3769975.00	3.73807
420575.00	3769975.00	4.68692	420625.00	3769975.00	5.54344
420675.00	3769975.00	5.61405	420725.00	3769975.00	4.78227
420775.00	3769975.00	3.39390	420825.00	3769975.00	2.47100
419475.00	3770025.00	0.14136	419525.00	3770025.00	0.15176
419625.00	3770025.00	0.17758	419675.00	3770025.00	0.19473
419725.00	3770025.00	0.21428	419875.00	3770025.00	0.29573
419925.00	3770025.00	0.33562	419975.00	3770025.00	0.38477
420025.00	3770025.00	0.44664	420075.00	3770025.00	0.52559
420125.00	3770025.00	0.62827	420175.00	3770025.00	0.76059
420225.00	3770025.00	0.94299	420275.00	3770025.00	1.20432
420325.00	3770025.00	1.55580	420375.00	3770025.00	2.09220
420425.00	3770025.00	2.86434	420475.00	3770025.00	4.00093
420525.00	3770025.00	5.61476	419575.00	3770075.00	0.16565
419625.00	3770075.00	0.18013	419675.00	3770075.00	0.19707
419725.00	3770075.00	0.21682	419775.00	3770075.00	0.23995
419825.00	3770075.00	0.26823	419875.00	3770075.00	0.30138
419925.00	3770075.00	0.34305	419975.00	3770075.00	0.39569
420025.00	3770075.00	0.46343	420075.00	3770075.00	0.54958
420125.00	3770075.00	0.66229	420175.00	3770075.00	0.80798
420225.00	3770075.00	1.02023	420275.00	3770075.00	1.33279
420325.00	3770075.00	1.79072	420375.00	3770075.00	2.49158
420425.00	3770075.00	3.63926	420475.00	3770075.00	5.53010
420875.00	3770075.00	3.78667	419475.00	3770125.00	0.14362
419575.00	3770125.00	0.16707	419625.00	3770125.00	0.18155

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419675.00	3770125.00	0.19837	419725.00	3770125.00	0.21828
419775.00	3770125.00	0.24190	419825.00	3770125.00	0.27035
419875.00	3770125.00	0.30502	419925.00	3770125.00	0.34791
419975.00	3770125.00	0.40182	420025.00	3770125.00	0.47086
420075.00	3770125.00	0.56088	420125.00	3770125.00	0.68174
420175.00	3770125.00	0.84517	420225.00	3770125.00	1.07997
420275.00	3770125.00	1.42387	420325.00	3770125.00	1.96516
420725.00	3770125.00	50.71199	420775.00	3770125.00	16.78494
420825.00	3770125.00	8.50030	420975.00	3770125.00	2.48973
421125.00	3770125.00	1.17116	421175.00	3770125.00	0.93126
421625.00	3770125.00	0.25398	419575.00	3770175.00	0.16719
419675.00	3770175.00	0.19966	419825.00	3770175.00	0.27288
419875.00	3770175.00	0.30819	419925.00	3770175.00	0.35199
419975.00	3770175.00	0.40703	420025.00	3770175.00	0.47773
420075.00	3770175.00	0.57046	420225.00	3770175.00	1.11402
420275.00	3770175.00	1.48764	420525.00	3770175.00	23.83175
420725.00	3770175.00	38.40934	420775.00	3770175.00	17.44420
420825.00	3770175.00	9.92058	420925.00	3770175.00	4.04446
420975.00	3770175.00	2.78298	421025.00	3770175.00	2.03836
421075.00	3770175.00	1.62636	421125.00	3770175.00	1.32404
421175.00	3770175.00	1.07313	421225.00	3770175.00	0.85965
421375.00	3770175.00	0.49913	421425.00	3770175.00	0.43655
421475.00	3770175.00	0.38561	421525.00	3770175.00	0.34694
421575.00	3770175.00	0.31154	421625.00	3770175.00	0.27743
419475.00	3770225.00	0.14392	419575.00	3770225.00	0.16819
419625.00	3770225.00	0.18295	419875.00	3770225.00	0.30880
420225.00	3770225.00	1.11685	420875.00	3770225.00	6.25414
420925.00	3770225.00	4.23269	421025.00	3770225.00	2.18456
421075.00	3770225.00	1.74390	421125.00	3770225.00	1.41771
421175.00	3770225.00	1.14869	421225.00	3770225.00	0.93973
421375.00	3770225.00	0.53468	421425.00	3770225.00	0.46581
421475.00	3770225.00	0.41023	421525.00	3770225.00	0.36592
421575.00	3770225.00	0.32873	421625.00	3770225.00	0.29837
419575.00	3770275.00	0.16797	419825.00	3770275.00	0.27220
419925.00	3770275.00	0.35008	419975.00	3770275.00	0.40278
420025.00	3770275.00	0.47351	420425.00	3770275.00	4.92643
420475.00	3770275.00	9.57052	420675.00	3770275.00	30.90605
420725.00	3770275.00	18.41769	420825.00	3770275.00	8.02977
420875.00	3770275.00	5.63017	420975.00	3770275.00	2.84984
421025.00	3770275.00	2.13574	421075.00	3770275.00	1.72696

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
421125.00	3770275.00	1.43230	421175.00	3770275.00	1.18055
421225.00	3770275.00	0.97177	421375.00	3770275.00	0.57048
421425.00	3770275.00	0.48974	421475.00	3770275.00	0.43062
421525.00	3770275.00	0.38350	421575.00	3770275.00	0.34470
421625.00	3770275.00	0.31254	419525.00	3770325.00	0.15447
419575.00	3770325.00	0.16758	419625.00	3770325.00	0.18269
419925.00	3770325.00	0.34494	419975.00	3770325.00	0.39796
420025.00	3770325.00	0.46387	420425.00	3770325.00	3.89607
420575.00	3770325.00	16.13505	420625.00	3770325.00	16.78589
420925.00	3770325.00	3.33573	421175.00	3770325.00	1.14636
421225.00	3770325.00	0.96196	421375.00	3770325.00	0.58103
421425.00	3770325.00	0.50525	421475.00	3770325.00	0.44671
419525.00	3770375.00	0.15320	419575.00	3770375.00	0.16652
419625.00	3770375.00	0.18091	419675.00	3770375.00	0.19713
419775.00	3770375.00	0.23879	419825.00	3770375.00	0.26597
419875.00	3770375.00	0.29832	420275.00	3770375.00	1.20136
420325.00	3770375.00	1.56519	420375.00	3770375.00	2.09966
420425.00	3770375.00	2.90394	420575.00	3770375.00	6.99239
420625.00	3770375.00	7.63115	420975.00	3770375.00	2.05323
421025.00	3770375.00	1.68786	421075.00	3770375.00	1.46458
421125.00	3770375.00	1.25009	421175.00	3770375.00	1.06350
421225.00	3770375.00	0.90994	421275.00	3770375.00	0.77658
421325.00	3770375.00	0.66860	421375.00	3770375.00	0.58260
421425.00	3770375.00	0.51291	421475.00	3770375.00	0.46345
420125.00	3770425.00	0.58705	420175.00	3770425.00	0.70245
420225.00	3770425.00	0.85363	420275.00	3770425.00	1.05391
420325.00	3770425.00	1.32279	420375.00	3770425.00	1.68728
420425.00	3770425.00	2.16909	421475.00	3770425.00	0.47625
421575.00	3770425.00	0.39372	421625.00	3770425.00	0.35799
419875.00	3770475.00	0.27986	419925.00	3770475.00	0.31336
419975.00	3770475.00	0.35402	420025.00	3770475.00	0.40367
420125.00	3770475.00	0.54130	420175.00	3770475.00	0.63676
420225.00	3770475.00	0.75913	420275.00	3770475.00	0.91356
420325.00	3770475.00	1.10956	420375.00	3770475.00	1.35446
420425.00	3770475.00	1.65107	420825.00	3770475.00	2.38324
420875.00	3770475.00	2.13193	420925.00	3770475.00	1.93413
421075.00	3770475.00	1.26559	421325.00	3770475.00	0.65645
421375.00	3770475.00	0.60067	421475.00	3770475.00	0.47268
419575.00	3770525.00	0.15885	419625.00	3770525.00	0.17123
419725.00	3770525.00	0.20161	419775.00	3770525.00	0.22040

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419825.00	3770525.00	0.24229	419875.00	3770525.00	0.26805
419925.00	3770525.00	0.29860	419975.00	3770525.00	0.33469
420025.00	3770525.00	0.37834	420125.00	3770525.00	0.49558
420175.00	3770525.00	0.57335	420225.00	3770525.00	0.66847
420275.00	3770525.00	0.78494	420325.00	3770525.00	0.92489
420375.00	3770525.00	1.08922	420425.00	3770525.00	1.27552
420475.00	3770525.00	1.47188	420525.00	3770525.00	1.65530
420675.00	3770525.00	1.91660	420925.00	3770525.00	1.53187
420975.00	3770525.00	1.37266	421025.00	3770525.00	1.18254
421075.00	3770525.00	1.08087	421425.00	3770525.00	0.51910
421525.00	3770525.00	0.44396	421575.00	3770525.00	0.40498
419625.00	3770575.00	0.16601	419675.00	3770575.00	0.18016
419725.00	3770575.00	0.19535	419775.00	3770575.00	0.21271
419825.00	3770575.00	0.23279	419875.00	3770575.00	0.25607
419925.00	3770575.00	0.28316	419975.00	3770575.00	0.31501
420025.00	3770575.00	0.35258	420075.00	3770575.00	0.39707
420125.00	3770575.00	0.44985	420175.00	3770575.00	0.51325
420225.00	3770575.00	0.58696	420275.00	3770575.00	0.67412
420325.00	3770575.00	0.77450	420375.00	3770575.00	0.88728
420425.00	3770575.00	1.00842	420975.00	3770575.00	1.12866
421025.00	3770575.00	1.03338	421075.00	3770575.00	0.94488
421375.00	3770575.00	0.55421	421475.00	3770575.00	0.46297
419475.00	3770625.00	0.13075	419525.00	3770625.00	0.13917
419575.00	3770625.00	0.14862	419725.00	3770625.00	0.18857
419775.00	3770625.00	0.20447	419825.00	3770625.00	0.22259
419875.00	3770625.00	0.24336	419925.00	3770625.00	0.26711
420025.00	3770625.00	0.32752	420075.00	3770625.00	0.36496
420125.00	3770625.00	0.40820	420175.00	3770625.00	0.45824
420225.00	3770625.00	0.51609	420275.00	3770625.00	0.58143
420325.00	3770625.00	0.65421	420375.00	3770625.00	0.73331
420425.00	3770625.00	0.81513	420475.00	3770625.00	0.89491
420525.00	3770625.00	0.96663	420575.00	3770625.00	1.02257
420625.00	3770625.00	1.05869	420675.00	3770625.00	1.07569
420725.00	3770625.00	1.07551	420775.00	3770625.00	1.06323
421075.00	3770625.00	0.81978	421175.00	3770625.00	0.69482
421225.00	3770625.00	0.64743	421275.00	3770625.00	0.59965
421475.00	3770625.00	0.43117	421525.00	3770625.00	0.39249
421625.00	3770625.00	0.33122	419475.00	3770675.00	0.12769
419525.00	3770675.00	0.13568	419575.00	3770675.00	0.14442
419625.00	3770675.00	0.15439	419725.00	3770675.00	0.18091

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419775.00	3770675.00	0.19593	419975.00	3770675.00	0.27603
420075.00	3770675.00	0.33473	420125.00	3770675.00	0.36995
420175.00	3770675.00	0.41003	420225.00	3770675.00	0.45485
420275.00	3770675.00	0.50429	420325.00	3770675.00	0.55784
420375.00	3770675.00	0.61468	420425.00	3770675.00	0.67155
420575.00	3770675.00	0.80947	420625.00	3770675.00	0.83086
420675.00	3770675.00	0.83774	420725.00	3770675.00	0.84264
420975.00	3770675.00	0.75497	421025.00	3770675.00	0.72784
421075.00	3770675.00	0.68212	421325.00	3770675.00	0.49338
421375.00	3770675.00	0.45755	421425.00	3770675.00	0.42888
421575.00	3770675.00	0.33595	421625.00	3770675.00	0.31075
419475.00	3770725.00	0.12454	419525.00	3770725.00	0.13199
419575.00	3770725.00	0.14022	419625.00	3770725.00	0.14930
419675.00	3770725.00	0.15943	419875.00	3770725.00	0.21779
419975.00	3770725.00	0.25729	420025.00	3770725.00	0.28054
420075.00	3770725.00	0.30655	420125.00	3770725.00	0.33537
420175.00	3770725.00	0.36751	420675.00	3770725.00	0.67636
420725.00	3770725.00	0.66941	420775.00	3770725.00	0.68215
420975.00	3770725.00	0.59380	421025.00	3770725.00	0.57984
421075.00	3770725.00	0.56047	421225.00	3770725.00	0.48941
421275.00	3770725.00	0.46491	421325.00	3770725.00	0.44007
421375.00	3770725.00	0.41423	421425.00	3770725.00	0.38914
421475.00	3770725.00	0.36431	421525.00	3770725.00	0.34169
421575.00	3770725.00	0.31418	421625.00	3770725.00	0.28975
419475.00	3770775.00	0.12127	419525.00	3770775.00	0.12823
419575.00	3770775.00	0.13586	419625.00	3770775.00	0.14426
419675.00	3770775.00	0.15350	419725.00	3770775.00	0.16371
419875.00	3770775.00	0.20591	419925.00	3770775.00	0.22193
419975.00	3770775.00	0.23972	420025.00	3770775.00	0.25939
420075.00	3770775.00	0.28090	420125.00	3770775.00	0.30413
420325.00	3770775.00	0.41326	420375.00	3770775.00	0.44630
420425.00	3770775.00	0.47756	420475.00	3770775.00	0.50627
420525.00	3770775.00	0.53141	420575.00	3770775.00	0.55118
420725.00	3770775.00	0.56831	420775.00	3770775.00	0.56262
420825.00	3770775.00	0.56379	421025.00	3770775.00	0.50953
421075.00	3770775.00	0.48552	421125.00	3770775.00	0.45508
421175.00	3770775.00	0.43105	421225.00	3770775.00	0.40997
421275.00	3770775.00	0.40767	421325.00	3770775.00	0.39303
421375.00	3770775.00	0.37265	421425.00	3770775.00	0.35252
421475.00	3770775.00	0.33244	421525.00	3770775.00	0.31387

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
421575.00	3770775.00	0.29578	421625.00	3770775.00	0.27628
419525.00	3770825.00	0.12425	419575.00	3770825.00	0.13136
419625.00	3770825.00	0.13910	419675.00	3770825.00	0.14748
419725.00	3770825.00	0.15678	419775.00	3770825.00	0.16718
419875.00	3770825.00	0.19383	419925.00	3770825.00	0.20819
419975.00	3770825.00	0.22339	420025.00	3770825.00	0.23990
420125.00	3770825.00	0.27136	420275.00	3770825.00	0.33838
420575.00	3770825.00	0.46809	420625.00	3770825.00	0.47689
420675.00	3770825.00	0.48416	420725.00	3770825.00	0.48222
420775.00	3770825.00	0.47003	420825.00	3770825.00	0.47150
420875.00	3770825.00	0.47387	420925.00	3770825.00	0.46653
420975.00	3770825.00	0.45847	421025.00	3770825.00	0.44452
421075.00	3770825.00	0.42774	421125.00	3770825.00	0.41939
421175.00	3770825.00	0.40548	421225.00	3770825.00	0.38582
421275.00	3770825.00	0.37235	421325.00	3770825.00	0.35409
421375.00	3770825.00	0.33138	421425.00	3770825.00	0.31312
421475.00	3770825.00	0.30099	421525.00	3770825.00	0.28646
421575.00	3770825.00	0.27009	421625.00	3770825.00	0.25867
419525.00	3770875.00	0.12067	419575.00	3770875.00	0.12687
419725.00	3770875.00	0.14990	419775.00	3770875.00	0.15918
419825.00	3770875.00	0.16902	419875.00	3770875.00	0.18033
419925.00	3770875.00	0.19206	419975.00	3770875.00	0.20458
420025.00	3770875.00	0.21792	420075.00	3770875.00	0.23206
420125.00	3770875.00	0.24768	420175.00	3770875.00	0.26471
420225.00	3770875.00	0.28241	420275.00	3770875.00	0.30021
420325.00	3770875.00	0.31784	420375.00	3770875.00	0.33566
420425.00	3770875.00	0.35280	420475.00	3770875.00	0.36876
420525.00	3770875.00	0.38444	420625.00	3770875.00	0.40924
420675.00	3770875.00	0.41371	420725.00	3770875.00	0.41699
420775.00	3770875.00	0.40500	420825.00	3770875.00	0.40153
420875.00	3770875.00	0.40771	420925.00	3770875.00	0.39906
420975.00	3770875.00	0.39581	421025.00	3770875.00	0.38989
421075.00	3770875.00	0.38199	421125.00	3770875.00	0.37241
421175.00	3770875.00	0.36020	421225.00	3770875.00	0.34984
421275.00	3770875.00	0.33509	421325.00	3770875.00	0.32002
421375.00	3770875.00	0.30146	421425.00	3770875.00	0.28637
421475.00	3770875.00	0.27241	421525.00	3770875.00	0.25896
421575.00	3770875.00	0.24573	421625.00	3770875.00	0.23815
419525.00	3770925.00	0.11700	419575.00	3770925.00	0.12260
419625.00	3770925.00	0.12904	419675.00	3770925.00	0.13596

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419725.00	3770925.00	0.14343	419775.00	3770925.00	0.15154
419825.00	3770925.00	0.16024	419875.00	3770925.00	0.16964
419925.00	3770925.00	0.17949	420025.00	3770925.00	0.20211
420075.00	3770925.00	0.21430	420125.00	3770925.00	0.22732
420175.00	3770925.00	0.24122	420225.00	3770925.00	0.25550
420275.00	3770925.00	0.26976	420325.00	3770925.00	0.28416
420375.00	3770925.00	0.29826	420425.00	3770925.00	0.31176
420475.00	3770925.00	0.32442	420525.00	3770925.00	0.33580
420575.00	3770925.00	0.34741	420675.00	3770925.00	0.35126
420725.00	3770925.00	0.35776	420775.00	3770925.00	0.35827
420825.00	3770925.00	0.34774	420875.00	3770925.00	0.35521
420925.00	3770925.00	0.34027	420975.00	3770925.00	0.33670
421025.00	3770925.00	0.34157	421075.00	3770925.00	0.33469
421125.00	3770925.00	0.32631	421175.00	3770925.00	0.31213
421225.00	3770925.00	0.29990	421275.00	3770925.00	0.29277
421325.00	3770925.00	0.28164	421375.00	3770925.00	0.27080
421425.00	3770925.00	0.26076	421475.00	3770925.00	0.24654
421525.00	3770925.00	0.23584	421575.00	3770925.00	0.22599
421625.00	3770925.00	0.21815	419525.00	3770975.00	0.11338
419575.00	3770975.00	0.11839	419625.00	3770975.00	0.12419
419675.00	3770975.00	0.13039	419875.00	3770975.00	0.16019
419925.00	3770975.00	0.16898	419975.00	3770975.00	0.17815
420025.00	3770975.00	0.18801	420125.00	3770975.00	0.20956
420175.00	3770975.00	0.22097	420225.00	3770975.00	0.23264
420275.00	3770975.00	0.24434	420325.00	3770975.00	0.25599
420375.00	3770975.00	0.26737	420425.00	3770975.00	0.27817
420475.00	3770975.00	0.28809	420525.00	3770975.00	0.29736
420575.00	3770975.00	0.30651	420625.00	3770975.00	0.31498
420675.00	3770975.00	0.31211	420725.00	3770975.00	0.30818
420775.00	3770975.00	0.31120	420825.00	3770975.00	0.30346
420875.00	3770975.00	0.31007	420925.00	3770975.00	0.28958
420975.00	3770975.00	0.28577	421025.00	3770975.00	0.30199
421075.00	3770975.00	0.27845	421125.00	3770975.00	0.27952
421175.00	3770975.00	0.27094	421225.00	3770975.00	0.26010
421275.00	3770975.00	0.25147	421325.00	3770975.00	0.24334
421375.00	3770975.00	0.23759	421425.00	3770975.00	0.23036
421475.00	3770975.00	0.22058	421525.00	3770975.00	0.21098
421575.00	3770975.00	0.20359	421625.00	3770975.00	0.19527
419525.00	3771025.00	0.10982	419575.00	3771025.00	0.11421
419625.00	3771025.00	0.11946	419675.00	3771025.00	0.12507

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419725.00	3771025.00	0.13119	419775.00	3771025.00	0.13757
419825.00	3771025.00	0.14429	419875.00	3771025.00	0.15151
419925.00	3771025.00	0.15910	419975.00	3771025.00	0.16715
420025.00	3771025.00	0.17562	420075.00	3771025.00	0.18454
420125.00	3771025.00	0.19329	420175.00	3771025.00	0.20320
420225.00	3771025.00	0.21299	420275.00	3771025.00	0.22263
420325.00	3771025.00	0.23217	420375.00	3771025.00	0.24150
420425.00	3771025.00	0.25024	420475.00	3771025.00	0.25819
420525.00	3771025.00	0.26587	420575.00	3771025.00	0.27294
420625.00	3771025.00	0.27938	420675.00	3771025.00	0.27620
420725.00	3771025.00	0.26711	420775.00	3771025.00	0.26749
420825.00	3771025.00	0.26231	420875.00	3771025.00	0.26768
420925.00	3771025.00	0.25451	420975.00	3771025.00	0.25211
421025.00	3771025.00	0.26712	421075.00	3771025.00	0.24227
421125.00	3771025.00	0.23767	421175.00	3771025.00	0.23677
421225.00	3771025.00	0.22788	421275.00	3771025.00	0.21923
421325.00	3771025.00	0.21252	421375.00	3771025.00	0.20658
421425.00	3771025.00	0.20296	421475.00	3771025.00	0.19908
421525.00	3771025.00	0.18786	421575.00	3771025.00	0.17919
421625.00	3771025.00	0.17199	419475.00	3771075.00	0.10297
419675.00	3771075.00	0.12002	419725.00	3771075.00	0.12559
419775.00	3771075.00	0.13115	419825.00	3771075.00	0.13710
419875.00	3771075.00	0.14341	419925.00	3771075.00	0.15007
419975.00	3771075.00	0.15707	420025.00	3771075.00	0.16451
420075.00	3771075.00	0.17221	420125.00	3771075.00	0.18011
420175.00	3771075.00	0.18815	420225.00	3771075.00	0.19572
420275.00	3771075.00	0.20395	420325.00	3771075.00	0.21184
420375.00	3771075.00	0.21959	420425.00	3771075.00	0.22674
420475.00	3771075.00	0.23316	420525.00	3771075.00	0.23955
420575.00	3771075.00	0.24640	420625.00	3771075.00	0.25155
420675.00	3771075.00	0.24605	420725.00	3771075.00	0.23395
420775.00	3771075.00	0.23302	420825.00	3771075.00	0.23304
420875.00	3771075.00	0.22978	420925.00	3771075.00	0.22574
420975.00	3771075.00	0.22481	421025.00	3771075.00	0.23856
421075.00	3771075.00	0.21194	421125.00	3771075.00	0.21017
421175.00	3771075.00	0.21151	421225.00	3771075.00	0.20321
421275.00	3771075.00	0.19525	421325.00	3771075.00	0.18729
421375.00	3771075.00	0.18065	421425.00	3771075.00	0.17342
421475.00	3771075.00	0.17798	421525.00	3771075.00	0.17064
421575.00	3771075.00	0.16175	421625.00	3771075.00	0.15813

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419475.00	3771125.00	0.09974	419525.00	3771125.00	0.10370
419575.00	3771125.00	0.10801	419775.00	3771125.00	0.12555
419825.00	3771125.00	0.13053	419875.00	3771125.00	0.13602
419925.00	3771125.00	0.14186	419975.00	3771125.00	0.14806
420025.00	3771125.00	0.15468	420075.00	3771125.00	0.16116
420125.00	3771125.00	0.16777	420175.00	3771125.00	0.17438
420225.00	3771125.00	0.18110	420275.00	3771125.00	0.18707
420325.00	3771125.00	0.19438	420375.00	3771125.00	0.20089
420425.00	3771125.00	0.20678	420475.00	3771125.00	0.21213
420525.00	3771125.00	0.21744	420575.00	3771125.00	0.22242
420625.00	3771125.00	0.22698	420675.00	3771125.00	0.22331
420725.00	3771125.00	0.20880	420775.00	3771125.00	0.20938
420825.00	3771125.00	0.20647	420875.00	3771125.00	0.20433
420925.00	3771125.00	0.20199	420975.00	3771125.00	0.19962
421025.00	3771125.00	0.20883	421075.00	3771125.00	0.20616
421125.00	3771125.00	0.20037	421175.00	3771125.00	0.19327
421225.00	3771125.00	0.18819	421275.00	3771125.00	0.17575
421325.00	3771125.00	0.16894	421375.00	3771125.00	0.16040
421425.00	3771125.00	0.15887	421475.00	3771125.00	0.16058
421525.00	3771125.00	0.15457	421575.00	3771125.00	0.14892
421625.00	3771125.00	0.14631	419775.00	3771175.00	0.12036
419825.00	3771175.00	0.12467	419875.00	3771175.00	0.12943
419925.00	3771175.00	0.13453	419975.00	3771175.00	0.13988
420025.00	3771175.00	0.14552	420075.00	3771175.00	0.15128
420125.00	3771175.00	0.15704	420175.00	3771175.00	0.16278
420225.00	3771175.00	0.16807	420275.00	3771175.00	0.17364
420325.00	3771175.00	0.17914	420375.00	3771175.00	0.18460
420425.00	3771175.00	0.18970	420475.00	3771175.00	0.19420
420525.00	3771175.00	0.19853	420675.00	3771175.00	0.20742
420725.00	3771175.00	0.19177	420775.00	3771175.00	0.18868
420825.00	3771175.00	0.18809	420875.00	3771175.00	0.18568
420925.00	3771175.00	0.18237	420975.00	3771175.00	0.18102
421025.00	3771175.00	0.18281	421075.00	3771175.00	0.18764
421125.00	3771175.00	0.18325	421175.00	3771175.00	0.17812
421225.00	3771175.00	0.17176	421275.00	3771175.00	0.16596
421325.00	3771175.00	0.15632	421375.00	3771175.00	0.14732
421425.00	3771175.00	0.14598	421475.00	3771175.00	0.14229
421525.00	3771175.00	0.13899	421575.00	3771175.00	0.13737
421625.00	3771175.00	0.13728	419475.00	3771225.00	0.09348
419875.00	3771225.00	0.12336	419925.00	3771225.00	0.12776

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
419975.00	3771225.00	0.13260	420025.00	3771225.00	0.13727
420075.00	3771225.00	0.14219	420125.00	3771225.00	0.14726
420175.00	3771225.00	0.15238	420225.00	3771225.00	0.15679
420275.00	3771225.00	0.16132	420325.00	3771225.00	0.16601
420375.00	3771225.00	0.17058	420425.00	3771225.00	0.17438
420475.00	3771225.00	0.17863	420525.00	3771225.00	0.18236
420775.00	3771225.00	0.17708	420825.00	3771225.00	0.17203
420875.00	3771225.00	0.17033	420925.00	3771225.00	0.16606
420975.00	3771225.00	0.16535	421025.00	3771225.00	0.16593
421075.00	3771225.00	0.16895	421125.00	3771225.00	0.16580
421175.00	3771225.00	0.15816	421225.00	3771225.00	0.15544
421275.00	3771225.00	0.15247	421425.00	3771225.00	0.13372
421475.00	3771225.00	0.12950	421525.00	3771225.00	0.12836
421575.00	3771225.00	0.12715	421625.00	3771225.00	0.12880
419475.00	3771275.00	0.09047	419525.00	3771275.00	0.09351
419625.00	3771275.00	0.09980	419675.00	3771275.00	0.10345
419725.00	3771275.00	0.10687	419775.00	3771275.00	0.11081
419825.00	3771275.00	0.11437	419875.00	3771275.00	0.11817
419925.00	3771275.00	0.12232	419975.00	3771275.00	0.12583
420025.00	3771275.00	0.13003	420075.00	3771275.00	0.13431
420125.00	3771275.00	0.13862	420175.00	3771275.00	0.14294
420225.00	3771275.00	0.14716	420275.00	3771275.00	0.15062
420325.00	3771275.00	0.15463	420375.00	3771275.00	0.15840
420425.00	3771275.00	0.16193	420475.00	3771275.00	0.16509
420675.00	3771275.00	0.17489	420875.00	3771275.00	0.15757
420925.00	3771275.00	0.15191	420975.00	3771275.00	0.14963
421025.00	3771275.00	0.15148	421075.00	3771275.00	0.14948
421125.00	3771275.00	0.14559	421175.00	3771275.00	0.14130
421425.00	3771275.00	0.12282	421475.00	3771275.00	0.12134
421525.00	3771275.00	0.11987	421575.00	3771275.00	0.11957
421625.00	3771275.00	0.12355	419475.00	3771325.00	0.08754
419525.00	3771325.00	0.09035	419625.00	3771325.00	0.09603
419675.00	3771325.00	0.09933	419725.00	3771325.00	0.10272
419775.00	3771325.00	0.10608	419825.00	3771325.00	0.10956
419875.00	3771325.00	0.11311	419925.00	3771325.00	0.11674
419975.00	3771325.00	0.11986	420025.00	3771325.00	0.12333
420075.00	3771325.00	0.12710	420125.00	3771325.00	0.13083
420175.00	3771325.00	0.13458	420225.00	3771325.00	0.13832
420275.00	3771325.00	0.14175	420325.00	3771325.00	0.14458
420375.00	3771325.00	0.14778	420425.00	3771325.00	0.15086

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
420475.00	3771325.00	0.15369	420675.00	3771325.00	0.16151
420775.00	3771325.00	0.15422	420875.00	3771325.00	0.14836
420925.00	3771325.00	0.14390	420975.00	3771325.00	0.13550
421025.00	3771325.00	0.13524	421175.00	3771325.00	0.12358
421425.00	3771325.00	0.11496	421475.00	3771325.00	0.11389
421525.00	3771325.00	0.11328	421575.00	3771325.00	0.11649
421625.00	3771325.00	0.11718	420558.00	3770023.77	6.97655
420607.88	3769999.76	7.08136	420540.81	3770341.01	9.64600
420517.13	3770376.53	5.28864			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
419475.00	3769175.00	7.01364	(15120908)	419525.00	3769175.00	7.30786	(15120908)
419575.00	3769175.00	7.61037	(15120908)	419625.00	3769175.00	7.92472	(15120908)
419675.00	3769175.00	8.27743	(15120908)	419725.00	3769175.00	8.62668	(15120908)
419775.00	3769175.00	8.98862	(15120908)	419925.00	3769175.00	10.13952	(15120908)
419975.00	3769175.00	20.66275	(12010408)	420025.00	3769175.00	28.51589	(12010408)
420075.00	3769175.00	41.75621	(12010408)	420125.00	3769175.00	43.40852	(16121308)
420175.00	3769175.00	39.74013	(14010608)	420225.00	3769175.00	48.44357	(14010608)
420275.00	3769175.00	59.39037	(12010508)	420325.00	3769175.00	69.70146	(12010508)
420375.00	3769175.00	81.18192	(14011608)	420425.00	3769175.00	85.45082	(16121608)
420475.00	3769175.00	84.70101	(16121608)	420525.00	3769175.00	75.18066	(16121608)
420575.00	3769175.00	64.12261	(12021008)	420625.00	3769175.00	52.01968	(15012108)
420675.00	3769175.00	47.81186	(14120408)	420725.00	3769175.00	56.34518	(14120408)
420775.00	3769175.00	60.38647	(14120408)	420825.00	3769175.00	59.65136	(14120408)
421025.00	3769175.00	19.33577	(14120408)	421225.00	3769175.00	8.48316	(12112008)
421275.00	3769175.00	8.11574	(12112008)	421425.00	3769175.00	10.66574	(14120116)
421475.00	3769175.00	11.15271	(14120116)	419475.00	3769225.00	7.26467	(15120908)
419525.00	3769225.00	7.57725	(15120908)	419575.00	3769225.00	7.90816	(15120908)
419675.00	3769225.00	8.64551	(15120908)	419725.00	3769225.00	9.03040	(15120908)
419775.00	3769225.00	9.43173	(15120908)	419875.00	3769225.00	10.26227	(15120908)
419925.00	3769225.00	22.80772	(16122108)	419975.00	3769225.00	11.17333	(15120908)
420025.00	3769225.00	20.59808	(12010408)	420075.00	3769225.00	37.46732	(12010408)

420125.00	3769225.00	24.94414 (12021515)	420175.00	3769225.00	31.82524 (12021515)
420225.00	3769225.00	52.36845 (14010608)	420275.00	3769225.00	58.82228 (14010808)
420325.00	3769225.00	68.40038 (12010508)	420375.00	3769225.00	74.42351 (12010508)
420425.00	3769225.00	84.22738 (16121608)	420475.00	3769225.00	92.26130 (16121608)
420525.00	3769225.00	86.42023 (16121608)	420575.00	3769225.00	72.43054 (16121608)
420625.00	3769225.00	60.66970 (15012108)	420675.00	3769225.00	52.36013 (14120408)
420875.00	3769225.00	53.61205 (14120408)	421175.00	3769225.00	9.64166 (12112008)
421225.00	3769225.00	9.37228 (12112008)	421275.00	3769225.00	9.53963 (14120116)
421325.00	3769225.00	10.70979 (14120116)	419475.00	3769275.00	7.52013 (15120908)
419525.00	3769275.00	7.85185 (15120908)	419725.00	3769275.00	9.45196 (15120908)
419775.00	3769275.00	9.89464 (15120908)	419875.00	3769275.00	10.82444 (15120908)
419925.00	3769275.00	11.33845 (15120908)	419975.00	3769275.00	11.85933 (15120908)
420125.00	3769275.00	23.58790 (12021515)	420175.00	3769275.00	31.20123 (12021515)
420225.00	3769275.00	43.15660 (14010608)	420275.00	3769275.00	45.43687 (14010608)
420325.00	3769275.00	54.64148 (13010208)	420375.00	3769275.00	65.33949 (12010508)
420425.00	3769275.00	72.37158 (12123108)	420475.00	3769275.00	82.85641 (16121608)
420525.00	3769275.00	74.76109 (16121608)	420575.00	3769275.00	73.97611 (15012108)
420625.00	3769275.00	65.69408 (15012108)	420675.00	3769275.00	54.87734 (14120408)
420725.00	3769275.00	58.13939 (14120408)	420775.00	3769275.00	63.03076 (14120408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
420825.00	3769275.00	64.71015 (14120408)	420925.00	3769275.00	40.75876 (14120408)
421175.00	3769275.00	10.76156 (12112008)	421225.00	3769275.00	10.33170 (14120116)
421275.00	3769275.00	11.74175 (14120116)	421325.00	3769275.00	12.68478 (14120116)
421375.00	3769275.00	13.44117 (14120116)	421425.00	3769275.00	13.71831 (14120116)
419475.00	3769325.00	7.78599 (15120908)	419625.00	3769325.00	8.98682 (15120908)
419675.00	3769325.00	9.42994 (15120908)	419725.00	3769325.00	9.89133 (15120908)
419775.00	3769325.00	10.37486 (15120908)	419825.00	3769325.00	10.88019 (15120908)
419925.00	3769325.00	12.01556 (15120908)	419975.00	3769325.00	12.60007 (15120908)
420025.00	3769325.00	13.20660 (15120908)	420075.00	3769325.00	15.31376 (12021515)
420175.00	3769325.00	30.06289 (12021515)	420225.00	3769325.00	38.14106 (12021515)
420275.00	3769325.00	45.50559 (12021515)	420325.00	3769325.00	50.74405 (12021515)
420375.00	3769325.00	49.72676 (12120608)	420425.00	3769325.00	61.62164 (12120608)
420475.00	3769325.00	63.50219 (12021508)	420525.00	3769325.00	71.53660 (15012108)
420575.00	3769325.00	79.34997 (15012108)	420625.00	3769325.00	74.80336 (15012108)
420675.00	3769325.00	64.71403 (15012108)	420725.00	3769325.00	61.58798 (14120408)
420775.00	3769325.00	68.75271 (14120408)	420825.00	3769325.00	67.19325 (14120408)
420925.00	3769325.00	39.77137 (14120408)	421125.00	3769325.00	12.28956 (12112008)
421175.00	3769325.00	11.74804 (12112008)	421225.00	3769325.00	12.95733 (14120116)
421275.00	3769325.00	14.15761 (14120116)	421325.00	3769325.00	14.94491 (14120116)
421375.00	3769325.00	15.26863 (14120116)	421475.00	3769325.00	30.15138 (16011808)
419625.00	3769375.00	9.35194 (15120908)	419675.00	3769375.00	9.83937 (15120908)

419725.00	3769375.00	10.34283 (15120908)	419775.00	3769375.00	10.87306 (15120908)
419825.00	3769375.00	11.44967 (15120908)	420075.00	3769375.00	14.80426 (15120908)
420275.00	3769375.00	48.98137 (14010608)	420325.00	3769375.00	67.23605 (14010808)
420725.00	3769375.00	73.22611 (14120408)	420925.00	3769375.00	39.27368 (14120408)
420975.00	3769375.00	27.58206 (14120408)	421125.00	3769375.00	13.58150 (12112008)
421175.00	3769375.00	14.28182 (14120116)	421225.00	3769375.00	15.93014 (14120116)
421275.00	3769375.00	16.87458 (14120116)	421325.00	3769375.00	18.35112 (16011808)
421425.00	3769375.00	33.68960 (16011808)	421475.00	3769375.00	44.88681 (16011808)
421525.00	3769375.00	55.30140 (16011808)	421575.00	3769375.00	62.83194 (16011808)
421625.00	3769375.00	66.65672 (16011808)	419575.00	3769425.00	9.22709 (15120908)
419625.00	3769425.00	9.72707 (15120908)	419675.00	3769425.00	10.25452 (15120908)
419725.00	3769425.00	10.81184 (15120908)	419775.00	3769425.00	11.40935 (15120908)
419825.00	3769425.00	12.02528 (15120908)	419925.00	3769425.00	13.44576 (15120908)
419975.00	3769425.00	14.20865 (15120908)	420175.00	3769425.00	27.14874 (12021515)
420225.00	3769425.00	38.11754 (12021515)	420275.00	3769425.00	66.47798 (14010608)
420325.00	3769425.00	84.48623 (13012308)	420425.00	3769425.00	95.80324 (12010508)
420475.00	3769425.00	101.80982 (16121608)	420725.00	3769425.00	80.06238 (14120408)
420875.00	3769425.00	54.08812 (14120408)	421075.00	3769425.00	15.51833 (12112008)
421175.00	3769425.00	17.92804 (14120116)	421225.00	3769425.00	19.19634 (14120116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
421375.00	3769425.00	38.15582 (16011808)	421425.00	3769425.00	50.52172 (16011808)
421475.00	3769425.00	61.56616 (16011808)	421525.00	3769425.00	70.38004 (16011808)
421575.00	3769425.00	73.83732 (16011808)	421625.00	3769425.00	72.75414 (16011808)
419525.00	3769475.00	9.06729 (15120908)	419575.00	3769475.00	9.54821 (15120908)
419625.00	3769475.00	10.07905 (15120908)	419675.00	3769475.00	10.68008 (15120908)
419725.00	3769475.00	11.31303 (15120908)	419775.00	3769475.00	11.95935 (15120908)
419825.00	3769475.00	12.64301 (15120908)	419925.00	3769475.00	14.21656 (15120908)
419975.00	3769475.00	15.08583 (15120908)	420225.00	3769475.00	60.94251 (12010408)
420275.00	3769475.00	73.94945 (14011308)	420325.00	3769475.00	92.20465 (14121108)
420375.00	3769475.00	106.39237 (14011608)	420425.00	3769475.00	117.27684 (14011608)
420475.00	3769475.00	117.40911 (16121608)	420725.00	3769475.00	85.08184 (14120408)
420775.00	3769475.00	84.10184 (14120408)	420825.00	3769475.00	72.05331 (14120408)
420875.00	3769475.00	55.32456 (14120408)	421025.00	3769475.00	18.47457 (14120408)
421125.00	3769475.00	20.38852 (14120116)	421175.00	3769475.00	21.74855 (14120116)
421325.00	3769475.00	43.23253 (16011808)	421375.00	3769475.00	57.19164 (16011808)
421425.00	3769475.00	69.26530 (16011808)	421575.00	3769475.00	75.65583 (16011808)
421625.00	3769475.00	70.64698 (16011808)	419525.00	3769525.00	9.35829 (15120908)
419575.00	3769525.00	9.85884 (15120908)	419625.00	3769525.00	10.45245 (15120908)
419825.00	3769525.00	13.27615 (15120908)	419925.00	3769525.00	15.10379 (15120908)
419975.00	3769525.00	16.12055 (15120908)	420025.00	3769525.00	17.13702 (15120908)
420075.00	3769525.00	18.28683 (15120908)	420275.00	3769525.00	83.96519 (13122408)

420325.00	3769525.00	101.45587 (14011508)	420375.00	3769525.00	111.19770 (16120608)
420425.00	3769525.00	123.65425 (14011608)	420475.00	3769525.00	124.91441 (14011608)
420775.00	3769525.00	89.48941 (14120408)	420825.00	3769525.00	75.97418 (14120408)
420975.00	3769525.00	26.73549 (14120408)	421075.00	3769525.00	23.57496 (14120116)
421325.00	3769525.00	65.20440 (16011808)	421375.00	3769525.00	77.93440 (16011808)
421425.00	3769525.00	83.17145 (16011808)	421475.00	3769525.00	87.88225 (16011808)
421575.00	3769525.00	72.64479 (16011808)	421625.00	3769525.00	63.43449 (16011808)
419475.00	3769575.00	9.11866 (15120908)	419525.00	3769575.00	9.62601 (15120908)
419575.00	3769575.00	10.21049 (15120908)	419625.00	3769575.00	10.86135 (15120908)
419675.00	3769575.00	11.58528 (15120908)	419725.00	3769575.00	12.31716 (15120908)
419775.00	3769575.00	13.05971 (15120908)	419925.00	3769575.00	15.99490 (15120908)
419975.00	3769575.00	17.12404 (15120908)	420075.00	3769575.00	19.70894 (15120908)
420225.00	3769575.00	30.67575 (12021515)	420275.00	3769575.00	84.46006 (12010408)
420325.00	3769575.00	101.15934 (14011508)	420775.00	3769575.00	95.46949 (14120408)
420825.00	3769575.00	78.05807 (14120408)	420925.00	3769575.00	39.47969 (14120408)
420975.00	3769575.00	25.90504 (14120408)	421575.00	3769575.00	64.04304 (16011808)
421625.00	3769575.00	62.33428 (12011108)	419475.00	3769625.00	9.34654 (15120908)
419525.00	3769625.00	9.91701 (15120908)	419575.00	3769625.00	10.59446 (15120908)
419625.00	3769625.00	11.27487 (15120908)	419675.00	3769625.00	12.01398 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419725.00	3769625.00	12.81005 (15120908)	419775.00	3769625.00	13.66612 (15120908)
419875.00	3769625.00	15.74724 (15120908)	420125.00	3769625.00	22.85496 (15120908)
420175.00	3769625.00	24.67538 (15120908)	420275.00	3769625.00	43.22001 (12021515)
420325.00	3769625.00	99.22841 (13122408)	420375.00	3769625.00	120.05581 (14011508)
420425.00	3769625.00	102.92505 (12021515)	420475.00	3769625.00	123.52128 (12010508)
420525.00	3769625.00	150.61092 (16121608)	420675.00	3769625.00	102.79454 (14120408)
420725.00	3769625.00	109.20562 (14120408)	420775.00	3769625.00	93.55789 (14120408)
420825.00	3769625.00	68.07549 (14120408)	420925.00	3769625.00	37.82083 (14120408)
421525.00	3769625.00	68.18896 (12011108)	421575.00	3769625.00	65.43475 (12011108)
421625.00	3769625.00	61.16577 (12011108)	419475.00	3769675.00	9.60041 (15120908)
419525.00	3769675.00	10.19995 (15120908)	419575.00	3769675.00	10.93904 (15120908)
419625.00	3769675.00	11.66659 (15120908)	419675.00	3769675.00	12.46294 (15120908)
419725.00	3769675.00	13.32500 (15120908)	419825.00	3769675.00	15.37097 (15120908)
419875.00	3769675.00	16.53800 (15120908)	419925.00	3769675.00	17.87851 (15120908)
419975.00	3769675.00	19.42798 (15120908)	420025.00	3769675.00	21.05408 (15120908)
420075.00	3769675.00	22.78952 (15120908)	420125.00	3769675.00	24.80331 (15120908)
420275.00	3769675.00	39.57930 (12021515)	420375.00	3769675.00	88.84248 (12021515)
420425.00	3769675.00	109.23880 (12021515)	420475.00	3769675.00	125.13653 (12021515)
420525.00	3769675.00	151.00846 (16121608)	420575.00	3769675.00	163.32716 (16121608)
420625.00	3769675.00	130.77663 (16121608)	420675.00	3769675.00	111.18497 (14120408)
420725.00	3769675.00	110.55289 (14120408)	420925.00	3769675.00	36.11036 (14120408)

419475.00	3769725.00	9.84294 (15120908)	419525.00	3769725.00	10.48327 (15120908)
419575.00	3769725.00	11.21757 (15120908)	419625.00	3769725.00	11.99911 (15120908)
419675.00	3769725.00	12.88059 (15120908)	419725.00	3769725.00	13.77081 (15120908)
419825.00	3769725.00	16.07959 (15120908)	419875.00	3769725.00	17.33708 (15120908)
419925.00	3769725.00	18.89941 (15120908)	419975.00	3769725.00	20.64087 (15120908)
420025.00	3769725.00	22.48924 (15120908)	420075.00	3769725.00	24.57775 (15120908)
420125.00	3769725.00	26.91585 (15120908)	420175.00	3769725.00	29.55656 (15120908)
420225.00	3769725.00	32.33612 (15120908)	420275.00	3769725.00	35.46320 (15120908)
420375.00	3769725.00	83.08155 (12021515)	420425.00	3769725.00	115.88421 (12021515)
420475.00	3769725.00	141.23259 (12021515)	420525.00	3769725.00	153.35137 (12010508)
420575.00	3769725.00	166.88883 (16121608)	420625.00	3769725.00	153.12913 (16121608)
420675.00	3769725.00	125.87034 (12101116)	420725.00	3769725.00	125.82357 (12101116)
420775.00	3769725.00	86.92092 (12101116)	420875.00	3769725.00	50.13135 (14120408)
420975.00	3769725.00	63.67688 (16011808)	419475.00	3769775.00	10.06444 (15120908)
419525.00	3769775.00	10.74735 (15120908)	419575.00	3769775.00	11.51193 (15120908)
419625.00	3769775.00	12.37061 (15120908)	419675.00	3769775.00	13.28240 (15120908)
419775.00	3769775.00	15.32358 (15120908)	419825.00	3769775.00	16.68179 (15120908)
419875.00	3769775.00	18.13894 (15120908)	419975.00	3769775.00	21.83675 (15120908)
420025.00	3769775.00	23.83542 (15120908)	420075.00	3769775.00	26.23178 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
420125.00	3769775.00	29.02263 (15120908)	420175.00	3769775.00	32.16111 (15120908)
420225.00	3769775.00	35.70001 (15120908)	420275.00	3769775.00	39.73417 (15120908)
420325.00	3769775.00	50.84766 (12021515)	420375.00	3769775.00	81.55458 (12021515)
420425.00	3769775.00	128.15829 (12021515)	420475.00	3769775.00	166.25630 (12021515)
420525.00	3769775.00	180.20756 (12010508)	420575.00	3769775.00	170.56017 (15012108)
420675.00	3769775.00	155.42018 (12101116)	420725.00	3769775.00	146.87644 (12101116)
420775.00	3769775.00	91.72750 (12101116)	421075.00	3769775.00	130.43704 (16011808)
419475.00	3769825.00	10.27808 (15120908)	419525.00	3769825.00	10.99434 (15120908)
419575.00	3769825.00	11.79981 (15120908)	419625.00	3769825.00	12.67146 (15120908)
419675.00	3769825.00	13.61127 (15120908)	419775.00	3769825.00	15.99122 (15120908)
419875.00	3769825.00	19.02466 (15120908)	419925.00	3769825.00	20.97095 (15120908)
419975.00	3769825.00	22.97806 (15120908)	420025.00	3769825.00	25.33512 (15120908)
420075.00	3769825.00	28.32262 (15120908)	420125.00	3769825.00	31.62276 (15120908)
420175.00	3769825.00	35.40160 (15120908)	420225.00	3769825.00	39.69975 (15120908)
420275.00	3769825.00	44.60042 (15120908)	420325.00	3769825.00	49.88072 (15120908)
420375.00	3769825.00	77.10477 (12021515)	420425.00	3769825.00	119.22674 (12021515)
420475.00	3769825.00	163.29478 (12021515)	420525.00	3769825.00	194.22447 (12021515)
420575.00	3769825.00	169.80637 (12021515)	420675.00	3769825.00	191.90364 (12101116)
420725.00	3769825.00	175.39813 (12101116)	420775.00	3769825.00	94.58373 (12101116)
421075.00	3769825.00	142.67826 (16011808)	421125.00	3769825.00	149.17582 (16011808)
419475.00	3769875.00	10.44256 (15120908)	419525.00	3769875.00	11.19276 (15120908)

419575.00	3769875.00	12.01432 (15120908)	419725.00	3769875.00	15.10893 (15120908)
419775.00	3769875.00	16.41734 (15120908)	419825.00	3769875.00	17.91504 (15120908)
419875.00	3769875.00	19.74383 (15120908)	419925.00	3769875.00	21.90635 (15120908)
419975.00	3769875.00	24.07045 (15120908)	420025.00	3769875.00	26.96822 (15120908)
420075.00	3769875.00	30.35932 (15120908)	420125.00	3769875.00	34.16877 (15120908)
420175.00	3769875.00	38.59815 (15120908)	420225.00	3769875.00	43.85475 (15120908)
420275.00	3769875.00	49.71655 (15120908)	420325.00	3769875.00	56.80987 (15120908)
420375.00	3769875.00	69.60881 (12021515)	420425.00	3769875.00	119.50551 (12021515)
420475.00	3769875.00	175.32279 (12021515)	420525.00	3769875.00	218.59796 (12021515)
420575.00	3769875.00	220.24061 (12021515)	420625.00	3769875.00	168.46957 (12101116)
420675.00	3769875.00	240.86481 (12101116)	420725.00	3769875.00	208.95361 (12101116)
420775.00	3769875.00	95.77914 (12101116)	421075.00	3769875.00	146.01827 (12011108)
421125.00	3769875.00	140.02214 (12011108)	419475.00	3769925.00	10.61277 (15120908)
419525.00	3769925.00	11.37608 (15120908)	419575.00	3769925.00	12.22753 (15120908)
419625.00	3769925.00	13.19003 (15120908)	419875.00	3769925.00	20.37584 (15120908)
419925.00	3769925.00	22.57202 (15120908)	419975.00	3769925.00	25.18405 (15120908)
420025.00	3769925.00	28.48250 (15120908)	420075.00	3769925.00	32.23763 (15120908)
420125.00	3769925.00	36.51801 (15120908)	420175.00	3769925.00	41.90389 (15120908)
420225.00	3769925.00	48.03874 (15120908)	420275.00	3769925.00	55.42418 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
420325.00	3769925.00	64.86669 (15120908)	420375.00	3769925.00	76.74795 (15120908)
420425.00	3769925.00	120.86732 (12021515)	420475.00	3769925.00	199.10820 (12021515)
420525.00	3769925.00	279.15183 (12021515)	420575.00	3769925.00	305.77639 (12021515)
420625.00	3769925.00	264.70577 (12021515)	420675.00	3769925.00	310.34329 (12101116)
420725.00	3769925.00	242.29382 (12101116)	421025.00	3769925.00	174.51622 (12011108)
421075.00	3769925.00	162.11321 (12031616)	421125.00	3769925.00	163.23116 (12031616)
421175.00	3769925.00	155.46060 (12031616)	419475.00	3769975.00	10.74568 (15120908)
419525.00	3769975.00	11.53559 (15120908)	419675.00	3769975.00	14.54803 (15120908)
419725.00	3769975.00	15.93358 (15120908)	419825.00	3769975.00	19.11089 (15120908)
419875.00	3769975.00	21.15916 (15120908)	419925.00	3769975.00	23.47198 (15120908)
419975.00	3769975.00	26.25334 (15120908)	420025.00	3769975.00	29.63582 (15120908)
420075.00	3769975.00	33.78192 (15120908)	420125.00	3769975.00	38.95598 (15120908)
420175.00	3769975.00	45.06731 (15120908)	420225.00	3769975.00	52.01241 (15120908)
420275.00	3769975.00	61.58436 (15120908)	420325.00	3769975.00	74.12852 (15120908)
420375.00	3769975.00	89.55360 (15120908)	420425.00	3769975.00	108.65214 (15120908)
420475.00	3769975.00	201.00923 (12021515)	420525.00	3769975.00	327.10521 (12021515)
420575.00	3769975.00	397.93958 (12021515)	420625.00	3769975.00	412.65517 (12021515)
420675.00	3769975.00	459.20057 (12101116)	420725.00	3769975.00	315.99811 (12101116)
420775.00	3769975.00	328.97331 (14120116)	420825.00	3769975.00	292.63944 (14120116)
419475.00	3770025.00	10.85408 (15120908)	419525.00	3770025.00	11.65685 (15120908)
419625.00	3770025.00	13.59866 (15120908)	419675.00	3770025.00	14.87447 (15120908)

419725.00	3770025.00	16.28891 (15120908)	419875.00	3770025.00	21.80531 (15120908)
419925.00	3770025.00	24.36713 (15120908)	419975.00	3770025.00	27.40015 (15120908)
420025.00	3770025.00	31.07329 (15120908)	420075.00	3770025.00	35.55250 (15120908)
420125.00	3770025.00	41.09533 (15120908)	420175.00	3770025.00	47.53414 (15120908)
420225.00	3770025.00	56.08896 (15120908)	420275.00	3770025.00	68.16767 (15120908)
420325.00	3770025.00	84.02286 (15120908)	420375.00	3770025.00	103.17942 (15120908)
420425.00	3770025.00	132.22223 (15120908)	420475.00	3770025.00	196.48910 (12021515)
420525.00	3770025.00	359.32125 (12021515)	419575.00	3770075.00	12.67735 (15120908)
419625.00	3770075.00	13.75627 (15120908)	419675.00	3770075.00	14.99580 (15120908)
419725.00	3770075.00	16.40465 (15120908)	419775.00	3770075.00	18.00558 (15120908)
419825.00	3770075.00	19.92674 (15120908)	419875.00	3770075.00	22.06834 (15120908)
419925.00	3770075.00	24.70352 (15120908)	419975.00	3770075.00	27.93976 (15120908)
420025.00	3770075.00	31.99870 (15120908)	420075.00	3770075.00	36.88001 (15120908)
420125.00	3770075.00	42.87989 (15120908)	420175.00	3770075.00	49.70388 (15120908)
420225.00	3770075.00	59.67913 (15120908)	420275.00	3770075.00	73.95716 (15120908)
420325.00	3770075.00	92.82951 (15120908)	420375.00	3770075.00	118.18406 (15120908)
420425.00	3770075.00	158.20280 (15120908)	420475.00	3770075.00	216.59391 (15120908)
420875.00	3770075.00	600.40714 (12031616)	419475.00	3770125.00	10.97284 (15120908)
419575.00	3770125.00	12.74949 (15120908)	419625.00	3770125.00	13.81630 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419675.00	3770125.00	15.02668 (15120908)	419725.00	3770125.00	16.42761 (15120908)
419775.00	3770125.00	18.04536 (15120908)	419825.00	3770125.00	19.93764 (15120908)
419875.00	3770125.00	22.17221 (15120908)	419925.00	3770125.00	24.84373 (15120908)
419975.00	3770125.00	28.07812 (15120908)	420025.00	3770125.00	32.05762 (15120908)
420075.00	3770125.00	37.00767 (15120908)	420125.00	3770125.00	43.35779 (15120908)
420175.00	3770125.00	51.30491 (15120908)	420225.00	3770125.00	62.15274 (15120908)
420275.00	3770125.00	76.68150 (15120908)	420325.00	3770125.00	98.05082 (15120908)
420725.00	3770125.00	1996.36723 (12031616)	420775.00	3770125.00	1148.66118 (12031616)
420825.00	3770125.00	729.37851 (12031616)	420975.00	3770125.00	202.96547 (12031616)
421125.00	3770125.00	136.99005 (16020108)	421175.00	3770125.00	122.31820 (16020108)
421625.00	3770125.00	67.18443 (15012008)	419575.00	3770175.00	12.70596 (15120908)
419675.00	3770175.00	15.07792 (15120908)	419825.00	3770175.00	20.05037 (15120908)
419875.00	3770175.00	22.31153 (15120908)	419925.00	3770175.00	25.02187 (15120908)
419975.00	3770175.00	28.29252 (15120908)	420025.00	3770175.00	32.32054 (15120908)
420075.00	3770175.00	37.36403 (15120908)	420225.00	3770175.00	63.26504 (15120908)
420275.00	3770175.00	78.96095 (15120908)	420525.00	3770175.00	636.54193 (15120908)
420725.00	3770175.00	1532.15267 (12031616)	420775.00	3770175.00	747.26898 (12121716)
420825.00	3770175.00	481.44585 (12121716)	420925.00	3770175.00	240.93150 (14120316)
420975.00	3770175.00	202.79792 (13020608)	421025.00	3770175.00	186.82391 (15012008)
421075.00	3770175.00	157.14525 (13020608)	421125.00	3770175.00	133.95578 (13020608)
421175.00	3770175.00	124.05661 (13020608)	421225.00	3770175.00	131.62986 (15012008)

421375.00	3770175.00	107.52498 (15012008)	421425.00	3770175.00	100.60590 (15012008)
421475.00	3770175.00	94.55198 (15012008)	421525.00	3770175.00	89.06450 (15012008)
421575.00	3770175.00	84.08371 (15012008)	421625.00	3770175.00	81.65574 (15012008)
419475.00	3770225.00	10.93220 (15120908)	419575.00	3770225.00	12.76631 (15120908)
419625.00	3770225.00	13.84611 (15120908)	419875.00	3770225.00	22.28187 (15120908)
420225.00	3770225.00	62.98206 (15120908)	420875.00	3770225.00	398.87014 (12121716)
420925.00	3770225.00	283.56061 (12121716)	421025.00	3770225.00	189.52327 (14013108)
421075.00	3770225.00	167.04119 (13020608)	421125.00	3770225.00	148.12455 (13020608)
421175.00	3770225.00	137.09877 (13020608)	421225.00	3770225.00	130.16015 (15012008)
421375.00	3770225.00	110.50127 (15012008)	421425.00	3770225.00	105.12712 (15012008)
421475.00	3770225.00	100.43936 (15012008)	421525.00	3770225.00	95.28008 (15012008)
421575.00	3770225.00	90.74638 (15012008)	421625.00	3770225.00	85.66194 (15012008)
419575.00	3770275.00	12.72351 (15120908)	419825.00	3770275.00	19.90101 (15120908)
419925.00	3770275.00	24.75140 (15120908)	419975.00	3770275.00	27.95447 (14123015)
420025.00	3770275.00	32.51751 (14123015)	420425.00	3770275.00	190.82092 (15120908)
420475.00	3770275.00	344.71494 (12111616)	420675.00	3770275.00	1084.86368 (12121716)
420725.00	3770275.00	976.04446 (12121716)	420825.00	3770275.00	522.11153 (12121716)
420875.00	3770275.00	438.24301 (12121716)	420975.00	3770275.00	253.96469 (12121716)
421025.00	3770275.00	186.45442 (12121716)	421075.00	3770275.00	166.87693 (14013108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
421125.00	3770275.00	147.36581 (14013108)	421175.00	3770275.00	136.64841 (14013108)
421225.00	3770275.00	134.06240 (14013108)	421375.00	3770275.00	107.77579 (14013108)
421425.00	3770275.00	104.85320 (14013108)	421475.00	3770275.00	100.10129 (14013108)
421525.00	3770275.00	94.37550 (14013108)	421575.00	3770275.00	88.58227 (12020308)
421625.00	3770275.00	83.05222 (12020308)	419525.00	3770325.00	11.69398 (15120908)
419575.00	3770325.00	12.67981 (15120908)	419625.00	3770325.00	13.79589 (15120908)
419925.00	3770325.00	24.66103 (14123015)	419975.00	3770325.00	27.95491 (14123015)
420025.00	3770325.00	31.76249 (14123015)	420425.00	3770325.00	203.48137 (12111616)
420575.00	3770325.00	440.17992 (15120908)	420625.00	3770325.00	508.07986 (12011615)
420925.00	3770325.00	324.29556 (12121716)	421175.00	3770325.00	130.55639 (12121808)
421225.00	3770325.00	120.45363 (14013108)	421375.00	3770325.00	103.13324 (14013108)
421425.00	3770325.00	102.01957 (14013108)	421475.00	3770325.00	99.10671 (14013108)
419525.00	3770375.00	11.57811 (15120908)	419575.00	3770375.00	12.58614 (15120908)
419625.00	3770375.00	13.64346 (15120908)	419675.00	3770375.00	14.80397 (15120908)
419775.00	3770375.00	17.67733 (15120908)	419825.00	3770375.00	19.48689 (15120908)
419875.00	3770375.00	21.56039 (15120908)	420275.00	3770375.00	72.33028 (12111616)
420325.00	3770375.00	100.02018 (12111616)	420375.00	3770375.00	133.33219 (12111616)
420425.00	3770375.00	165.49762 (12111616)	420575.00	3770375.00	249.11850 (16032808)
420625.00	3770375.00	299.60930 (12011615)	420975.00	3770375.00	205.07959 (12121716)
421025.00	3770375.00	185.26199 (12121716)	421075.00	3770375.00	178.78969 (12121716)
421125.00	3770375.00	158.70979 (12121716)	421175.00	3770375.00	135.57357 (12121716)

421225.00	3770375.00	113.83109 (15121008)	421275.00	3770375.00	101.29192 (13020508)
421325.00	3770375.00	97.49171 (12121808)	421375.00	3770375.00	94.31065 (12121808)
421425.00	3770375.00	90.48961 (12121808)	421475.00	3770375.00	81.73218 (12121808)
420125.00	3770425.00	37.85420 (15120908)	420175.00	3770425.00	45.17641 (12111616)
420225.00	3770425.00	59.82240 (12111616)	420275.00	3770425.00	77.24725 (12111616)
420325.00	3770425.00	95.67797 (12111616)	420375.00	3770425.00	110.84203 (12111616)
420425.00	3770425.00	113.69280 (12111616)	421475.00	3770425.00	78.94745 (12121808)
421575.00	3770425.00	74.35827 (12121808)	421625.00	3770425.00	70.49515 (12121808)
419875.00	3770475.00	20.32929 (15120908)	419925.00	3770475.00	22.43322 (15120908)
419975.00	3770475.00	24.90610 (15120908)	420025.00	3770475.00	27.81759 (15120908)
420125.00	3770475.00	39.04915 (12111616)	420175.00	3770475.00	49.24186 (12111616)
420225.00	3770475.00	60.63025 (12111616)	420275.00	3770475.00	71.65498 (12111616)
420325.00	3770475.00	79.72665 (12111616)	420375.00	3770475.00	80.76989 (12111616)
420425.00	3770475.00	84.46082 (15120908)	420825.00	3770475.00	109.67150 (12121715)
420875.00	3770475.00	95.20531 (12121715)	420925.00	3770475.00	83.31695 (12120516)
421075.00	3770475.00	116.38385 (12121716)	421325.00	3770475.00	98.57178 (15121008)
421375.00	3770475.00	88.96408 (13020508)	421475.00	3770475.00	84.49144 (15121008)
419575.00	3770525.00	11.96721 (15120908)	419625.00	3770525.00	12.88122 (15120908)
419725.00	3770525.00	15.05630 (15120908)	419775.00	3770525.00	16.35748 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419825.00	3770525.00	17.83535 (15120908)	419875.00	3770525.00	19.52876 (15120908)
419925.00	3770525.00	21.48130 (15120908)	419975.00	3770525.00	23.70381 (15120908)
420025.00	3770525.00	27.17790 (12111616)	420125.00	3770525.00	40.89538 (12111616)
420175.00	3770525.00	48.34046 (12111616)	420225.00	3770525.00	55.02757 (12111616)
420275.00	3770525.00	59.42906 (12111616)	420325.00	3770525.00	59.45465 (12111616)
420375.00	3770525.00	61.66261 (15120908)	420425.00	3770525.00	69.45737 (15120908)
420475.00	3770525.00	77.06774 (15120908)	420525.00	3770525.00	83.26445 (15120908)
420675.00	3770525.00	118.97524 (12011615)	420925.00	3770525.00	69.08078 (12121715)
420975.00	3770525.00	63.58079 (12120516)	421025.00	3770525.00	83.06585 (12021608)
421075.00	3770525.00	75.91187 (13010708)	421425.00	3770525.00	76.71368 (12121716)
421525.00	3770525.00	62.46241 (12121716)	421575.00	3770525.00	61.25358 (13020508)
419625.00	3770575.00	12.47197 (15120908)	419675.00	3770575.00	13.51372 (15120908)
419725.00	3770575.00	14.60010 (15120908)	419775.00	3770575.00	15.81348 (15120908)
419825.00	3770575.00	17.18592 (15120908)	419875.00	3770575.00	18.73583 (15120908)
419925.00	3770575.00	20.48820 (15120908)	419975.00	3770575.00	24.16535 (12111616)
420025.00	3770575.00	29.04152 (12111616)	420075.00	3770575.00	34.21514 (12111616)
420125.00	3770575.00	39.25930 (12111616)	420175.00	3770575.00	43.51814 (12111616)
420225.00	3770575.00	45.96013 (12111616)	420275.00	3770575.00	45.54746 (12111616)
420325.00	3770575.00	47.30686 (15120908)	420375.00	3770575.00	52.59166 (15120908)
420425.00	3770575.00	57.86930 (15120908)	420975.00	3770575.00	52.93158 (12121715)
421025.00	3770575.00	49.48022 (12120516)	421075.00	3770575.00	46.08461 (12120516)

421375.00	3770575.00	69.45947 (12121716)	421475.00	3770575.00	65.00650 (12121716)
419475.00	3770625.00	9.79343 (15120908)	419525.00	3770625.00	10.43250 (15120908)
419575.00	3770625.00	11.13816 (15120908)	419725.00	3770625.00	14.10501 (15120908)
419775.00	3770625.00	15.22776 (15120908)	419825.00	3770625.00	16.47948 (15120908)
419875.00	3770625.00	18.01523 (12111616)	419925.00	3770625.00	21.45597 (12111616)
420025.00	3770625.00	28.93761 (12111616)	420075.00	3770625.00	32.43844 (12111616)
420125.00	3770625.00	35.18957 (12111616)	420175.00	3770625.00	36.58923 (12111616)
420225.00	3770625.00	36.00598 (12111616)	420275.00	3770625.00	37.65677 (15120908)
420325.00	3770625.00	41.36801 (15120908)	420375.00	3770625.00	45.27780 (15120908)
420425.00	3770625.00	48.99424 (15120908)	420475.00	3770625.00	52.39588 (15120908)
420525.00	3770625.00	55.04665 (15120908)	420575.00	3770625.00	62.54056 (16032808)
420625.00	3770625.00	71.85466 (12011615)	420675.00	3770625.00	79.02937 (12011615)
420725.00	3770625.00	72.56187 (12011615)	420775.00	3770625.00	75.41684 (12110815)
421075.00	3770625.00	39.26185 (12120516)	421175.00	3770625.00	36.15801 (12112816)
421225.00	3770625.00	42.56786 (12121716)	421275.00	3770625.00	47.96647 (12121716)
421475.00	3770625.00	56.37685 (12121716)	421525.00	3770625.00	62.07256 (13010708)
421625.00	3770625.00	63.40418 (15121008)	419475.00	3770675.00	9.54894 (15120908)
419525.00	3770675.00	10.15849 (15120908)	419575.00	3770675.00	10.81335 (15120908)
419625.00	3770675.00	11.55279 (15120908)	419725.00	3770675.00	13.53714 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419775.00	3770675.00	14.61896 (15120908)	419975.00	3770675.00	24.69453 (12111616)
420075.00	3770675.00	28.98855 (12111616)	420125.00	3770675.00	29.78124 (12111616)
420175.00	3770675.00	29.14992 (12111616)	420225.00	3770675.00	30.82611 (15120908)
420275.00	3770675.00	33.53969 (15120908)	420325.00	3770675.00	36.34477 (15120908)
420375.00	3770675.00	39.25881 (15120908)	420425.00	3770675.00	41.98102 (15120908)
420575.00	3770675.00	51.72651 (16032808)	420625.00	3770675.00	60.09562 (12011615)
420675.00	3770675.00	67.39130 (12011615)	420725.00	3770675.00	62.97280 (12011615)
420975.00	3770675.00	42.09008 (12121715)	421025.00	3770675.00	38.21027 (12121715)
421075.00	3770675.00	33.37959 (12121715)	421325.00	3770675.00	35.57507 (12121716)
421375.00	3770675.00	44.90215 (13010708)	421425.00	3770675.00	44.69981 (13010708)
421575.00	3770675.00	66.46485 (13010708)	421625.00	3770675.00	64.33762 (13010708)
419475.00	3770725.00	9.29826 (15120908)	419525.00	3770725.00	9.86948 (15120908)
419575.00	3770725.00	10.49214 (15120908)	419625.00	3770725.00	11.16837 (15120908)
419675.00	3770725.00	11.91036 (15120908)	419875.00	3770725.00	19.18386 (12111616)
419975.00	3770725.00	23.03083 (12111616)	420025.00	3770725.00	24.25520 (12111616)
420075.00	3770725.00	24.67633 (12111616)	420125.00	3770725.00	24.05909 (12111616)
420175.00	3770725.00	25.78426 (15120908)	420675.00	3770725.00	57.04487 (12011615)
420725.00	3770725.00	55.70584 (12011615)	420775.00	3770725.00	52.88751 (12110815)
420975.00	3770725.00	57.52843 (12121416)	421025.00	3770725.00	49.17348 (12121416)
421075.00	3770725.00	44.25053 (12121416)	421225.00	3770725.00	30.98985 (12021608)
421275.00	3770725.00	31.21489 (12021608)	421325.00	3770725.00	31.47146 (12021608)

421375.00	3770725.00	37.17748 (13010708)	421425.00	3770725.00	43.16168 (13010708)
421475.00	3770725.00	49.73923 (13010708)	421525.00	3770725.00	53.72359 (13010708)
421575.00	3770725.00	64.17520 (13010708)	421625.00	3770725.00	65.51729 (13010708)
419475.00	3770775.00	9.03851 (15120908)	419525.00	3770775.00	9.57590 (15120908)
419575.00	3770775.00	10.15753 (15120908)	419625.00	3770775.00	10.78979 (15120908)
419675.00	3770775.00	11.67516 (12111616)	419725.00	3770775.00	13.34584 (12111616)
419875.00	3770775.00	18.45215 (12111616)	419925.00	3770775.00	19.73423 (12111616)
419975.00	3770775.00	20.56066 (12111616)	420025.00	3770775.00	20.75660 (12111616)
420075.00	3770775.00	20.40378 (15120908)	420125.00	3770775.00	21.87264 (15120908)
420325.00	3770775.00	28.02051 (15120908)	420375.00	3770775.00	29.86145 (15120908)
420425.00	3770775.00	31.44423 (15120908)	420475.00	3770775.00	32.75618 (15120908)
420525.00	3770775.00	33.99724 (16032808)	420575.00	3770775.00	36.67953 (16032808)
420725.00	3770775.00	47.59862 (12011615)	420775.00	3770775.00	43.65829 (12110815)
420825.00	3770775.00	48.44572 (12110815)	421025.00	3770775.00	30.14685 (12121715)
421075.00	3770775.00	33.99224 (12121416)	421125.00	3770775.00	48.50086 (12121416)
421175.00	3770775.00	48.07539 (12021608)	421225.00	3770775.00	54.28989 (12021608)
421275.00	3770775.00	35.09734 (12021608)	421325.00	3770775.00	29.68589 (12021608)
421375.00	3770775.00	32.92959 (12021608)	421425.00	3770775.00	38.51311 (13010708)
421475.00	3770775.00	45.23971 (13010708)	421525.00	3770775.00	50.16464 (13010708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
421575.00	3770775.00	54.74576 (13010708)	421625.00	3770775.00	60.23872 (13010708)
419525.00	3770825.00	9.26417 (15120908)	419575.00	3770825.00	9.81186 (15120908)
419625.00	3770825.00	10.75009 (12111616)	419675.00	3770825.00	12.13037 (12111616)
419725.00	3770825.00	13.52051 (12111616)	419775.00	3770825.00	14.85826 (12111616)
419875.00	3770825.00	17.06820 (12111616)	419925.00	3770825.00	17.62344 (12111616)
419975.00	3770825.00	17.68074 (12111616)	420025.00	3770825.00	17.70777 (15120908)
420125.00	3770825.00	19.54772 (15120908)	420275.00	3770825.00	23.67919 (15120908)
420575.00	3770825.00	31.31472 (16032808)	420625.00	3770825.00	35.79808 (12011615)
420675.00	3770825.00	40.62628 (12011615)	420725.00	3770825.00	41.62273 (12011615)
420775.00	3770825.00	39.45818 (12011616)	420825.00	3770825.00	42.65216 (12110815)
420875.00	3770825.00	42.79844 (12110815)	420925.00	3770825.00	40.86518 (12110815)
420975.00	3770825.00	35.35117 (12110815)	421025.00	3770825.00	27.99863 (12110815)
421075.00	3770825.00	25.30947 (12121715)	421125.00	3770825.00	23.71701 (12121715)
421175.00	3770825.00	21.52739 (12121715)	421225.00	3770825.00	23.50866 (12121416)
421275.00	3770825.00	21.28873 (12121416)	421325.00	3770825.00	23.17315 (12121416)
421375.00	3770825.00	37.54696 (12021608)	421425.00	3770825.00	42.46012 (12021608)
421475.00	3770825.00	41.65570 (13010708)	421525.00	3770825.00	46.16226 (13010708)
421575.00	3770825.00	52.53610 (13010708)	421625.00	3770825.00	53.48087 (13010708)
419525.00	3770875.00	8.98892 (15120908)	419575.00	3770875.00	9.89167 (12111616)
419725.00	3770875.00	13.21314 (12111616)	419775.00	3770875.00	14.12634 (12111616)
419825.00	3770875.00	14.79828 (12111616)	419875.00	3770875.00	15.18590 (12111616)

419925.00	3770875.00	15.14658 (12111616)	419975.00	3770875.00	15.17893 (15120908)
420025.00	3770875.00	16.08370 (15120908)	420075.00	3770875.00	17.00779 (15120908)
420125.00	3770875.00	18.02366 (15120908)	420175.00	3770875.00	19.12271 (15120908)
420225.00	3770875.00	20.21631 (15120908)	420275.00	3770875.00	21.24578 (15120908)
420325.00	3770875.00	22.18992 (15120908)	420375.00	3770875.00	23.11056 (15120908)
420425.00	3770875.00	23.93550 (15120908)	420475.00	3770875.00	24.64730 (15120908)
420525.00	3770875.00	25.94555 (16032808)	420625.00	3770875.00	31.01022 (12011615)
420675.00	3770875.00	35.60569 (12011615)	420725.00	3770875.00	36.27862 (12011615)
420775.00	3770875.00	35.85191 (12011616)	420825.00	3770875.00	36.28178 (12110815)
420875.00	3770875.00	37.99692 (12110815)	420925.00	3770875.00	38.74343 (12110815)
420975.00	3770875.00	34.27089 (12110815)	421025.00	3770875.00	28.46017 (12110815)
421075.00	3770875.00	22.28506 (12121715)	421125.00	3770875.00	21.54478 (12121715)
421175.00	3770875.00	20.17880 (12121715)	421225.00	3770875.00	18.35628 (12121715)
421275.00	3770875.00	17.41114 (12121415)	421325.00	3770875.00	20.62955 (12121416)
421375.00	3770875.00	30.23562 (12021608)	421425.00	3770875.00	37.65424 (12021608)
421475.00	3770875.00	41.11931 (12021608)	421525.00	3770875.00	47.59758 (12020108)
421575.00	3770875.00	55.05834 (12020108)	421625.00	3770875.00	48.58993 (13010708)
419525.00	3770925.00	9.11652 (12111616)	419575.00	3770925.00	10.06141 (12111616)
419625.00	3770925.00	10.98089 (12111616)	419675.00	3770925.00	11.81758 (12111616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419725.00	3770925.00	12.51651 (12111616)	419775.00	3770925.00	13.01577 (12111616)
419825.00	3770925.00	13.24786 (12111616)	419875.00	3770925.00	13.15513 (12111616)
419925.00	3770925.00	13.40545 (15120908)	420025.00	3770925.00	15.01043 (15120908)
420075.00	3770925.00	15.83663 (15120908)	420125.00	3770925.00	16.70058 (15120908)
420175.00	3770925.00	17.60543 (15120908)	420225.00	3770925.00	18.49536 (15120908)
420275.00	3770925.00	19.32926 (15120908)	420325.00	3770925.00	20.13410 (15120908)
420375.00	3770925.00	20.87504 (15120908)	420425.00	3770925.00	21.53831 (15120908)
420475.00	3770925.00	22.12084 (15120908)	420525.00	3770925.00	23.01426 (16032808)
420575.00	3770925.00	23.87721 (16032808)	420675.00	3770925.00	31.72907 (12011615)
420725.00	3770925.00	32.66320 (12011615)	420775.00	3770925.00	31.89155 (12011616)
420825.00	3770925.00	30.39669 (12110815)	420875.00	3770925.00	33.50712 (12110815)
420925.00	3770925.00	36.80491 (12110815)	420975.00	3770925.00	34.39433 (12110815)
421025.00	3770925.00	28.27502 (12110815)	421075.00	3770925.00	22.81531 (12110815)
421125.00	3770925.00	19.36344 (12121715)	421175.00	3770925.00	21.91712 (12121416)
421225.00	3770925.00	28.85175 (12121416)	421275.00	3770925.00	26.33690 (12121416)
421325.00	3770925.00	27.49736 (12121416)	421375.00	3770925.00	30.12901 (12021608)
421425.00	3770925.00	34.09692 (12021608)	421475.00	3770925.00	42.47389 (12021608)
421525.00	3770925.00	49.18429 (12020108)	421575.00	3770925.00	55.13249 (12020108)
421625.00	3770925.00	54.32330 (12020108)	419525.00	3770975.00	9.19383 (12111616)
419575.00	3770975.00	9.93804 (12111616)	419625.00	3770975.00	10.60758 (12111616)
419675.00	3770975.00	11.14919 (12111616)	419875.00	3770975.00	12.02804 (15120908)

419925.00	3770975.00	12.67771 (15120908)	419975.00	3770975.00	13.33881 (15120908)
420025.00	3770975.00	14.03827 (15120908)	420125.00	3770975.00	15.51919 (15120908)
420175.00	3770975.00	16.26651 (15120908)	420225.00	3770975.00	17.00107 (15120908)
420275.00	3770975.00	17.69906 (15120908)	420325.00	3770975.00	18.36079 (15120908)
420375.00	3770975.00	18.97093 (15120908)	420425.00	3770975.00	19.50948 (15120908)
420475.00	3770975.00	19.96072 (15120908)	420525.00	3770975.00	20.65421 (16032808)
420575.00	3770975.00	21.17954 (16032808)	420625.00	3770975.00	23.57895 (12011615)
420675.00	3770975.00	27.75030 (12011615)	420725.00	3770975.00	29.97434 (12011616)
420775.00	3770975.00	29.72572 (12011616)	420825.00	3770975.00	27.52895 (12011616)
420875.00	3770975.00	29.75246 (12110815)	420925.00	3770975.00	35.58658 (12121416)
420975.00	3770975.00	38.17038 (12121416)	421025.00	3770975.00	27.70150 (12110815)
421075.00	3770975.00	38.70348 (12121416)	421125.00	3770975.00	28.94313 (12121416)
421175.00	3770975.00	34.08712 (12121416)	421225.00	3770975.00	39.41272 (12121416)
421275.00	3770975.00	38.57253 (12121416)	421325.00	3770975.00	37.57735 (12021608)
421375.00	3770975.00	39.16136 (12021608)	421425.00	3770975.00	41.73476 (12021608)
421475.00	3770975.00	47.04015 (12020108)	421525.00	3770975.00	58.17929 (12020108)
421575.00	3770975.00	62.20369 (12020108)	421625.00	3770975.00	64.65564 (12020108)
419525.00	3771025.00	9.02515 (12111616)	419575.00	3771025.00	9.55612 (12111616)
419625.00	3771025.00	9.97882 (12111616)	419675.00	3771025.00	10.24923 (12111616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419725.00	3771025.00	10.33427 (12111616)	419775.00	3771025.00	10.33987 (15120908)
419825.00	3771025.00	10.85619 (15120908)	419875.00	3771025.00	11.40547 (15120908)
419925.00	3771025.00	11.97312 (15120908)	419975.00	3771025.00	12.56587 (15120908)
420025.00	3771025.00	13.17600 (15120908)	420075.00	3771025.00	13.80528 (15120908)
420125.00	3771025.00	14.38538 (15120908)	420175.00	3771025.00	15.05566 (15120908)
420225.00	3771025.00	15.68384 (15120908)	420275.00	3771025.00	16.26638 (15120908)
420325.00	3771025.00	16.81484 (15120908)	420375.00	3771025.00	17.32516 (15120908)
420425.00	3771025.00	17.76582 (15120908)	420475.00	3771025.00	18.12522 (15120908)
420525.00	3771025.00	18.67671 (16032808)	420575.00	3771025.00	18.96295 (16032808)
420625.00	3771025.00	20.88857 (12011615)	420675.00	3771025.00	24.61019 (12011615)
420725.00	3771025.00	27.20383 (12011616)	420775.00	3771025.00	28.11385 (12011616)
420825.00	3771025.00	31.22365 (15121408)	420875.00	3771025.00	26.22334 (12110815)
420925.00	3771025.00	36.88337 (15121408)	420975.00	3771025.00	38.09475 (12121416)
421025.00	3771025.00	27.02155 (12110815)	421075.00	3771025.00	45.20249 (12121416)
421125.00	3771025.00	46.47367 (12121416)	421175.00	3771025.00	42.20038 (12121416)
421225.00	3771025.00	44.92704 (12121416)	421275.00	3771025.00	44.11212 (12121416)
421325.00	3771025.00	48.85389 (13020408)	421375.00	3771025.00	52.23038 (13020408)
421425.00	3771025.00	47.14208 (13020408)	421475.00	3771025.00	46.92771 (12020108)
421525.00	3771025.00	59.69629 (12020108)	421575.00	3771025.00	63.26265 (12020108)
421625.00	3771025.00	62.48713 (12020108)	419475.00	3771075.00	8.19818 (12111616)
419675.00	3771075.00	9.20334 (12111616)	419725.00	3771075.00	9.42562 (15120908)

419775.00	3771075.00	9.86288 (15120908)	419825.00	3771075.00	10.32767 (15120908)
419875.00	3771075.00	10.81321 (15120908)	419925.00	3771075.00	11.31960 (15120908)
419975.00	3771075.00	11.84120 (15120908)	420025.00	3771075.00	12.38695 (15120908)
420075.00	3771075.00	12.93788 (15120908)	420125.00	3771075.00	13.48506 (15120908)
420175.00	3771075.00	14.02271 (15120908)	420225.00	3771075.00	14.48797 (15120908)
420275.00	3771075.00	14.99972 (15120908)	420325.00	3771075.00	15.45725 (15120908)
420375.00	3771075.00	15.88854 (15120908)	420425.00	3771075.00	16.25095 (15120908)
420475.00	3771075.00	16.53762 (15120908)	420525.00	3771075.00	16.97114 (16032808)
420575.00	3771075.00	17.19377 (15120908)	420625.00	3771075.00	18.57409 (12011615)
420675.00	3771075.00	21.98901 (12011615)	420725.00	3771075.00	24.66318 (12011616)
420775.00	3771075.00	28.56113 (15121408)	420825.00	3771075.00	30.91167 (15121408)
420875.00	3771075.00	34.13302 (15121408)	420925.00	3771075.00	36.14035 (15121408)
420975.00	3771075.00	36.18538 (12121416)	421025.00	3771075.00	26.07939 (12110815)
421075.00	3771075.00	47.93388 (12121416)	421125.00	3771075.00	48.10964 (12121416)
421175.00	3771075.00	43.36503 (12121416)	421225.00	3771075.00	46.67521 (12121416)
421275.00	3771075.00	48.93534 (13020408)	421325.00	3771075.00	63.31680 (13020408)
421375.00	3771075.00	67.27021 (13020408)	421425.00	3771075.00	63.55542 (13020408)
421475.00	3771075.00	51.56880 (13020408)	421525.00	3771075.00	52.10170 (12020108)
421575.00	3771075.00	54.06953 (12020108)	421625.00	3771075.00	56.79462 (12020108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419475.00	3771125.00	7.82209 (12111616)	419525.00	3771125.00	8.08129 (12111616)
419575.00	3771125.00	8.22137 (12111616)	419775.00	3771125.00	9.44737 (15120908)
419825.00	3771125.00	9.83893 (15120908)	419875.00	3771125.00	10.26694 (15120908)
419925.00	3771125.00	10.71452 (15120908)	419975.00	3771125.00	11.18410 (15120908)
420025.00	3771125.00	11.67725 (15120908)	420075.00	3771125.00	12.14094 (15120908)
420125.00	3771125.00	12.59843 (15120908)	420175.00	3771125.00	13.03667 (15120908)
420225.00	3771125.00	13.46674 (15120908)	420275.00	3771125.00	13.80193 (15120908)
420325.00	3771125.00	14.26224 (15120908)	420375.00	3771125.00	14.63008 (15120908)
420425.00	3771125.00	14.92706 (15120908)	420475.00	3771125.00	15.16967 (15120908)
420525.00	3771125.00	15.49479 (16032808)	420575.00	3771125.00	15.63654 (15120908)
420625.00	3771125.00	16.65951 (12011615)	420675.00	3771125.00	19.63733 (12011615)
420725.00	3771125.00	22.47648 (15121408)	420775.00	3771125.00	26.18633 (15121408)
420825.00	3771125.00	30.20204 (15121408)	420875.00	3771125.00	33.09352 (15121408)
420925.00	3771125.00	34.86472 (15121408)	420975.00	3771125.00	35.31660 (15121408)
421025.00	3771125.00	26.38339 (12121416)	421075.00	3771125.00	27.92734 (12121416)
421125.00	3771125.00	34.08011 (12121416)	421175.00	3771125.00	40.22108 (12121416)
421225.00	3771125.00	42.28595 (12121416)	421275.00	3771125.00	52.26821 (14012808)
421325.00	3771125.00	64.69042 (13020408)	421375.00	3771125.00	69.89368 (13020408)
421425.00	3771125.00	65.75939 (13020408)	421475.00	3771125.00	57.92546 (13020408)
421525.00	3771125.00	50.86128 (13020408)	421575.00	3771125.00	45.06710 (12020108)
421625.00	3771125.00	49.62834 (12020108)	419775.00	3771175.00	9.05343 (15120908)

419825.00	3771175.00	9.39840 (15120908)	419875.00	3771175.00	9.77364 (15120908)
419925.00	3771175.00	10.16805 (15120908)	419975.00	3771175.00	10.57506 (15120908)
420025.00	3771175.00	10.99508 (15120908)	420075.00	3771175.00	11.41301 (15120908)
420125.00	3771175.00	11.81678 (15120908)	420175.00	3771175.00	12.20268 (15120908)
420225.00	3771175.00	12.53090 (15120908)	420275.00	3771175.00	12.87083 (15120908)
420325.00	3771175.00	13.19142 (15120908)	420375.00	3771175.00	13.50035 (15120908)
420425.00	3771175.00	13.76632 (15120908)	420475.00	3771175.00	13.97183 (15120908)
420525.00	3771175.00	14.20669 (16032808)	420675.00	3771175.00	17.49909 (12011615)
420725.00	3771175.00	19.98658 (15121408)	420775.00	3771175.00	24.15557 (15121408)
420825.00	3771175.00	27.45717 (15121408)	420875.00	3771175.00	30.58325 (15121408)
420925.00	3771175.00	33.19420 (15121408)	420975.00	3771175.00	33.76795 (15121408)
421025.00	3771175.00	33.17314 (12121416)	421075.00	3771175.00	27.23998 (12121416)
421125.00	3771175.00	31.84015 (12121416)	421175.00	3771175.00	36.43000 (12121416)
421225.00	3771175.00	41.28201 (12121416)	421275.00	3771175.00	43.34731 (12121416)
421325.00	3771175.00	58.50160 (14012808)	421375.00	3771175.00	67.30947 (13020408)
421425.00	3771175.00	65.90107 (13020408)	421475.00	3771175.00	60.98851 (13020408)
421525.00	3771175.00	52.90676 (13020408)	421575.00	3771175.00	44.60070 (13020408)
421625.00	3771175.00	43.11014 (12020108)	419475.00	3771225.00	6.83518 (15120908)
419875.00	3771225.00	9.30891 (15120908)	419925.00	3771225.00	9.65205 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
419975.00	3771225.00	10.02290 (15120908)	420025.00	3771225.00	10.37057 (15120908)
420075.00	3771225.00	10.72729 (15120908)	420125.00	3771225.00	11.08491 (15120908)
420175.00	3771225.00	11.43581 (15120908)	420225.00	3771225.00	11.70931 (15120908)
420275.00	3771225.00	11.98006 (15120908)	420325.00	3771225.00	12.25545 (15120908)
420375.00	3771225.00	12.51128 (15120908)	420425.00	3771225.00	12.68601 (15120908)
420475.00	3771225.00	12.90296 (15120908)	420525.00	3771225.00	13.07751 (16032808)
420775.00	3771225.00	20.59588 (15121408)	420825.00	3771225.00	25.12325 (15121408)
420875.00	3771225.00	28.04302 (15121408)	420925.00	3771225.00	31.26252 (15121408)
420975.00	3771225.00	32.06188 (15121408)	421025.00	3771225.00	31.37854 (12121416)
421075.00	3771225.00	29.85474 (12121416)	421125.00	3771225.00	33.09408 (12121416)
421175.00	3771225.00	40.64518 (12121416)	421225.00	3771225.00	42.04599 (12121416)
421275.00	3771225.00	42.43481 (12121416)	421425.00	3771225.00	63.94938 (13020408)
421475.00	3771225.00	60.30560 (13020408)	421525.00	3771225.00	55.55881 (13020408)
421575.00	3771225.00	48.80972 (13020408)	421625.00	3771225.00	43.68391 (13020408)
419475.00	3771275.00	6.59599 (15120908)	419525.00	3771275.00	6.85393 (15120908)
419625.00	3771275.00	7.39017 (15120908)	419675.00	3771275.00	7.69120 (15120908)
419725.00	3771275.00	7.97936 (15120908)	419775.00	3771275.00	8.29885 (15120908)
419825.00	3771275.00	8.59398 (15120908)	419875.00	3771275.00	8.90064 (15120908)
419925.00	3771275.00	9.22691 (15120908)	419975.00	3771275.00	9.49881 (15120908)
420025.00	3771275.00	9.81367 (15120908)	420075.00	3771275.00	10.12498 (15120908)
420125.00	3771275.00	10.42897 (15120908)	420175.00	3771275.00	10.72316 (15120908)

420225.00	3771275.00	10.99876 (15120908)	420275.00	3771275.00	11.19476 (15120908)
420325.00	3771275.00	11.43140 (15120908)	420375.00	3771275.00	11.63696 (15120908)
420425.00	3771275.00	11.81420 (15120908)	420475.00	3771275.00	11.95380 (15120908)
420675.00	3771275.00	14.23643 (12011615)	420875.00	3771275.00	25.55703 (15121408)
420925.00	3771275.00	29.37312 (15121408)	420975.00	3771275.00	31.20752 (15121408)
421025.00	3771275.00	30.28221 (15121408)	421075.00	3771275.00	32.87044 (12121416)
421125.00	3771275.00	37.34412 (12121416)	421175.00	3771275.00	41.84563 (13011408)
421425.00	3771275.00	60.45506 (14012808)	421475.00	3771275.00	59.93011 (13020408)
421525.00	3771275.00	57.17999 (13020408)	421575.00	3771275.00	52.97213 (13020408)
421625.00	3771275.00	47.81838 (13020408)	419475.00	3771325.00	6.36294 (15120908)
419525.00	3771325.00	6.60225 (15120908)	419625.00	3771325.00	7.09139 (15120908)
419675.00	3771325.00	7.36499 (15120908)	419725.00	3771325.00	7.64411 (15120908)
419775.00	3771325.00	7.92200 (15120908)	419825.00	3771325.00	8.20574 (15120908)
419875.00	3771325.00	8.49137 (15120908)	419925.00	3771325.00	8.77812 (15120908)
419975.00	3771325.00	9.02604 (15120908)	420025.00	3771325.00	9.28826 (15120908)
420075.00	3771325.00	9.56336 (15120908)	420125.00	3771325.00	9.82723 (15120908)
420175.00	3771325.00	10.08261 (15120908)	420225.00	3771325.00	10.32841 (15120908)
420275.00	3771325.00	10.53953 (15120908)	420325.00	3771325.00	10.68920 (15120908)
420375.00	3771325.00	10.86225 (15120908)	420425.00	3771325.00	11.01856 (15120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
420475.00	3771325.00	11.14795 (15120908)	420675.00	3771325.00	12.96065 (12011615)
420775.00	3771325.00	16.46709 (12011616)	420875.00	3771325.00	22.56095 (15121408)
420925.00	3771325.00	26.02600 (15121408)	420975.00	3771325.00	39.53354 (13121908)
421025.00	3771325.00	34.98640 (14012308)	421175.00	3771325.00	60.45973 (14012308)
421425.00	3771325.00	58.28717 (14012808)	421475.00	3771325.00	57.56569 (13020408)
421525.00	3771325.00	57.56347 (13020408)	421575.00	3771325.00	54.48043 (13020408)
421625.00	3771325.00	48.30256 (13020408)	420558.00	3770023.77	443.11491 (12021515)
420607.88	3769999.76	509.23088 (12021515)	420540.81	3770341.01	302.84332 (15120908)
420517.13	3770376.53	196.07826 (15120908)			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

- -

ALL 1ST HIGHEST VALUE IS 50.71199 AT (420725.00, 3770125.00, 200.49, 419.04, 0.00) DC
2ND HIGHEST VALUE IS 38.40934 AT (420725.00, 3770175.00, 200.39, 419.04, 0.00) DC
3RD HIGHEST VALUE IS 30.90605 AT (420675.00, 3770275.00, 197.12, 419.04, 0.00) DC
4TH HIGHEST VALUE IS 23.83175 AT (420525.00, 3770175.00, 190.77, 419.04, 0.00) DC
5TH HIGHEST VALUE IS 18.41769 AT (420725.00, 3770275.00, 198.95, 419.04, 0.00) DC
6TH HIGHEST VALUE IS 17.44420 AT (420775.00, 3770175.00, 203.03, 419.04, 0.00) DC
7TH HIGHEST VALUE IS 16.78589 AT (420625.00, 3770325.00, 193.02, 419.04, 0.00) DC
8TH HIGHEST VALUE IS 16.78494 AT (420775.00, 3770125.00, 203.62, 419.04, 0.00) DC
9TH HIGHEST VALUE IS 16.13505 AT (420575.00, 3770325.00, 185.88, 419.04, 0.00) DC
10TH HIGHEST VALUE IS 9.92058 AT (420825.00, 3770175.00, 200.69, 419.04, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Covina Kaiser MOB\Covina Kaiser MOB.isc *** 09/12/19
*** AERMET - VERSION 16216 *** *** Covina Kaiser MOB Construction HRA *** 14:56:34
PAGE 125
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1996.36723	ON 12031616: AT (420725.00, 3770125.00, 200.49, 419.04, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Covina Kaiser MOB\Covina Kaiser MOB.isc *** 09/12/19
*** AERMET - VERSION 16216 *** *** Covina Kaiser MOB Construction HRA *** 14:56:34
PAGE 126
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1684 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 75 Calm Hours Identified

A Total of 1609 Missing Hours Identified (3.67 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 6164 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 6164 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

HARP Project Summary Report 10/3/2019 4:49:33 PM

PROJECT INFORMATION
HARP Version: 19121
Project Name: COVINA_KAISER_MOB
Project Output Directory: C:\Users\mmorales\Dropbox\8817.10 Covina Kaiser MOB_AQ Data\HRA\COVINA_KAISER_MOB
HARP Database: NA

EMISSION INVENTORY
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev	Multi	Annual Ems (lbs/yr)	MaxHr Ems (lbs/hr)	MWAF
SLINE1	0	0	9901	DieselExhPM	1	363.372	0.17	1

Background

PolID	PolAbbrev	Conc (ug/m^3)	MWAF

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH19252
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
9901	DieselExhPM	1.1		5			

AIR DISPERSION MODELING INFORMATION
Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:
Surface File:
Profile File:
Surface Station:

Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list

_____

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)

_____
Mit_OEHHA_CancerRisk.csv
Mit_OEHHA_CancerRiskSumByRec.csv
Mit_OEHHA_GLCList.csv
Mit_OEHHA_HRAInput.hra
Mit_OEHHA_NCAcuteRisk.csv
Mit_OEHHA_NCAcuteRiskSumByRec.csv
Mit_OEHHA_NCChronicRisk.csv
Mit_OEHHA_NCChronicRiskSumByRec.csv
Mit_OEHHA_Output.txt
Mit_OEHHA_PathwayRec.csv
Mit_OEHHA_PolDB.csv
Unmit_OEHHA_CancerRisk.csv
Unmit_OEHHA_CancerRiskSumByRec.csv
Unmit_OEHHA_GLCList.csv
Unmit_OEHHA_HRAInput.hra
Unmit_OEHHA_NCAcuteRisk.csv
Unmit_OEHHA_NCAcuteRiskSumByRec.csv
Unmit_OEHHA_NCChronicRisk.csv
Unmit_OEHHA_NCChronicRiskSumByRec.csv
Unmit_OEHHA_Output.txt
Unmit_OEHHA_PathwayRec.csv
Unmit_OEHHA_PolDB.csv

Spatial averaging files (\sa\)

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Covina Kaiser MOB - Construction Health Risk Assessment - Cancer Risk, Unmitigated Scenario

*HARP - HRACalc v19044 9/11/2019 4:06:48 PM - Cancer Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
495	ALL		420725	3770125	6.02E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		420725	3770175	4.56E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL		420675	3770275	3.67E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		420525	3770175	2.83E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		420725	3770275	2.19E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		420775	3770175	2.07E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL		420625	3770325	1.99E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL		420775	3770125	1.99E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL		420575	3770325	1.92E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		420825	3770175	1.18E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL		420475	3770275	1.14E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		420825	3770125	1.01E-05	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		420825	3770275	9.53E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		420625	3770375	9.06E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL		420607.9	3770000	8.41E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL		420575	3770375	8.30E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL		420558	3770024	8.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		420875	3770225	7.42E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		420875	3770275	6.68E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		420525	3770025	6.66E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		420675	3769975	6.66E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		420625	3769975	6.58E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		420475	3770075	6.56E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL		420425	3770275	5.85E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		420725	3769975	5.68E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		420575	3769975	5.56E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		420925	3770225	5.02E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		420925	3770175	4.80E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		420475	3770025	4.75E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL		420425	3770325	4.62E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		420875	3770075	4.49E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		420525	3769975	4.44E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		420425	3770075	4.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		420775	3769975	4.03E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL		420925	3770325	3.96E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		420625	3769925	3.84E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		420675	3769925	3.78E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL		420575	3769925	3.56E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		420475	3769975	3.46E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		420425	3770375	3.45E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		420725	3769925	3.41E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		420425	3770025	3.40E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		420975	3770275	3.38E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		420975	3770175	3.30E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		420525	3769925	3.08E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		420375	3770075	2.96E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		420975	3770125	2.96E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		420825	3769975	2.93E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL		420825	3770475	2.83E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		420425	3769975	2.67E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		421025	3770225	2.59E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL		420425	3770425	2.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		420625	3769875	2.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		420475	3769925	2.55E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		421025	3770275	2.54E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL		420875	3770475	2.53E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL		420375	3770375	2.49E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		420375	3770025	2.48E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		420575	3769875	2.45E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL		420975	3770375	2.44E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		421025	3770175	2.42E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		420675	3769875	2.36E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		420325	3770125	2.33E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL		420925	3770475	2.30E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL		420675	3770525	2.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		420525	3769875	2.22E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		420325	3770075	2.13E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		420425	3769925	2.08E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		421075	3770225	2.07E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		420375	3769975	2.06E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		421075	3770275	2.05E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL		421025	3770375	2.00E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL		420375	3770425	2.00E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		420725	3769875	1.99E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL		420525	3770525	1.96E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL		420425	3770475	1.96E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		420475	3769875	1.94E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		421075	3770175	1.93E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL		420325	3770375	1.86E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		420325	3770025	1.85E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL		420925	3770525	1.82E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		420775	3769875	1.77E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		420275	3770175	1.77E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		420575	3769825	1.76E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL		420475	3770525	1.75E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL		421075	3770375	1.74E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		421125	3770275	1.70E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		420275	3770125	1.69E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		421125	3770225	1.68E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		420375	3769925	1.68E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		420425	3769875	1.65E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		420525	3769825	1.65E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL		420975	3770525	1.63E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL		420375	3770475	1.61E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		420325	3769975	1.61E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		420275	3770075	1.58E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		420675	3769825	1.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		421125	3770175	1.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL		420325	3770425	1.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL		420425	3770525	1.51E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL		421075	3770475	1.50E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		420475	3769825	1.49E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL		421125	3770375	1.48E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		420275	3770025	1.43E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL		420275	3770375	1.43E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL		421025	3770525	1.40E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL		421175	3770275	1.40E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		420375	3769875	1.39E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		421125	3770125	1.39E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

401	ALL	420325	3769925	1.37E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	421175	3770225	1.36E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	421175	3770325	1.36E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	420475	3769775	1.35E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	420975	3770575	1.34E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	420225	3770225	1.33E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	420425	3769825	1.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	420225	3770175	1.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	420525	3769775	1.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	420325	3770475	1.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	420575	3769775	1.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	420375	3770525	1.29E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	421075	3770525	1.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	420225	3770125	1.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	420675	3770625	1.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	420725	3770625	1.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	420725	3769825	1.28E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	421175	3770175	1.27E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	420275	3769975	1.27E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	421175	3770375	1.26E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	420775	3770625	1.26E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	420625	3770625	1.26E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	420275	3770425	1.25E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	421025	3770575	1.23E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	420575	3770625	1.21E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	420425	3769775	1.21E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	420225	3770075	1.21E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	420425	3770575	1.20E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	420775	3769825	1.19E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	420325	3769875	1.16E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	421225	3770275	1.15E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	420375	3769825	1.15E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	420525	3770625	1.15E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	421225	3770325	1.14E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	421075	3770575	1.12E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	420225	3770025	1.12E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	421225	3770225	1.12E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	420275	3769925	1.12E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	421175	3770125	1.11E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	420325	3770525	1.10E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	420475	3769725	1.08E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	420275	3770475	1.08E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	421225	3770375	1.08E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	420525	3769725	1.07E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	420475	3770625	1.06E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	420375	3770575	1.05E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	420675	3769775	1.02E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	421225	3770175	1.02E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	420225	3769975	1.02E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	420225	3770425	1.01E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	420175	3770125	1.00E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	420725	3770675	1.00E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	420675	3770675	9.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	420325	3769825	9.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	420625	3770675	9.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	420275	3769875	9.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	421075	3770625	9.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	420425	3770625	9.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	420575	3769725	9.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	420575	3770675	9.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	420375	3769775	9.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	420175	3770075	9.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	420275	3770525	9.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	421275	3770375	9.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	420225	3769925	9.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	420325	3770575	9.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	420475	3769675	9.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	420175	3770025	9.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	420225	3770475	9.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	420425	3769725	9.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	420975	3770675	8.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	420725	3769775	8.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	420775	3769775	8.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	420375	3770625	8.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	421025	3770675	8.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	420275	3769825	8.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	420325	3769775	8.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	420175	3769975	8.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	420175	3770425	8.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	421025	3769925	8.33E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	420525	3769675	8.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	420225	3769875	8.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	421175	3770625	8.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	420625	3769725	8.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	420775	3770725	8.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	421075	3770675	8.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	420125	3770125	8.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	420375	3769725	8.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	420675	3770725	8.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	420275	3770575	8.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	420425	3770675	7.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	420725	3770725	7.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	421325	3770375	7.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	420225	3770525	7.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	420125	3770075	7.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	421325	3770475	7.79E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	420325	3770625	7.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	420425	3769675	7.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	420175	3769925	7.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	421225	3770625	7.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	420375	3769675	7.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	420475	3769625	7.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	420175	3770475	7.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	420425	3769625	7.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	420125	3770025	7.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	420275	3769775	7.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	420375	3769625	7.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	420675	3769725	7.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	420225	3769825	7.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	420725	3769725	7.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	420375	3770675	7.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	421075	3769925	7.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	420325	3769625	7.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

635	ALL	421375	3770475	7.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	421275	3770625	7.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	420775	3769725	7.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	420575	3769675	7.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	420975	3770725	7.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	420175	3769875	7.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	420125	3769975	7.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	420125	3770425	6.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	420225	3770575	6.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	421375	3770375	6.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	420275	3770625	6.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	421375	3770325	6.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	421025	3770725	6.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	420175	3770525	6.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	421375	3770275	6.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	420075	3770175	6.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	420725	3770775	6.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	420825	3770775	6.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	420775	3770775	6.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	420075	3770125	6.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	421075	3770725	6.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	420325	3770675	6.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	421375	3770575	6.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	420575	3770775	6.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	420225	3769775	6.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	420275	3769725	6.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	420075	3770075	6.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	420125	3769925	6.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	420125	3770475	6.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	420325	3769575	6.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	420175	3769825	6.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	421375	3770225	6.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	420525	3770775	6.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	421125	3769925	6.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	420075	3770025	6.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	420525	3769625	6.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	420625	3769675	6.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	421425	3770525	6.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	420225	3770625	6.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	420175	3770575	6.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	421425	3770375	6.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	421025	3770775	6.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	421075	3769875	6.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	420475	3770775	6.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	420125	3769875	6.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	421425	3770325	6.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	420275	3770675	5.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	420275	3769575	5.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	421375	3770175	5.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	420075	3769975	5.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	420125	3770525	5.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	420675	3769675	5.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	421325	3770675	5.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	420225	3769725	5.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	421425	3770275	5.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	421225	3770725	5.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	421075	3770775	5.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	420675	3770825	5.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	420175	3769775	5.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	420725	3770825	5.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	420275	3769675	5.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	420025	3770175	5.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	420425	3770775	5.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	420625	3770825	5.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	421475	3770425	5.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	420325	3769525	5.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	420875	3770825	5.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	420025	3770275	5.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	421475	3770475	5.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	420825	3770825	5.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	420025	3770125	5.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	420275	3769625	5.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	420775	3770825	5.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	420075	3769925	5.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	420575	3770825	5.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	420875	3769725	5.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	420925	3770825	5.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	421425	3770225	5.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	420125	3769825	5.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	421275	3770725	5.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	420725	3769675	5.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	420025	3770325	5.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	421475	3770375	5.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	420025	3770075	5.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	421475	3770575	5.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	420275	3769525	5.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	420975	3770825	5.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	420175	3770625	5.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	421375	3770675	5.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	421175	3769925	5.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	421125	3770775	5.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	420225	3770675	5.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	420125	3770575	5.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	420375	3769525	5.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	421475	3770325	5.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	420025	3770025	5.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	420375	3770775	5.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	421025	3770825	5.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	421525	3770525	5.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	421125	3769875	5.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	421325	3770725	5.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	420075	3769875	5.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	420175	3769725	5.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	421425	3770175	5.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	421475	3770625	5.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	421175	3770775	5.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	421475	3770275	5.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	421425	3770675	5.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	421075	3770825	5.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	420325	3769475	5.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	420425	3769525	5.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	421075	3769825	5.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	420125	3769775	5.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

422	ALL	420025	3769975	5.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	421125	3770825	4.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	420725	3770875	4.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	421375	3770725	4.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	420675	3770875	4.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	420325	3770775	4.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	420275	3769475	4.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	421475	3770225	4.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	420175	3770675	4.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	421225	3770775	4.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	420625	3770875	4.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	420125	3770625	4.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	420875	3770875	4.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	421275	3770775	4.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	419975	3770175	4.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	420075	3769825	4.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	421175	3770825	4.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	420775	3770875	4.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	421575	3770525	4.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	420025	3769925	4.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	420025	3770475	4.79E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	419975	3770275	4.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	420475	3769525	4.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	419975	3770125	4.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	420825	3770875	4.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	420925	3770875	4.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	419975	3770325	4.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	420375	3769475	4.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	420075	3770575	4.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	420975	3770875	4.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	419975	3770075	4.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	421575	3770425	4.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	421325	3770775	4.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	421525	3770625	4.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	420125	3769725	4.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	421025	3770875	4.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	421425	3770725	4.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	421225	3770825	4.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	421475	3770175	4.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	420425	3769475	4.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	419975	3770025	4.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	420325	3769425	4.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	420525	3770875	4.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	420975	3769725	4.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	421525	3770275	4.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	421075	3770875	4.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	420025	3769875	4.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	420025	3770525	4.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	420675	3769625	4.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	420075	3769775	4.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	420225	3769475	4.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	421375	3770775	4.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	421125	3770875	4.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	421275	3770825	4.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	420225	3769575	4.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	420125	3770675	4.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	420475	3770875	4.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	420275	3769425	4.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	419975	3769975	4.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	420175	3770725	4.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	421525	3770225	4.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	420075	3770625	4.33E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	421475	3770725	4.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	420425	3769425	4.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	421175	3770875	4.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	421125	3769825	4.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	420725	3769625	4.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	420175	3769625	4.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	420775	3770925	4.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	421625	3770425	4.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	420725	3770925	4.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	420475	3769475	4.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	420125	3769675	4.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	420025	3769825	4.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	420875	3770925	4.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	421325	3770825	4.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	419975	3770475	4.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	421075	3769775	4.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	420775	3769625	4.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	420425	3770875	4.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	420025	3770575	4.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	421425	3770775	4.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	419925	3770175	4.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	420675	3770925	4.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	419975	3769925	4.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	419925	3770275	4.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	421225	3770875	4.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	420075	3769725	4.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	419925	3770125	4.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	420825	3769625	4.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	420825	3770925	4.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	420575	3770925	4.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	421525	3770175	4.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	419925	3770325	4.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	420925	3769675	4.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	421575	3770275	4.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	419925	3770075	4.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	421525	3770725	4.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	421025	3770925	4.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	420325	3769375	4.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	420925	3770925	4.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	420275	3770825	4.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	420475	3769425	4.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	420975	3770925	4.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	421575	3770675	3.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	420525	3770925	3.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	420375	3770875	3.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	419925	3770025	3.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	420125	3770725	3.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	421275	3770875	3.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	420075	3770675	3.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	419975	3770525	3.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	421075	3770925	3.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

319	ALL	420025	3769775	3.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	419975	3769875	3.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	421475	3770775	3.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	421375	3770825	3.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	421625	3770625	3.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	421575	3770225	3.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	420025	3770625	3.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	420125	3769625	3.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	421125	3770925	3.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	420475	3770925	3.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	419925	3769975	3.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	420075	3769675	3.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	421325	3770875	3.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	420325	3770875	3.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	419975	3769825	3.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	419975	3770575	3.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	420625	3770975	3.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	421575	3770725	3.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	421525	3770775	3.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	420025	3769725	3.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	419925	3770475	3.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	421425	3770825	3.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	421625	3770275	3.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	421175	3770925	3.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	420675	3770975	3.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	420425	3770925	3.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	421575	3770175	3.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	420775	3770975	3.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	420275	3769375	3.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	421625	3770675	3.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	420875	3770975	3.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	419925	3769925	3.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	419875	3770225	3.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	419875	3770175	3.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	420725	3770975	3.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	420075	3770725	3.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	420575	3770975	3.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	419875	3770125	3.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	420125	3770775	3.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	420825	3770975	3.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	421025	3770975	3.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	421375	3770875	3.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	419875	3770075	3.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	421475	3770825	3.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	420275	3770875	3.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	419975	3769775	3.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	421225	3770925	3.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	419925	3770525	3.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	421625	3770225	3.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	419875	3770375	3.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	420375	3770925	3.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	419925	3769875	3.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	420525	3770975	3.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	421575	3770775	3.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	419875	3770025	3.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	421275	3770925	3.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	420025	3769675	3.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	421625	3770725	3.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	420925	3770975	3.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	420925	3769625	3.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	420425	3769325	3.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	420475	3770975	3.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	421525	3770825	3.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	421425	3770875	3.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	420325	3769325	3.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	419875	3769975	3.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	420975	3770975	3.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	420375	3769325	3.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	419925	3769825	3.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	420325	3770925	3.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	419925	3770575	3.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	419975	3769725	3.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	420225	3770875	3.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	421325	3770925	3.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	420075	3770775	3.33E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	420025	3770725	3.33E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	419875	3770475	3.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	421125	3770975	3.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	420625	3771025	3.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	420225	3769425	3.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	421075	3770975	3.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	420425	3770975	3.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	421625	3770175	3.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	420775	3769575	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	420075	3769575	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	420475	3769325	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	421625	3770775	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	420675	3771025	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	419975	3770675	3.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	419875	3769925	3.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	420375	3769275	3.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	420325	3769275	3.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	420575	3771025	3.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	419825	3770175	3.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	421475	3770875	3.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	419825	3770275	3.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	420125	3770825	3.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	421175	3770975	3.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	421375	3770925	3.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	419825	3770125	3.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	421575	3770825	3.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	420275	3770925	3.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	419825	3770075	3.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	419875	3770525	3.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	420875	3771025	3.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	420775	3771025	3.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	420825	3769575	3.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	420375	3770975	3.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	421025	3771025	3.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	419925	3770625	3.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	420725	3771025	3.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	419975	3769675	3.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	419825	3770375	3.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

977	ALL	420525	3771025	3.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	419875	3769875	3.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	420175	3770875	3.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	420275	3769275	3.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	420275	3769225	3.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	420825	3771025	3.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	421425	3770925	3.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	420425	3769275	3.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	421225	3770975	3.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	420525	3769325	3.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	420025	3770775	3.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	421525	3770875	3.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	421625	3770825	3.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	420325	3769225	3.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	420475	3771025	3.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	420225	3769225	3.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	420225	3769275	3.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	419975	3770725	3.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	420075	3769525	3.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	419875	3770575	3.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	420325	3770975	3.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	419925	3769725	3.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	420225	3770925	3.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	419825	3769975	3.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	419875	3769825	3.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	420925	3771025	3.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	421625	3770125	3.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	420975	3771025	2.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	420625	3771075	2.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	421275	3770975	2.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	420425	3771025	2.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	420175	3769425	2.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	420125	3770875	2.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	421475	3770925	2.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	420575	3771075	2.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	420675	3771075	2.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	421575	3770875	2.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	420375	3769225	2.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	420275	3770975	2.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	419875	3770625	2.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	421325	3770975	2.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	419875	3769775	2.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	419825	3770525	2.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	421075	3771025	2.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	420275	3769175	2.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	420925	3769575	2.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	419775	3770125	2.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	419925	3769675	2.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	420375	3771025	2.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	420175	3770925	2.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	419775	3770075	2.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	420025	3770825	2.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	419975	3770775	2.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	420525	3771075	2.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	420275	3769325	2.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	419775	3770375	2.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	420475	3769275	2.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	421025	3771075	2.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	419825	3769875	2.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	421625	3770875	2.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	421125	3771025	2.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	421375	3770975	2.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	420025	3769525	2.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	421175	3771025	2.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	420225	3769175	2.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	421525	3770925	2.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	420325	3769175	2.79E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	419975	3769575	2.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	420725	3771075	2.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	420475	3771075	2.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	420825	3771075	2.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	420775	3771075	2.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	419825	3770575	2.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	420225	3770975	2.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	420325	3771025	2.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	420075	3770875	2.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	419875	3769725	2.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	421425	3770975	2.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	420875	3771075	2.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	420575	3769325	2.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	420975	3769575	2.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	421225	3771025	2.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	420125	3770925	2.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	420625	3771125	2.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	420425	3771075	2.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	420125	3769175	2.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	421575	3770925	2.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	420925	3771075	2.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	420975	3771075	2.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	420425	3769225	2.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	420525	3769275	2.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	419975	3770825	2.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	420675	3771125	2.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	420775	3769525	2.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	420275	3771025	2.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	419825	3770625	2.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	420575	3771125	2.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	420225	3769325	2.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	419925	3770775	2.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	419875	3769675	2.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	420175	3769175	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	419825	3769775	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	420175	3770975	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	419975	3769525	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	420075	3769225	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	421475	3770975	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	419775	3770525	2.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	420075	3769175	2.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	420375	3771075	2.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	421275	3771025	2.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	419725	3770125	2.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	421625	3770925	2.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	420025	3770875	2.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

748	ALL	419875	3770725	2.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	420525	3771125	2.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	419725	3770075	2.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	419925	3769575	2.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	420825	3769525	2.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	419775	3769875	2.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	420075	3770925	2.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	419725	3770025	2.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	420375	3769175	2.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	420225	3771025	2.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	419825	3769725	2.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	419775	3770575	2.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	421325	3771025	2.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	420175	3769225	2.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	420475	3771125	2.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	421075	3771075	2.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	420325	3771075	2.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	420625	3769325	2.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	421175	3771075	2.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	421525	3770975	2.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	419875	3769625	2.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	420175	3769325	2.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	421125	3771075	2.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	419775	3769825	2.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	420125	3770975	2.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	420775	3771125	2.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	419725	3769975	2.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	421025	3771125	2.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	420725	3771125	2.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	419925	3770825	2.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	420675	3771175	2.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	419975	3769475	2.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	420425	3771125	2.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	421375	3771025	2.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	420825	3771125	2.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	421075	3771125	2.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	420075	3769375	2.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	419875	3770775	2.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	420175	3769275	2.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	419925	3769525	2.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	419975	3770875	2.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	419775	3770625	2.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	420875	3771125	2.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	420275	3771075	2.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	419825	3769675	2.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	421575	3770975	2.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	420725	3769475	2.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	421225	3771075	2.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	420175	3771025	2.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	421425	3771025	2.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	420025	3770925	2.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	420925	3771125	2.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	419725	3770525	2.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	419775	3769775	2.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	420375	3771125	2.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	421125	3771125	2.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	419675	3770175	2.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	420975	3771125	2.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	420575	3769275	2.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	420075	3769325	2.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	421475	3771025	2.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	420525	3771175	2.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	419675	3770125	2.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	419725	3769875	2.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	419675	3770375	2.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	419675	3770075	2.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	419775	3770675	2.33E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	420225	3771075	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	420975	3769525	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	420475	3769225	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	419725	3770575	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	421625	3770975	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	421275	3771075	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	419975	3769425	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	420675	3769325	2.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	419675	3770025	2.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	420325	3771125	2.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	420475	3771175	2.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	419875	3770825	2.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	419925	3769475	2.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	420125	3771025	2.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	421175	3771125	2.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	419925	3770875	2.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	420725	3769425	2.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	420725	3771175	2.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	420425	3769175	2.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	419675	3769975	2.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	420025	3769175	2.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	420425	3771175	2.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	420775	3771175	2.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	419725	3770625	2.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	421225	3771125	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	420175	3771075	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	420825	3771175	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	420025	3770975	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	421525	3771025	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	420775	3769475	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	420125	3769225	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	421075	3771175	2.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	421325	3771075	2.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	420125	3769275	2.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	420275	3771125	2.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	420875	3771175	2.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	420025	3769225	2.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	420375	3771175	2.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	420075	3771025	2.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	420025	3769325	2.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	419925	3769425	2.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	421125	3771175	2.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	419625	3770225	2.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	421025	3771175	2.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	419625	3770325	2.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	420925	3771175	2.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1132	ALL	420525	3771225	2.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	419625	3770125	2.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	420825	3769475	2.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	420225	3771125	2.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	420975	3771175	2.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	419625	3770375	2.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	419725	3770675	2.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	421375	3771075	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	419875	3770875	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	419775	3769625	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	419675	3770575	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	419625	3770075	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	420125	3771075	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	419725	3769725	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	420525	3769225	2.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	419925	3770925	2.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	421575	3771025	2.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	420325	3771175	2.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	420475	3771225	2.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	420725	3769375	2.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	421075	3769525	2.12E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	419975	3770975	2.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	421175	3771175	2.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	421475	3771075	2.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	419625	3770025	2.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	419825	3769525	2.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	420775	3771225	2.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	419675	3769825	2.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	420875	3769475	2.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	421275	3771125	2.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	420025	3771025	2.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	419925	3769225	2.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	420675	3771275	2.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	420175	3771125	2.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	420425	3771225	2.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	419725	3769675	2.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	420625	3769275	2.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	419975	3769325	2.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	420275	3771175	2.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	421425	3771075	2.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	419775	3769575	2.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	419675	3769775	2.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	420725	3769325	2.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	420075	3771075	2.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	420825	3771225	2.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	421625	3771025	2.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	421225	3771175	2.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	419625	3769925	2.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	419625	3770525	2.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	420575	3769225	2.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	419975	3769175	2.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	421525	3771075	2.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	420375	3771225	2.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	420875	3771225	2.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	419875	3770925	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	419825	3769475	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	419825	3770875	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	419925	3770975	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	421075	3771225	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	421325	3771125	2.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	419575	3770225	2.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	420225	3771175	2.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	419725	3769625	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	419575	3770275	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	420125	3771125	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	419575	3770325	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	419675	3769725	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	419575	3770175	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	419775	3770825	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	419975	3771025	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	419575	3770125	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	419575	3770375	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	420925	3771225	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	419625	3770575	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	420325	3771225	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	421275	3771175	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	421025	3771225	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	421125	3771225	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	419575	3770075	1.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	420975	3771225	1.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	421025	3769475	1.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	420475	3771275	1.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	419925	3769325	1.96E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	420025	3771075	1.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	420475	3769175	1.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	419625	3769825	1.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	419975	3769275	1.95E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	419725	3770775	1.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	420175	3771175	1.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	419675	3769675	1.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	419725	3769575	1.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	420425	3771275	1.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	419825	3769425	1.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	421575	3771075	1.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	420675	3771325	1.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	420275	3771225	1.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	420075	3771125	1.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	421475	3771125	1.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	421375	3771125	1.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	419625	3769775	1.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	419825	3770925	1.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	419875	3770975	1.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	420675	3769275	1.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	419675	3770725	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	419775	3769475	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	419775	3770875	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	419925	3771025	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	421425	3771125	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	419575	3770525	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	419575	3769925	1.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	420375	3771275	1.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	421175	3771225	1.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	421625	3771075	1.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1170	ALL	420875	3771275	1.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	419975	3771075	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	420125	3771175	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	419675	3769625	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	420225	3771225	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	419725	3770825	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	421325	3771175	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	419925	3769275	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	420625	3769225	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	419625	3769725	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	419575	3769875	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	420725	3769275	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	421225	3771225	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	420775	3769325	1.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	419975	3769225	1.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	419825	3769375	1.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	420025	3771125	1.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	420325	3771275	1.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	421525	3771125	1.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	419525	3770325	1.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	419625	3770675	1.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	420775	3771325	1.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	420475	3771325	1.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	419675	3770775	1.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	419525	3770375	1.82E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	419775	3769425	1.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	419575	3769825	1.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	421275	3771225	1.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	420175	3771225	1.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	420875	3769425	1.81E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	419675	3769575	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	420925	3771275	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	419525	3770025	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	419625	3769675	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	419775	3770925	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	419875	3771025	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	421025	3771275	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	420075	3771175	1.80E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	420425	3771325	1.79E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	420275	3771275	1.79E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	419725	3769475	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	419925	3771075	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	419725	3770875	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	419525	3769975	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	420975	3771275	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	421075	3771275	1.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	419625	3770725	1.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	419575	3769775	1.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	421575	3771125	1.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	419575	3770625	1.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	419875	3769275	1.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	420875	3771325	1.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	419975	3771125	1.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	419825	3769325	1.76E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	420375	3771325	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	419525	3769925	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	419675	3770825	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	420525	3769175	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	421375	3771175	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	421125	3769475	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	420125	3771225	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	420225	3771275	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	419625	3769625	1.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	419775	3769375	1.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	421625	3771125	1.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	421425	3771175	1.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	421125	3771275	1.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	420025	3771175	1.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	419575	3769725	1.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	419525	3769875	1.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	420325	3771325	1.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	419575	3770675	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	419825	3771025	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	419625	3770775	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	419725	3769425	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	420775	3769275	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	419475	3770225	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	420925	3771325	1.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	419475	3770125	1.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	419725	3770925	1.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	419875	3771075	1.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	420175	3771275	1.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	419925	3769175	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	419525	3769825	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	421475	3771175	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	420075	3771225	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	419575	3769675	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	419625	3769575	1.69E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	419925	3771125	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	420275	3771325	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	419875	3769225	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	419475	3770025	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	421175	3771275	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	419675	3769475	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	419775	3769325	1.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	419575	3770725	1.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	419975	3771175	1.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	419475	3769975	1.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	421075	3769425	1.66E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	419525	3770625	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	419525	3769775	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	419625	3770825	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	421525	3771175	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	420575	3769175	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	419725	3769375	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	420125	3771275	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	420825	3769325	1.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	420225	3771325	1.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	419575	3769625	1.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	419475	3769925	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	419775	3771025	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	421575	3771175	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	419625	3769525	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1117	ALL	421625	3771175	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	420025	3771225	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	419825	3771075	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	419675	3769425	1.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	419875	3771125	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	419675	3770925	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	419525	3769725	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	419575	3770775	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	419525	3770675	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	420975	3771325	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	419475	3769875	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	421025	3771325	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	419775	3769275	1.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	420175	3771325	1.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	419925	3771175	1.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	420075	3771275	1.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	421175	3769475	1.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	421425	3771225	1.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	419725	3769325	1.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	419575	3769575	1.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	419475	3769825	1.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	420675	3769225	1.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	419625	3769475	1.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	420925	3769375	1.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	419975	3771225	1.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	419525	3769675	1.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	419525	3770725	1.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	419675	3769375	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	419575	3770825	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	419725	3771025	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	419775	3771075	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	420125	3771325	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	420975	3769375	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	419475	3770625	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	419825	3771125	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	420625	3769175	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	419475	3769775	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	419675	3770975	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	420025	3771275	1.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	421475	3771225	1.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	419875	3771175	1.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	419575	3769525	1.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	419625	3769425	1.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	419775	3769225	1.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	419525	3769625	1.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	419625	3770925	1.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	421625	3771225	1.53E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	419725	3769275	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	421525	3771225	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	419525	3770775	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	419925	3771225	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	420825	3769275	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	419475	3769725	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	419475	3770675	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	421575	3771225	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	420075	3771325	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	419675	3769325	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	419575	3770875	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	421175	3769425	1.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	419575	3769475	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	419975	3771275	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	419525	3769575	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	419725	3771075	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	419775	3771125	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	419675	3771025	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	419625	3769375	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	419475	3769675	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	419825	3771175	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	419475	3770725	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	419525	3770825	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	419625	3770975	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	419775	3769175	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	421175	3771325	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	421625	3771275	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	419725	3769225	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	419875	3771225	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	420025	3771325	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	419525	3769525	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	421425	3771275	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	419575	3770925	1.46E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	419575	3769425	1.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	421525	3769625	1.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	419925	3771275	1.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	419475	3769625	1.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	419625	3769325	1.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	421125	3769375	1.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	421475	3771275	1.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	419475	3770775	1.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	419525	3770875	1.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	419775	3771175	1.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	419675	3771075	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	421525	3771275	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	419975	3771325	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	419525	3769475	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	421575	3771275	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	419625	3771025	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	420925	3769325	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	419475	3769575	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	419725	3769175	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	421225	3769425	1.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	420675	3769175	1.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	419575	3770975	1.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	419875	3771275	1.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	421325	3769525	1.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	419675	3769225	1.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	421625	3771325	1.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	419525	3770925	1.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	419925	3771325	1.39E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	421575	3771325	1.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	421575	3769625	1.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	421175	3769375	1.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	421425	3771325	1.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	419825	3771275	1.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

958	ALL	419575	3771025	1.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	420725	3769175	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	421475	3771325	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	419675	3769175	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	421375	3769525	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	419525	3770975	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	421525	3771325	1.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	419875	3771325	1.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	419775	3771275	1.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	421425	3769525	1.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	421225	3769375	1.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	421125	3769325	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	419525	3771025	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	420925	3769275	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	421625	3769625	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	419825	3771325	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	420775	3769175	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	421325	3769475	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	419625	3769175	1.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	420825	3769175	1.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	419575	3771125	1.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	420875	3769225	1.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	419575	3769225	1.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	419725	3771275	1.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	421575	3769575	1.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	419525	3769275	1.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	419775	3771325	1.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	421175	3769325	1.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	421475	3769525	1.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	419475	3769325	1.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	421375	3769475	1.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	419575	3769175	1.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	421275	3769375	1.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	419525	3771125	1.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	419675	3771275	1.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	419525	3769225	1.23E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	419475	3771075	1.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	419725	3771325	1.22E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	421625	3769575	1.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	419475	3769275	1.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	421225	3769325	1.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	421425	3769475	1.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	419525	3769175	1.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	419625	3771275	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	419475	3771125	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	419675	3771325	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	419475	3769225	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	421575	3769525	1.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	421325	3769375	1.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	421375	3769425	1.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	421175	3769275	1.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	419475	3769175	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	419625	3771325	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	421275	3769325	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	421625	3769525	1.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	421425	3769425	1.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	419525	3771275	1.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	419475	3771225	1.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	421225	3769275	1.11E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	421575	3769475	1.09E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	421325	3769325	1.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	421475	3769425	1.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	419475	3771275	1.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	419525	3771325	1.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	421275	3769275	1.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	421175	3769225	1.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	421625	3769475	1.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	421525	3769425	1.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	421425	3769375	1.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	419475	3771325	1.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	421375	3769325	1.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	421225	3769225	1.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	421575	3769425	1.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	421025	3769175	1.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	421475	3769375	1.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	421325	3769275	1.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	421275	3769225	9.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	421625	3769425	9.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	421525	3769375	9.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	421375	3769275	9.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	421225	3769175	9.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	421575	3769375	9.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	421475	3769325	9.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	421325	3769225	9.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	421425	3769275	9.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	421625	3769375	9.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	421275	3769175	9.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	421425	3769175	8.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	421475	3769175	7.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Covina Kaiser MOB - Construction Health Risk Assessment - Chronic Risk, Unmitigated Scenario

*HARP - HRACalc v19044 9/11/2019 4:06:48 PM - Chronic Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
495	ALL		420725	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
513	ALL		420725	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-02
554	ALL		420675	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02
512	ALL		420525	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02
555	ALL		420725	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-02
514	ALL		420775	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
578	ALL		420625	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02
496	ALL		420775	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02
577	ALL		420575	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
515	ALL		420825	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
553	ALL		420475	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
497	ALL		420825	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-03
556	ALL		420825	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-03
597	ALL		420625	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03
1215	ALL		420607.9	3770000	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03
596	ALL		420575	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03
1214	ALL		420558	3770024	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03
534	ALL		420875	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03
557	ALL		420875	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
457	ALL		420525	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-03
435	ALL		420675	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-03
434	ALL		420625	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
476	ALL		420475	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03
552	ALL		420425	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03
436	ALL		420725	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
433	ALL		420575	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03
535	ALL		420925	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
516	ALL		420925	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
456	ALL		420475	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
576	ALL		420425	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
477	ALL		420875	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
432	ALL		420525	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
475	ALL		420425	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
437	ALL		420775	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
579	ALL		420925	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
407	ALL		420625	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
408	ALL		420675	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
406	ALL		420575	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
431	ALL		420475	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
595	ALL		420425	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
409	ALL		420725	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
455	ALL		420425	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
558	ALL		420975	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
517	ALL		420975	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
405	ALL		420525	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
474	ALL		420375	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
498	ALL		420975	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
438	ALL		420825	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
630	ALL		420825	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
430	ALL		420425	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
536	ALL		421025	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
615	ALL		420425	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
382	ALL		420625	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
404	ALL		420475	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
559	ALL		421025	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
631	ALL		420875	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
594	ALL		420375	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
454	ALL		420375	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
381	ALL		420575	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
598	ALL		420975	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
518	ALL		421025	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
383	ALL		420675	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
494	ALL		420325	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
632	ALL		420925	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
655	ALL		420675	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
380	ALL		420525	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
473	ALL		420325	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
403	ALL		420425	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
537	ALL		421075	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
429	ALL		420375	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
560	ALL		421075	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
599	ALL		421025	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
614	ALL		420375	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
384	ALL		420725	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
654	ALL		420525	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
629	ALL		420425	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
379	ALL		420475	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
519	ALL		421075	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
593	ALL		420325	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
453	ALL		420325	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
656	ALL		420925	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
385	ALL		420775	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
511	ALL		420275	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
355	ALL		420575	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
653	ALL		420475	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
600	ALL		421075	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
561	ALL		421125	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
493	ALL		420275	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
538	ALL		421125	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
402	ALL		420375	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
378	ALL		420425	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
354	ALL		420525	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
657	ALL		420975	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
628	ALL		420375	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
428	ALL		420325	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
472	ALL		420275	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
356	ALL		420675	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
520	ALL		421125	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
613	ALL		420325	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
652	ALL		420425	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
633	ALL		421075	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
353	ALL		420475	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
601	ALL		421125	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
452	ALL		420275	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
592	ALL		420275	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
658	ALL		421025	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
562	ALL		421175	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
377	ALL		420375	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
499	ALL		421125	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
401	ALL		420325	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
539	ALL		421175	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
580	ALL		421175	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03

328	ALL	420475	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
680	ALL	420975	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
533	ALL	420225	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
352	ALL	420425	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
510	ALL	420225	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
329	ALL	420525	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
627	ALL	420325	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
330	ALL	420575	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
651	ALL	420375	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
659	ALL	421075	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
492	ALL	420225	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
706	ALL	420675	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
707	ALL	420725	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
357	ALL	420725	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
521	ALL	421175	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
427	ALL	420275	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
602	ALL	421175	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
708	ALL	420775	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
705	ALL	420625	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
612	ALL	420275	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
681	ALL	421025	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
704	ALL	420575	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
327	ALL	420425	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
471	ALL	420225	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
679	ALL	420425	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
358	ALL	420775	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
376	ALL	420325	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
563	ALL	421225	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
351	ALL	420375	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
703	ALL	420525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
581	ALL	421225	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
682	ALL	421075	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-04
451	ALL	420225	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
540	ALL	421225	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
400	ALL	420275	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
500	ALL	421175	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
650	ALL	420325	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
301	ALL	420475	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
626	ALL	420275	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
603	ALL	421225	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04
302	ALL	420525	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04
702	ALL	420475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
678	ALL	420375	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04
331	ALL	420675	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
522	ALL	421225	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
426	ALL	420225	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
611	ALL	420225	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04
491	ALL	420175	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
734	ALL	420725	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
733	ALL	420675	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
350	ALL	420325	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04
732	ALL	420625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04
375	ALL	420275	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-04
709	ALL	421075	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
701	ALL	420425	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
303	ALL	420575	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
731	ALL	420575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
326	ALL	420375	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
470	ALL	420175	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
649	ALL	420275	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04
604	ALL	421275	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
399	ALL	420225	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
677	ALL	420325	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04
276	ALL	420475	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
450	ALL	420175	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
625	ALL	420225	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
300	ALL	420425	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
735	ALL	420975	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
332	ALL	420725	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04
333	ALL	420775	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
700	ALL	420375	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
736	ALL	421025	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
349	ALL	420275	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
325	ALL	420325	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04
425	ALL	420175	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
610	ALL	420175	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
410	ALL	421025	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
277	ALL	420525	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
374	ALL	420225	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
710	ALL	421175	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
304	ALL	420625	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
756	ALL	420775	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
737	ALL	421075	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
490	ALL	420125	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
299	ALL	420375	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
754	ALL	420675	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
676	ALL	420275	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
730	ALL	420425	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
755	ALL	420725	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
605	ALL	421325	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
648	ALL	420225	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
469	ALL	420125	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
634	ALL	421325	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
699	ALL	420325	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
275	ALL	420425	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
398	ALL	420175	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04
711	ALL	421225	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
274	ALL	420375	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
250	ALL	420475	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
624	ALL	420175	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
249	ALL	420425	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
449	ALL	420125	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
324	ALL	420275	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
248	ALL	420375	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
305	ALL	420675	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
348	ALL	420225	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
306	ALL	420725	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
729	ALL	420375	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
411	ALL	421075	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
247	ALL	420325	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
635	ALL	421375	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
712	ALL	421275	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
307	ALL	420775	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
278	ALL	420575	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
757	ALL	420975	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
373	ALL	420175	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04

424	ALL	420125	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
609	ALL	420125	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
675	ALL	420225	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
606	ALL	421375	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
698	ALL	420275	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
582	ALL	421375	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
758	ALL	421025	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
647	ALL	420175	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
564	ALL	421375	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
509	ALL	420075	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
787	ALL	420725	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
789	ALL	420825	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
788	ALL	420775	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
489	ALL	420075	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
759	ALL	421075	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
728	ALL	420325	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
683	ALL	421375	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
786	ALL	420575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
323	ALL	420225	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
298	ALL	420275	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
468	ALL	420075	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
397	ALL	420125	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
623	ALL	420125	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
229	ALL	420325	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
347	ALL	420175	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
541	ALL	421375	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
785	ALL	420525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
412	ALL	421125	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
448	ALL	420075	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
251	ALL	420525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
279	ALL	420625	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
660	ALL	421425	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
697	ALL	420225	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
674	ALL	420175	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
607	ALL	421425	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
790	ALL	421025	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
386	ALL	421075	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
784	ALL	420475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
372	ALL	420125	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
583	ALL	421425	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
727	ALL	420275	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
228	ALL	420275	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
523	ALL	421375	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
423	ALL	420075	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
646	ALL	420125	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
280	ALL	420675	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
738	ALL	421325	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
297	ALL	420225	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
565	ALL	421425	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
760	ALL	421225	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
791	ALL	421075	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
817	ALL	420675	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
322	ALL	420175	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
818	ALL	420725	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
273	ALL	420275	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
508	ALL	420025	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
783	ALL	420425	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
816	ALL	420625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
616	ALL	421475	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
203	ALL	420325	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
821	ALL	420875	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
551	ALL	420025	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
636	ALL	421475	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
820	ALL	420825	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
488	ALL	420025	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
246	ALL	420275	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
819	ALL	420775	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
396	ALL	420075	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
815	ALL	420575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
308	ALL	420875	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
822	ALL	420925	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
542	ALL	421425	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
346	ALL	420125	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
761	ALL	421275	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
281	ALL	420725	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
575	ALL	420025	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
608	ALL	421475	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
467	ALL	420025	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
684	ALL	421475	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
202	ALL	420275	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
823	ALL	420975	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
696	ALL	420175	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
739	ALL	421375	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
413	ALL	421175	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
792	ALL	421125	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
726	ALL	420225	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
673	ALL	420125	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
204	ALL	420375	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
584	ALL	421475	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
447	ALL	420025	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
782	ALL	420375	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
824	ALL	421025	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
661	ALL	421525	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
387	ALL	421125	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
762	ALL	421325	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
371	ALL	420075	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
296	ALL	420175	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
524	ALL	421425	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
713	ALL	421475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
793	ALL	421175	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
566	ALL	421475	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
740	ALL	421425	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
825	ALL	421075	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
178	ALL	420325	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
205	ALL	420425	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
359	ALL	421075	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
321	ALL	420125	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
422	ALL	420025	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
826	ALL	421125	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
858	ALL	420725	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
763	ALL	421375	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
857	ALL	420675	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
781	ALL	420325	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
177	ALL	420275	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
543	ALL	421475	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
725	ALL	420175	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04

794	ALL	421225	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
856	ALL	420625	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
695	ALL	420125	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
861	ALL	420875	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
795	ALL	421275	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
507	ALL	419975	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
345	ALL	420075	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
827	ALL	421175	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
859	ALL	420775	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
662	ALL	421575	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
395	ALL	420025	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
622	ALL	420025	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
550	ALL	419975	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
206	ALL	420475	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
487	ALL	419975	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
860	ALL	420825	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
862	ALL	420925	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
574	ALL	419975	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
179	ALL	420375	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
672	ALL	420075	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
863	ALL	420975	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
466	ALL	419975	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
617	ALL	421575	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
796	ALL	421325	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
714	ALL	421525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
295	ALL	420125	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
864	ALL	421025	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
764	ALL	421425	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
828	ALL	421225	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
525	ALL	421475	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
180	ALL	420425	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
446	ALL	419975	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
153	ALL	420325	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
855	ALL	420525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
309	ALL	420975	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
567	ALL	421525	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
865	ALL	421075	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
370	ALL	420025	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
645	ALL	420025	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
252	ALL	420675	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
320	ALL	420075	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
176	ALL	420225	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
797	ALL	421375	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
866	ALL	421125	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
829	ALL	421275	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
227	ALL	420225	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
724	ALL	420125	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
854	ALL	420475	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
152	ALL	420275	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
421	ALL	419975	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
753	ALL	420175	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
544	ALL	421525	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
694	ALL	420075	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
765	ALL	421475	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
154	ALL	420425	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
867	ALL	421175	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
360	ALL	421125	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
253	ALL	420725	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
245	ALL	420175	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
900	ALL	420775	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
618	ALL	421625	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
899	ALL	420725	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
181	ALL	420475	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
272	ALL	420125	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
344	ALL	420025	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
902	ALL	420875	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
830	ALL	421325	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
621	ALL	419975	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
334	ALL	421075	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
254	ALL	420775	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
853	ALL	420425	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
671	ALL	420025	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
798	ALL	421425	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
506	ALL	419925	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
898	ALL	420675	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
394	ALL	419975	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
549	ALL	419925	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
868	ALL	421225	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
294	ALL	420075	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
486	ALL	419925	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
255	ALL	420825	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
901	ALL	420825	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
897	ALL	420575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
526	ALL	421525	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
573	ALL	419925	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
282	ALL	420925	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
568	ALL	421575	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
465	ALL	419925	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
766	ALL	421525	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
905	ALL	421025	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
128	ALL	420325	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
903	ALL	420925	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
814	ALL	420275	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
155	ALL	420475	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
904	ALL	420975	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
741	ALL	421575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
896	ALL	420525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
852	ALL	420375	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
445	ALL	419925	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
752	ALL	420125	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
869	ALL	421275	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
723	ALL	420075	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
644	ALL	419975	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
906	ALL	421075	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
319	ALL	420025	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
369	ALL	419975	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
799	ALL	421475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
831	ALL	421375	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
715	ALL	421625	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
545	ALL	421575	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
693	ALL	420025	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
244	ALL	420125	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
907	ALL	421125	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
895	ALL	420475	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
420	ALL	419925	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
271	ALL	420075	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04

870	ALL	421325	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
851	ALL	420325	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
343	ALL	419975	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
670	ALL	419975	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
936	ALL	420625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
767	ALL	421575	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
800	ALL	421525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
293	ALL	420025	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
620	ALL	419925	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
832	ALL	421425	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
569	ALL	421625	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
908	ALL	421175	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
937	ALL	420675	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
894	ALL	420425	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
527	ALL	421575	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
939	ALL	420775	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
127	ALL	420275	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
742	ALL	421625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
941	ALL	420875	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
393	ALL	419925	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
532	ALL	419875	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
505	ALL	419875	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
938	ALL	420725	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
751	ALL	420075	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
935	ALL	420575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
485	ALL	419875	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
780	ALL	420125	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
940	ALL	420825	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
944	ALL	421025	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
871	ALL	421375	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
464	ALL	419875	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
833	ALL	421475	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
850	ALL	420275	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
318	ALL	419975	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
909	ALL	421225	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
643	ALL	419925	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
546	ALL	421625	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
591	ALL	419875	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
893	ALL	420375	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
368	ALL	419925	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
934	ALL	420525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
801	ALL	421575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
444	ALL	419875	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
910	ALL	421275	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
270	ALL	420025	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
768	ALL	421625	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
942	ALL	420925	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
256	ALL	420925	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
104	ALL	420425	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
933	ALL	420475	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
834	ALL	421525	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
872	ALL	421425	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
102	ALL	420325	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
419	ALL	419875	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
943	ALL	420975	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
103	ALL	420375	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
342	ALL	419925	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
892	ALL	420325	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
669	ALL	419925	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
292	ALL	419975	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
849	ALL	420225	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
911	ALL	421325	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
779	ALL	420075	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
750	ALL	420025	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
619	ALL	419875	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
946	ALL	421125	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
979	ALL	420625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
151	ALL	420225	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
945	ALL	421075	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
932	ALL	420425	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
528	ALL	421625	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
230	ALL	420775	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
226	ALL	420075	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
105	ALL	420475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
802	ALL	421625	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
980	ALL	420675	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
722	ALL	419975	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
392	ALL	419875	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
72	ALL	420375	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
71	ALL	420325	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
978	ALL	420575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
504	ALL	419825	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
873	ALL	421475	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
548	ALL	419825	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
813	ALL	420125	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
947	ALL	421175	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
912	ALL	421375	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
484	ALL	419825	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
835	ALL	421575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
891	ALL	420275	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
463	ALL	419825	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
642	ALL	419875	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
984	ALL	420875	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
982	ALL	420775	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
231	ALL	420825	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
931	ALL	420375	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
987	ALL	421025	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
692	ALL	419925	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
981	ALL	420725	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
269	ALL	419975	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
590	ALL	419825	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
977	ALL	420525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
367	ALL	419875	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
848	ALL	420175	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
70	ALL	420275	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
46	ALL	420275	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
983	ALL	420825	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
913	ALL	421425	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
73	ALL	420425	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
948	ALL	421225	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
106	ALL	420525	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
778	ALL	420025	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
874	ALL	421525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
836	ALL	421625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
47	ALL	420325	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
976	ALL	420475	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04

45	ALL	420225	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
69	ALL	420225	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
749	ALL	419975	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
201	ALL	420075	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
668	ALL	419875	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
930	ALL	420325	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
291	ALL	419925	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
890	ALL	420225	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
418	ALL	419825	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
341	ALL	419875	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
985	ALL	420925	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
501	ALL	421625	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
986	ALL	420975	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1020	ALL	420625	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
949	ALL	421275	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
975	ALL	420425	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
150	ALL	420175	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
847	ALL	420125	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
914	ALL	421475	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1019	ALL	420575	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1021	ALL	420675	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
875	ALL	421575	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
48	ALL	420375	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
929	ALL	420275	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
691	ALL	419875	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
950	ALL	421325	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
317	ALL	419875	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
641	ALL	419825	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
988	ALL	421075	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
15	ALL	420275	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
232	ALL	420925	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
483	ALL	419775	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
268	ALL	419925	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
974	ALL	420375	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
889	ALL	420175	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
462	ALL	419775	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
812	ALL	420025	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
777	ALL	419975	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1018	ALL	420525	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
101	ALL	420275	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
589	ALL	419775	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
74	ALL	420475	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1028	ALL	421025	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
366	ALL	419825	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
876	ALL	421625	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
989	ALL	421125	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
951	ALL	421375	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
200	ALL	420025	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
990	ALL	421175	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
14	ALL	420225	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
915	ALL	421525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
16	ALL	420325	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
225	ALL	419975	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1022	ALL	420725	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1017	ALL	420475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1024	ALL	420825	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1023	ALL	420775	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
667	ALL	419825	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
928	ALL	420225	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
973	ALL	420325	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
846	ALL	420075	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
290	ALL	419875	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
952	ALL	421425	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1025	ALL	420875	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
107	ALL	420575	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
233	ALL	420975	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
991	ALL	421225	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
888	ALL	420125	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1061	ALL	420625	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1016	ALL	420425	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
12	ALL	420125	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
916	ALL	421575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1026	ALL	420925	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1027	ALL	420975	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
49	ALL	420425	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
75	ALL	420525	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
811	ALL	419975	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1062	ALL	420675	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
207	ALL	420775	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
972	ALL	420275	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
690	ALL	419825	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1060	ALL	420575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
100	ALL	420225	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
776	ALL	419925	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
267	ALL	419875	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
13	ALL	420175	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
316	ALL	419825	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
927	ALL	420175	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
199	ALL	419975	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
42	ALL	420075	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
953	ALL	421475	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
640	ALL	419775	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
11	ALL	420075	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1015	ALL	420375	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
992	ALL	421275	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
482	ALL	419725	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
917	ALL	421625	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
845	ALL	420025	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
748	ALL	419875	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1059	ALL	420525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
461	ALL	419725	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
224	ALL	419925	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
208	ALL	420825	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
365	ALL	419775	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
887	ALL	420075	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
443	ALL	419725	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
17	ALL	420375	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
971	ALL	420225	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
289	ALL	419825	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
666	ALL	419775	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
993	ALL	421325	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
44	ALL	420175	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1058	ALL	420475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1029	ALL	421075	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1014	ALL	420325	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
108	ALL	420625	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04

1031	ALL	421175	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
954	ALL	421525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
243	ALL	419875	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
99	ALL	420175	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1030	ALL	421125	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
340	ALL	419775	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
926	ALL	420125	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1064	ALL	420775	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
417	ALL	419725	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1069	ALL	421025	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1063	ALL	420725	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
810	ALL	419925	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1098	ALL	420675	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
175	ALL	419975	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1057	ALL	420425	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
994	ALL	421375	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1065	ALL	420825	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1070	ALL	421075	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
126	ALL	420075	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
775	ALL	419875	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
68	ALL	420175	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
198	ALL	419925	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
844	ALL	419975	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
689	ALL	419775	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1066	ALL	420875	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1013	ALL	420275	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
266	ALL	419825	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
955	ALL	421575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
182	ALL	420725	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1032	ALL	421225	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
970	ALL	420175	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
995	ALL	421425	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
886	ALL	420025	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1067	ALL	420925	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
639	ALL	419725	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
315	ALL	419775	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1056	ALL	420375	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1071	ALL	421125	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
503	ALL	419675	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1068	ALL	420975	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
76	ALL	420575	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
98	ALL	420075	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
996	ALL	421475	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1097	ALL	420525	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
481	ALL	419675	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
364	ALL	419725	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
588	ALL	419675	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
460	ALL	419675	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
721	ALL	419775	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1012	ALL	420225	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
209	ALL	420975	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
50	ALL	420475	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
665	ALL	419725	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
956	ALL	421625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1033	ALL	421275	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
149	ALL	419975	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
109	ALL	420675	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
442	ALL	419675	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1055	ALL	420325	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1096	ALL	420475	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
809	ALL	419875	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
174	ALL	419925	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
969	ALL	420125	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1072	ALL	421175	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
843	ALL	419925	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
156	ALL	420725	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
1099	ALL	420725	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
18	ALL	420425	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
416	ALL	419675	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
10	ALL	420025	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1095	ALL	420425	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1100	ALL	420775	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
688	ALL	419725	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1073	ALL	421225	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1011	ALL	420175	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1101	ALL	420825	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
925	ALL	420025	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
997	ALL	421525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
183	ALL	420775	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
43	ALL	420125	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1106	ALL	421075	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1034	ALL	421325	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
67	ALL	420125	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1054	ALL	420275	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1102	ALL	420875	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
41	ALL	420025	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
1094	ALL	420375	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
968	ALL	420075	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
97	ALL	420025	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
148	ALL	419925	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
1107	ALL	421125	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
531	ALL	419625	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1105	ALL	421025	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
572	ALL	419625	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1103	ALL	420925	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1132	ALL	420525	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
480	ALL	419625	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
184	ALL	420825	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1053	ALL	420225	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1104	ALL	420975	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
587	ALL	419625	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
720	ALL	419725	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1035	ALL	421375	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
842	ALL	419875	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
242	ALL	419775	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
664	ALL	419675	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
459	ALL	419625	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1010	ALL	420125	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
288	ALL	419725	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
51	ALL	420525	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
885	ALL	419925	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
998	ALL	421575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1093	ALL	420325	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1131	ALL	420475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
129	ALL	420725	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
210	ALL	421075	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04

924	ALL	419975	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1108	ALL	421175	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1037	ALL	421475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
441	ALL	419625	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
197	ALL	419825	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1133	ALL	420775	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
339	ALL	419675	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
185	ALL	420875	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
1074	ALL	421275	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
967	ALL	420025	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
39	ALL	419925	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1169	ALL	420675	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1052	ALL	420175	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1130	ALL	420425	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
265	ALL	419725	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
77	ALL	420625	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
96	ALL	419975	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1092	ALL	420275	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1036	ALL	421425	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
223	ALL	419775	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
314	ALL	419675	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
110	ALL	420725	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
1009	ALL	420075	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
1134	ALL	420825	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
999	ALL	421625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
1109	ALL	421225	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
391	ALL	419625	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
638	ALL	419625	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
52	ALL	420575	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
9	ALL	419975	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
1038	ALL	421525	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
1129	ALL	420375	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
1135	ALL	420875	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
884	ALL	419875	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
173	ALL	419825	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
841	ALL	419825	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
923	ALL	419925	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1139	ALL	421075	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1075	ALL	421325	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
530	ALL	419575	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
1091	ALL	420225	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
241	ALL	419725	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
547	ALL	419575	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
1051	ALL	420125	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
571	ALL	419575	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
287	ALL	419675	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
502	ALL	419575	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
808	ALL	419775	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
966	ALL	419975	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
479	ALL	419575	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
586	ALL	419575	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
1136	ALL	420925	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
663	ALL	419625	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
1128	ALL	420325	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
1110	ALL	421275	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1138	ALL	421025	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1140	ALL	421125	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
458	ALL	419575	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1137	ALL	420975	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
186	ALL	421025	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1168	ALL	420475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
95	ALL	419925	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1008	ALL	420025	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
19	ALL	420475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
338	ALL	419625	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
66	ALL	419975	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
774	ALL	419725	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1090	ALL	420175	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
264	ALL	419675	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
222	ALL	419725	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1167	ALL	420425	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
147	ALL	419825	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1039	ALL	421575	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1202	ALL	420675	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1127	ALL	420275	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1050	ALL	420075	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
1078	ALL	421475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
1076	ALL	421375	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
313	ALL	419625	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
883	ALL	419825	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
922	ALL	419875	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
78	ALL	420675	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
747	ALL	419675	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
172	ALL	419775	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
840	ALL	419775	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
965	ALL	419925	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1077	ALL	421425	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
637	ALL	419575	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
390	ALL	419575	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1166	ALL	420375	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1141	ALL	421175	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
1040	ALL	421625	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
1170	ALL	420875	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
1007	ALL	419975	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
1089	ALL	420125	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
240	ALL	419675	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
1126	ALL	420225	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
807	ALL	419725	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
1111	ALL	421325	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
65	ALL	419925	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
53	ALL	420625	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
286	ALL	419625	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
363	ALL	419575	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
79	ALL	420725	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1142	ALL	421225	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
111	ALL	420775	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
40	ALL	419975	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
125	ALL	419825	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1049	ALL	420025	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1165	ALL	420325	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1079	ALL	421525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
570	ALL	419525	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
719	ALL	419625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1203	ALL	420775	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1201	ALL	420475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
773	ALL	419675	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04

585	ALL	419525	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
146	ALL	419775	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
337	ALL	419575	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
1143	ALL	421275	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
1125	ALL	420175	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
157	ALL	420875	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
221	ALL	419675	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
1171	ALL	420925	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
440	ALL	419525	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
263	ALL	419625	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
882	ALL	419775	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
964	ALL	419875	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1173	ALL	421025	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1088	ALL	420075	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1200	ALL	420425	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1164	ALL	420275	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
171	ALL	419725	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
1006	ALL	419925	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
839	ALL	419725	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
415	ALL	419525	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
1172	ALL	420975	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
1174	ALL	421075	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
746	ALL	419625	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
312	ALL	419575	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
1080	ALL	421575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
687	ALL	419575	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
64	ALL	419875	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
1204	ALL	420875	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
1048	ALL	419975	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
94	ALL	419825	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
1199	ALL	420375	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
389	ALL	419525	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
806	ALL	419675	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
20	ALL	420525	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
1112	ALL	421375	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
187	ALL	421125	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
1124	ALL	420125	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
1163	ALL	420225	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
239	ALL	419625	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
124	ALL	419775	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
1081	ALL	421625	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
1113	ALL	421425	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
1175	ALL	421125	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
1087	ALL	420025	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
285	ALL	419575	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
362	ALL	419525	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
1198	ALL	420325	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
718	ALL	419575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
963	ALL	419825	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
772	ALL	419625	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
145	ALL	419725	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
80	ALL	420775	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
529	ALL	419475	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1205	ALL	420925	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
478	ALL	419475	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
881	ALL	419725	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1005	ALL	419875	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1162	ALL	420175	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
8	ALL	419925	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
336	ALL	419525	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
1114	ALL	421475	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
1123	ALL	420075	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
262	ALL	419575	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
220	ALL	419625	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
1047	ALL	419925	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
1197	ALL	420275	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
38	ALL	419875	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
439	ALL	419475	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
1176	ALL	421175	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
170	ALL	419675	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
93	ALL	419775	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
745	ALL	419575	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
1086	ALL	419975	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
414	ALL	419475	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
158	ALL	421075	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
686	ALL	419525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
311	ALL	419525	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
805	ALL	419625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1115	ALL	421525	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
21	ALL	420575	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
123	ALL	419725	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1161	ALL	420125	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
112	ALL	420825	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1196	ALL	420225	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
238	ALL	419575	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
388	ALL	419475	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
962	ALL	419775	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
1116	ALL	421575	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
196	ALL	419625	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
1117	ALL	421625	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
1122	ALL	420025	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1004	ALL	419825	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
144	ALL	419675	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1046	ALL	419875	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
880	ALL	419675	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
284	ALL	419525	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
771	ALL	419575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
717	ALL	419525	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1206	ALL	420975	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
361	ALL	419475	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1207	ALL	421025	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
63	ALL	419775	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1195	ALL	420175	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1085	ALL	419925	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1160	ALL	420075	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
188	ALL	421175	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
1144	ALL	421425	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
92	ALL	419725	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
219	ALL	419575	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
335	ALL	419475	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
54	ALL	420675	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
169	ALL	419625	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
130	ALL	420925	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
1121	ALL	419975	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
261	ALL	419525	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
744	ALL	419525	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04

122	ALL	419675	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
804	ALL	419575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
961	ALL	419725	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1003	ALL	419775	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1194	ALL	420125	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
131	ALL	420975	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
685	ALL	419475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1045	ALL	419825	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
22	ALL	420625	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
310	ALL	419475	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
921	ALL	419675	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1159	ALL	420025	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1145	ALL	421475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
1084	ALL	419875	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
195	ALL	419575	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
143	ALL	419625	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
37	ALL	419775	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
237	ALL	419525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
879	ALL	419625	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
1148	ALL	421625	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
62	ALL	419725	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
1146	ALL	421525	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
770	ALL	419525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
1120	ALL	419925	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
81	ALL	420825	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
283	ALL	419475	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
716	ALL	419475	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
1147	ALL	421575	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
1193	ALL	420075	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
91	ALL	419675	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
838	ALL	419575	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
159	ALL	421175	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
168	ALL	419575	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
1158	ALL	419975	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
218	ALL	419525	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
1002	ALL	419725	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
1044	ALL	419775	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
960	ALL	419675	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
121	ALL	419625	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
260	ALL	419475	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
1083	ALL	419825	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
743	ALL	419475	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
803	ALL	419525	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
920	ALL	419625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
7	ALL	419775	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
1208	ALL	421175	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
1181	ALL	421625	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
36	ALL	419725	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
1119	ALL	419875	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
1192	ALL	420025	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
194	ALL	419525	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
1177	ALL	421425	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
878	ALL	419575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
142	ALL	419575	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
257	ALL	421525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
1157	ALL	419925	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
236	ALL	419475	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
90	ALL	419625	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
132	ALL	421125	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1178	ALL	421475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
769	ALL	419475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
837	ALL	419525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1082	ALL	419775	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1001	ALL	419675	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1179	ALL	421525	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1191	ALL	419975	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
167	ALL	419525	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1180	ALL	421575	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
959	ALL	419625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
113	ALL	420925	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
217	ALL	419475	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
6	ALL	419725	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
160	ALL	421225	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
23	ALL	420675	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
919	ALL	419575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1156	ALL	419875	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
211	ALL	421325	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
35	ALL	419675	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
1213	ALL	421625	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
877	ALL	419525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
1190	ALL	419925	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
1212	ALL	421575	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
258	ALL	421575	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
133	ALL	421175	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
1209	ALL	421425	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
1155	ALL	419825	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
958	ALL	419575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
24	ALL	420725	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1210	ALL	421475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
5	ALL	419675	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
212	ALL	421375	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
918	ALL	419525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1211	ALL	421525	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
1189	ALL	419875	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
1154	ALL	419775	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
213	ALL	421425	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
134	ALL	421225	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
114	ALL	421125	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
957	ALL	419525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
82	ALL	420925	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
259	ALL	421625	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
1188	ALL	419825	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
25	ALL	420775	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
189	ALL	421325	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
4	ALL	419625	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
26	ALL	420825	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1043	ALL	419575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
55	ALL	420875	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
34	ALL	419575	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1153	ALL	419725	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
234	ALL	421575	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
61	ALL	419525	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1187	ALL	419775	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
115	ALL	421175	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
214	ALL	421475	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
89	ALL	419475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04

190	ALL	421375	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3	ALL	419575	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
135	ALL	421275	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
1042	ALL	419525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
1152	ALL	419675	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
33	ALL	419525	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
1000	ALL	419475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
1186	ALL	419725	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
235	ALL	421625	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
60	ALL	419475	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
116	ALL	421225	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
191	ALL	421425	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
2	ALL	419525	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
1151	ALL	419625	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
1041	ALL	419475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
1185	ALL	419675	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
32	ALL	419475	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
215	ALL	421575	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
136	ALL	421325	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
161	ALL	421375	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
83	ALL	421175	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
1	ALL	419475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
1184	ALL	419625	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
117	ALL	421275	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
216	ALL	421625	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
162	ALL	421425	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05
1150	ALL	419525	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
1118	ALL	419475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
84	ALL	421225	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
192	ALL	421575	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05
118	ALL	421325	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05
163	ALL	421475	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05
1149	ALL	419475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05
1183	ALL	419525	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05
85	ALL	421275	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
56	ALL	421175	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
193	ALL	421625	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
164	ALL	421525	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
137	ALL	421425	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
1182	ALL	419475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
119	ALL	421375	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
57	ALL	421225	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
165	ALL	421575	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
27	ALL	421025	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
138	ALL	421475	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
86	ALL	421325	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
58	ALL	421275	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05
166	ALL	421625	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05
139	ALL	421525	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
87	ALL	421375	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
28	ALL	421225	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
140	ALL	421575	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
120	ALL	421475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
59	ALL	421325	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05
88	ALL	421425	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
141	ALL	421625	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05
29	ALL	421275	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05
30	ALL	421425	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05
31	ALL	421475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05

HARP Project Summary Report 10/9/2019 11:31:15 AM

PROJECT INFORMATION
HARP Version: 19121
Project Name: COVINA_KAISER_MOB
Project Output Directory: C:\Users\mmorales\Dropbox\8817.10 Covina Kaiser MOB_AQ Data\HRA\COVINA_KAISER_MOB
HARP Database: NA

EMISSION INVENTORY
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev	Multi	Annual Ems (lbs/yr)	MaxHr Ems (lbs/hr)	MWAF
SLINE1	0	0	9901	DieselExhPM	1	42.704	0.02	1

Background

PolID	PolAbbrev	Conc (ug/m^3)	MWAF

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH19252
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
9901	DieselExhPM	1.1		5			

AIR DISPERSION MODELING INFORMATION
Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:
Surface File:
Profile File:
Surface Station:

Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list

_____

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)

_____
Mit_OEHHA_CancerRisk.csv
Mit_OEHHA_CancerRiskSumByRec.csv
Mit_OEHHA_GLCList.csv
Mit_OEHHA_HRAInput.hra
Mit_OEHHA_NCAcuteRisk.csv
Mit_OEHHA_NCAcuteRiskSumByRec.csv
Mit_OEHHA_NCChronicRisk.csv
Mit_OEHHA_NCChronicRiskSumByRec.csv
Mit_OEHHA_Output.txt
Mit_OEHHA_PathwayRec.csv
Mit_OEHHA_PolDB.csv
Unmit_OEHHA_CancerRisk.csv
Unmit_OEHHA_CancerRiskSumByRec.csv
Unmit_OEHHA_GLCList.csv
Unmit_OEHHA_HRAInput.hra
Unmit_OEHHA_NCAcuteRisk.csv
Unmit_OEHHA_NCAcuteRiskSumByRec.csv
Unmit_OEHHA_NCChronicRisk.csv
Unmit_OEHHA_NCChronicRiskSumByRec.csv
Unmit_OEHHA_Output.txt
Unmit_OEHHA_PathwayRec.csv
Unmit_OEHHA_PolDB.csv

Spatial averaging files (\sa\)

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Covina Kaiser MOB - Construction Health Risk Assessment - Cancer Risk, Mitigated Scenario
*HARP - HRACalc v19044 10/9/2019 11:29:36 AM - Cancer Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
495	ALL		420725	3770125	7.07E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		420725	3770175	5.36E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL		420675	3770275	4.31E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		420525	3770175	3.32E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		420725	3770275	2.57E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL		420775	3770175	2.43E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL		420625	3770325	2.34E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL		420775	3770125	2.34E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL		420575	3770325	2.25E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL		420825	3770175	1.38E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL		420540.8	3770341	1.35E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL		420475	3770275	1.34E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		420825	3770125	1.19E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		420825	3770275	1.12E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		420625	3770375	1.06E-06	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL		420607.9	3770000	9.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL		420575	3770375	9.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL		420558	3770024	9.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL		420875	3770225	8.72E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		420875	3770275	7.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL		420525	3770025	7.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		420675	3769975	7.83E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		420625	3769975	7.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL		420475	3770075	7.71E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL		420517.1	3770377	7.38E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL		420425	3770275	6.87E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		420725	3769975	6.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		420575	3769975	6.54E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL		420925	3770225	5.90E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL		420925	3770175	5.64E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL		420475	3770025	5.58E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL		420425	3770325	5.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL		420875	3770075	5.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		420525	3769975	5.21E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL		420425	3770075	5.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		420775	3769975	4.73E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL		420925	3770325	4.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		420625	3769925	4.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		420675	3769925	4.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL		420575	3769925	4.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		420475	3769975	4.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		420425	3770375	4.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		420725	3769925	4.01E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		420425	3770025	4.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		420975	3770275	3.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL		420975	3770175	3.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		420525	3769925	3.62E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL		420375	3770075	3.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		420975	3770125	3.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		420825	3769975	3.45E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL		420825	3770475	3.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		420425	3769975	3.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL		421025	3770225	3.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL		420425	3770425	3.03E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL		420625	3769875	3.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		420475	3769925	2.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		421025	3770275	2.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL		420875	3770475	2.97E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL		420375	3770375	2.93E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		420375	3770025	2.92E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		420575	3769875	2.88E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL		420975	3770375	2.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL		421025	3770175	2.84E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL		420675	3769875	2.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		420325	3770125	2.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL		420925	3770475	2.70E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL		420675	3770525	2.67E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		420525	3769875	2.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL		420325	3770075	2.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		420425	3769925	2.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL		421075	3770225	2.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		420375	3769975	2.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		421075	3770275	2.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL		421025	3770375	2.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL		420375	3770425	2.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL		420725	3769875	2.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL		420525	3770525	2.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL		420425	3770475	2.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		420475	3769875	2.28E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL		421075	3770175	2.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL		420325	3770375	2.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		420325	3770025	2.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL		420925	3770525	2.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL		420775	3769875	2.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		420275	3770175	2.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		420575	3769825	2.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL		420475	3770525	2.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL		421075	3770375	2.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		421125	3770275	2.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		420275	3770125	1.99E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		421125	3770225	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		420375	3769925	1.98E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		420425	3769875	1.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		420525	3769825	1.94E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL		420975	3770525	1.91E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL		420375	3770475	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL		420325	3769975	1.89E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL		420275	3770075	1.86E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		420675	3769825	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		421125	3770175	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL		420325	3770425	1.85E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL		420425	3770525	1.78E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL		421075	3770475	1.77E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		420475	3769825	1.75E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL		421125	3770375	1.74E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL		420275	3770025	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL		420275	3770375	1.68E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL		421025	3770525	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL		421175	3770275	1.65E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

377	ALL	420375	3769875	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	421125	3770125	1.63E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	420325	3769925	1.61E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	421175	3770225	1.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	421175	3770325	1.60E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	420475	3769775	1.59E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	420975	3770575	1.57E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	420225	3770225	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	420425	3769825	1.56E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	420225	3770175	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	420525	3769775	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	420325	3770475	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	420575	3769775	1.55E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	420375	3770525	1.52E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	421075	3770525	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	420225	3770125	1.51E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	420675	3770625	1.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	420725	3770625	1.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	420725	3769825	1.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	421175	3770175	1.50E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	420275	3769975	1.49E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	421175	3770375	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	420775	3770625	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	420625	3770625	1.48E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	420275	3770425	1.47E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	421025	3770575	1.44E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	420575	3770625	1.43E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	420425	3769775	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	420225	3770075	1.42E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	420425	3770575	1.41E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	420775	3769825	1.40E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	420325	3769875	1.37E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	421225	3770275	1.36E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	420375	3769825	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	420525	3770625	1.35E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	421225	3770325	1.34E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	421075	3770575	1.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	420225	3770025	1.32E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	421225	3770225	1.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	420275	3769925	1.31E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	421175	3770125	1.30E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	420325	3770525	1.29E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	420475	3769725	1.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	420275	3770475	1.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	421225	3770375	1.27E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	420525	3769725	1.26E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	420475	3770625	1.25E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	420375	3770575	1.24E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	420675	3769775	1.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	421225	3770175	1.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	420225	3769975	1.20E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	420225	3770425	1.19E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	420175	3770125	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	420725	3770675	1.18E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	420675	3770675	1.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	420325	3769825	1.17E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	420625	3770675	1.16E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	420275	3769875	1.15E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	421075	3770625	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	420425	3770625	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	420575	3769725	1.14E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	420575	3770675	1.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	420375	3769775	1.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	420175	3770075	1.13E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	420275	3770525	1.10E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	421275	3770375	1.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	420225	3769925	1.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	420325	3770575	1.08E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	420475	3769675	1.07E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	420175	3770025	1.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	420225	3770475	1.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	420425	3769725	1.06E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	420975	3770675	1.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	420725	3769775	1.05E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	420775	3769775	1.04E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	420375	3770625	1.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	421025	3770675	1.02E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	420275	3769825	1.00E-07	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	420325	3769775	9.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	420175	3769975	9.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	420175	3770425	9.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	421025	3769925	9.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	420525	3769675	9.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	420225	3769875	9.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	421175	3770625	9.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	420625	3769725	9.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	420775	3770725	9.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	421075	3770675	9.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	420125	3770125	9.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	420375	3769725	9.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	420675	3770725	9.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	420275	3770575	9.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	420425	3770675	9.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	420725	3770725	9.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	421325	3770375	9.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	420225	3770525	9.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	420125	3770075	9.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	421325	3770475	9.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	420325	3770625	9.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	420425	3769675	9.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	420175	3769925	9.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	421225	3770625	9.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	420375	3769675	8.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	420475	3769625	8.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	420175	3770475	8.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	420425	3769625	8.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	420125	3770025	8.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	420275	3769775	8.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	420375	3769625	8.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	420675	3769725	8.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	420225	3769825	8.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	420725	3769725	8.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	420375	3770675	8.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

411	ALL	421075	3769925	8.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	420325	3769625	8.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	421375	3770475	8.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	421275	3770625	8.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	420775	3769725	8.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	420575	3769675	8.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	420975	3770725	8.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	420175	3769875	8.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	420125	3769975	8.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	420125	3770425	8.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	420225	3770575	8.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	421375	3770375	8.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	420275	3770625	8.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	421375	3770325	8.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	421025	3770725	8.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	420175	3770525	8.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	421375	3770275	7.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	420075	3770175	7.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	420725	3770775	7.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	420825	3770775	7.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	420775	3770775	7.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	420075	3770125	7.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	421075	3770725	7.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	420325	3770675	7.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	421375	3770575	7.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	420575	3770775	7.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	420225	3769775	7.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	420275	3769725	7.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	420075	3770075	7.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	420125	3769925	7.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	420125	3770475	7.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	420325	3769575	7.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	420175	3769825	7.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	421375	3770225	7.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	420525	3770775	7.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	421125	3769925	7.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	420075	3770025	7.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	420525	3769625	7.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	420625	3769675	7.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	421425	3770525	7.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	420225	3770625	7.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	420175	3770575	7.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	421425	3770375	7.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	421025	3770775	7.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	421075	3769875	7.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	420475	3770775	7.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	420125	3769875	7.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	421425	3770325	7.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	420275	3770675	7.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	420275	3769575	7.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	421375	3770175	6.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	420075	3769975	6.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	420125	3770525	6.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	420675	3769675	6.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	421325	3770675	6.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	420225	3769725	6.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	421425	3770275	6.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	421225	3770725	6.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	421075	3770775	6.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	420675	3770825	6.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	420175	3769775	6.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	420725	3770825	6.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	420275	3769675	6.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	420025	3770175	6.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	420425	3770775	6.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	420625	3770825	6.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	421475	3770425	6.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	420325	3769525	6.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	420875	3770825	6.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	420025	3770275	6.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	421475	3770475	6.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	420825	3770825	6.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	420025	3770125	6.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	420275	3769625	6.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	420775	3770825	6.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	420075	3769925	6.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	420575	3770825	6.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	420875	3769725	6.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	420925	3770825	6.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	421425	3770225	6.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	420125	3769825	6.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	421275	3770725	6.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	420725	3769675	6.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	420025	3770325	6.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	421475	3770375	6.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	420025	3770075	6.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	421475	3770575	6.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	420275	3769525	6.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	420975	3770825	6.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	420175	3770625	6.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	421375	3770675	6.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	421175	3769925	6.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	421125	3770775	6.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	420225	3770675	6.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	420125	3770575	6.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	420375	3769525	6.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	421475	3770325	6.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	420025	3770025	6.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	420375	3770775	6.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	421025	3770825	6.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	421525	3770525	6.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	421125	3769875	6.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	421325	3770725	6.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	420075	3769875	6.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	420175	3769725	6.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	421425	3770175	6.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	421475	3770625	6.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	421175	3770775	6.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	421475	3770275	6.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	421425	3770675	5.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	421075	3770825	5.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	420325	3769475	5.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	420425	3769525	5.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

359	ALL	421075	3769825	5.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	420125	3769775	5.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	420025	3769975	5.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	421125	3770825	5.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	420725	3770875	5.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	421375	3770725	5.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	420675	3770875	5.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	420325	3770775	5.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	420275	3769475	5.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	421475	3770225	5.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	420175	3770675	5.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	421225	3770775	5.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	420625	3770875	5.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	420125	3770625	5.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	420875	3770875	5.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	421275	3770775	5.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	419975	3770175	5.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	420075	3769825	5.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	421175	3770825	5.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	420775	3770875	5.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	421575	3770525	5.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	420025	3769925	5.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	420025	3770475	5.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	419975	3770275	5.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	420475	3769525	5.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	419975	3770125	5.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	420825	3770875	5.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	420925	3770875	5.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	419975	3770325	5.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	420375	3769475	5.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	420075	3770575	5.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	420975	3770875	5.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	419975	3770075	5.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	421575	3770425	5.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	421325	3770775	5.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	421525	3770625	5.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	420125	3769725	5.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	421025	3770875	5.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	421425	3770725	5.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	421225	3770825	5.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	421475	3770175	5.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	420425	3769475	5.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	419975	3770025	5.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	420325	3769425	5.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	420525	3770875	5.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	420975	3769725	5.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	421525	3770275	5.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	421075	3770875	5.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	420025	3769875	5.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	420025	3770525	5.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	420675	3769625	5.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	420075	3769775	5.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	420225	3769475	5.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	421375	3770775	5.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	421125	3770875	5.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	421275	3770825	5.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	420225	3769575	5.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	420125	3770675	5.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	420475	3770875	5.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	420275	3769425	5.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	419975	3769975	5.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	420175	3770725	5.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	421525	3770225	5.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	420075	3770625	5.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	421475	3770725	5.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	420425	3769425	5.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	421175	3770875	5.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	421125	3769825	5.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	420725	3769625	5.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	420175	3769625	5.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	420775	3770925	5.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	421625	3770425	4.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	420725	3770925	4.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	420475	3769475	4.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	420125	3769675	4.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	420025	3769825	4.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	420875	3770925	4.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	421325	3770825	4.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	419975	3770475	4.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	421075	3769775	4.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	420775	3769625	4.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	420425	3770875	4.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	420025	3770575	4.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	421425	3770775	4.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	419925	3770175	4.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	420675	3770925	4.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	419975	3769925	4.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	419925	3770275	4.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	421225	3770875	4.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	420075	3769725	4.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	419925	3770125	4.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	420825	3769625	4.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	420825	3770925	4.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	420575	3770925	4.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	421525	3770175	4.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	419925	3770325	4.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	420925	3769675	4.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	421575	3770275	4.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	419925	3770075	4.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	421525	3770725	4.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	421025	3770925	4.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	420325	3769375	4.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	420925	3770925	4.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	420275	3770825	4.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	420475	3769425	4.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	420975	3770925	4.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	421575	3770675	4.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	420525	3770925	4.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	420375	3770875	4.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	419925	3770025	4.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	420125	3770725	4.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	421275	3770875	4.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	420075	3770675	4.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

644	ALL	419975	3770525	4.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	421075	3770925	4.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	420025	3769775	4.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	419975	3769875	4.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	421475	3770775	4.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	421375	3770825	4.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	421625	3770625	4.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	421575	3770225	4.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	420025	3770625	4.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	420125	3769625	4.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	421125	3770925	4.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	420475	3770925	4.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	419925	3769975	4.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	420075	3769675	4.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	421325	3770875	4.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	420325	3770875	4.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	419975	3769825	4.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	419975	3770575	4.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	420625	3770975	4.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	421575	3770725	4.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	421525	3770775	4.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	420025	3769725	4.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	419925	3770475	4.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	421425	3770825	4.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	421625	3770275	4.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	421175	3770925	4.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	420675	3770975	4.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	420425	3770925	4.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	421575	3770175	4.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	420775	3770975	4.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	420275	3769375	4.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	421625	3770675	4.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	420875	3770975	4.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	419925	3769925	4.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	419875	3770225	4.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	419875	3770175	4.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	420725	3770975	4.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	420075	3770725	4.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	420575	3770975	4.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	419875	3770125	4.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	420125	3770775	4.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	420825	3770975	4.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	421025	3770975	4.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	421375	3770875	4.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	419875	3770075	4.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	421475	3770825	4.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	420275	3770875	4.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	419975	3769775	4.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	421225	3770925	4.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	419925	3770525	4.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	421625	3770225	4.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	419875	3770375	4.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	420375	3770925	4.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	419925	3769875	4.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	420525	3770975	4.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	421575	3770775	4.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	419875	3770025	4.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	421275	3770925	4.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	420025	3769675	4.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	421625	3770725	4.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	420925	3770975	4.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	420925	3769625	4.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	420425	3769325	4.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	420475	3770975	4.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	421525	3770825	4.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	421425	3770875	3.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	420325	3769325	3.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	419875	3769975	3.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	420975	3770975	3.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	420375	3769325	3.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	419925	3769825	3.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	420325	3770925	3.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	419925	3770575	3.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	419975	3769725	3.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	420225	3770875	3.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	421325	3770925	3.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	420075	3770775	3.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	420025	3770725	3.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	419875	3770475	3.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	421125	3770975	3.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	420625	3771025	3.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	420225	3769425	3.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	421075	3770975	3.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	420425	3770975	3.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	421625	3770175	3.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	420775	3769575	3.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	420075	3769575	3.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	420475	3769325	3.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	421625	3770775	3.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	420675	3771025	3.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	419975	3770675	3.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	419875	3769925	3.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	420375	3769275	3.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	420325	3769275	3.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	420575	3771025	3.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	419825	3770175	3.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	421475	3770875	3.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	419825	3770275	3.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	420125	3770825	3.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	421175	3770975	3.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	421375	3770925	3.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	419825	3770125	3.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	421575	3770825	3.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	420275	3770925	3.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	419825	3770075	3.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	419875	3770525	3.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	420875	3771025	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	420775	3771025	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	420825	3769575	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	420375	3770975	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	421025	3771025	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	419925	3770625	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	420725	3771025	3.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

269	ALL	419975	3769675	3.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	419825	3770375	3.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	420525	3771025	3.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	419875	3769875	3.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	420175	3770875	3.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	420275	3769275	3.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	420275	3769225	3.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	420825	3771025	3.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	421425	3770925	3.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	420425	3769275	3.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	421225	3770975	3.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	420525	3769325	3.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	420025	3770775	3.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	421525	3770875	3.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	421625	3770825	3.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	420325	3769225	3.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	420475	3771025	3.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	420225	3769225	3.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	420225	3769275	3.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	419975	3770725	3.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	420075	3769525	3.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	419875	3770575	3.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	420325	3770975	3.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	419925	3769725	3.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	420225	3770925	3.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	419825	3769975	3.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	419875	3769825	3.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	420925	3771025	3.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	421625	3770125	3.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	420975	3771025	3.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	420625	3771075	3.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	421275	3770975	3.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	420425	3771025	3.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	420175	3769425	3.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	420125	3770875	3.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	421475	3770925	3.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	420575	3771075	3.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	420675	3771075	3.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	421575	3770875	3.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	420375	3769225	3.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	420275	3770975	3.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	419875	3770625	3.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	421325	3770975	3.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	419875	3769775	3.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	419825	3770525	3.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	421075	3771025	3.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	420275	3769175	3.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	420925	3769575	3.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	419775	3770125	3.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	419925	3769675	3.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	420375	3771025	3.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	420175	3770925	3.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	419775	3770075	3.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	420025	3770825	3.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	419975	3770775	3.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	420525	3771075	3.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	420275	3769325	3.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	419775	3770375	3.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	420475	3769275	3.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	421025	3771075	3.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	419825	3769875	3.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	421625	3770875	3.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	421125	3771025	3.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	421375	3770975	3.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	420025	3769525	3.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	421175	3771025	3.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	420225	3769175	3.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	421525	3770925	3.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	420325	3769175	3.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	419975	3769575	3.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	420725	3771075	3.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	420475	3771075	3.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	420825	3771075	3.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	420775	3771075	3.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	419825	3770575	3.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	420225	3770975	3.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	420325	3771025	3.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	420075	3770875	3.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	419875	3769725	3.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	421425	3770975	3.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	420875	3771075	3.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	420575	3769325	3.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	420975	3769575	3.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	421225	3771025	3.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	420125	3770925	3.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	420625	3771125	3.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	420425	3771075	3.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	420125	3769175	3.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	421575	3770925	3.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	420925	3771075	3.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	420975	3771075	3.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	420425	3769225	3.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	420525	3769275	3.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	419975	3770825	3.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	420675	3771125	3.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	420775	3769525	3.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	420275	3771025	3.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	419825	3770625	3.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	420575	3771125	3.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	420225	3769325	3.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	419925	3770775	3.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	419875	3769675	3.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	420175	3769175	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	419825	3769775	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	420175	3770975	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	419975	3769525	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	420075	3769225	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	421475	3770975	3.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	419775	3770525	3.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	420075	3769175	3.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	420375	3771075	3.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	421275	3771025	3.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	419725	3770125	3.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

917	ALL	421625	3770925	3.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	420025	3770875	3.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	419875	3770725	3.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	420525	3771125	3.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	419725	3770075	3.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	419925	3769575	3.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	420825	3769525	3.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	419775	3769875	3.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	420075	3770925	2.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	419725	3770025	2.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	420375	3769175	2.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	420225	3771025	2.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	419825	3769725	2.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	419775	3770575	2.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	421325	3771025	2.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	420175	3769225	2.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	420475	3771125	2.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	421075	3771075	2.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	420325	3771075	2.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	420625	3769325	2.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	421175	3771075	2.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	421525	3770975	2.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	419875	3769625	2.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	420175	3769325	2.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	421125	3771075	2.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	419775	3769825	2.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	420125	3770975	2.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	420775	3771125	2.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	419725	3769975	2.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	421025	3771125	2.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	420725	3771125	2.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	419925	3770825	2.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	420675	3771175	2.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	419975	3769475	2.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	420425	3771125	2.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	421375	3771025	2.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	420825	3771125	2.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	421075	3771125	2.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	420075	3769375	2.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	419875	3770775	2.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	420175	3769275	2.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	419925	3769525	2.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	419975	3770875	2.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	419775	3770625	2.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	420875	3771125	2.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	420275	3771075	2.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	419825	3769675	2.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	421575	3770975	2.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	420725	3769475	2.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	421225	3771075	2.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	420175	3771025	2.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	421425	3771025	2.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	420025	3770925	2.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	420925	3771125	2.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	419725	3770525	2.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	419775	3769775	2.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	420375	3771125	2.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	421125	3771125	2.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	419675	3770175	2.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	420975	3771125	2.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	420575	3769275	2.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	420075	3769325	2.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	421475	3771025	2.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	420525	3771175	2.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	419675	3770125	2.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	419725	3769875	2.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	419675	3770375	2.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	419675	3770075	2.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	419775	3770675	2.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	420225	3771075	2.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	420975	3769525	2.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	420475	3769225	2.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	419725	3770575	2.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	421625	3770975	2.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	421275	3771075	2.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	419975	3769425	2.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	420675	3769325	2.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	419675	3770025	2.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	420325	3771125	2.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	420475	3771175	2.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	419875	3770825	2.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	419925	3769475	2.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	420125	3771025	2.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	421175	3771125	2.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	419925	3770875	2.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	420725	3769425	2.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	420725	3771175	2.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	420425	3769175	2.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	419675	3769975	2.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	420025	3769175	2.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	420425	3771175	2.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	420775	3771175	2.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	419725	3770625	2.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	421225	3771125	2.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	420175	3771075	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	420825	3771175	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	420025	3770975	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	421525	3771025	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	420775	3769475	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	420125	3769225	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	421075	3771175	2.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	421325	3771075	2.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	420125	3769275	2.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	420275	3771125	2.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	420875	3771175	2.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	420025	3769225	2.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	420375	3771175	2.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	420075	3771025	2.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	420025	3769325	2.57E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	419925	3769425	2.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	421125	3771175	2.56E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	419625	3770225	2.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	421025	3771175	2.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

572	ALL	419625	3770325	2.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	420925	3771175	2.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	420525	3771225	2.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	419625	3770125	2.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	420825	3769475	2.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	420225	3771125	2.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	420975	3771175	2.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	419625	3770375	2.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	419725	3770675	2.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	421375	3771075	2.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	419875	3770875	2.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	419775	3769625	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	419675	3770575	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	419625	3770075	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	420125	3771075	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	419725	3769725	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	420525	3769225	2.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	419925	3770925	2.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	421575	3771025	2.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	420325	3771175	2.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	420475	3771225	2.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	420725	3769375	2.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	421075	3769525	2.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	419975	3770975	2.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	421175	3771175	2.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	421475	3771075	2.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	419625	3770025	2.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	419825	3769525	2.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	420775	3771225	2.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	419675	3769825	2.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	420875	3769475	2.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	421275	3771125	2.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	420025	3771025	2.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	419925	3769225	2.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	420675	3771275	2.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	420175	3771125	2.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	420425	3771225	2.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	419725	3769675	2.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	420625	3769275	2.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	419975	3769325	2.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	420275	3771175	2.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	421425	3771075	2.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	419775	3769575	2.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	419675	3769775	2.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	420725	3769325	2.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	420075	3771075	2.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	420825	3771225	2.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	421625	3771025	2.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	421225	3771175	2.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	419625	3769925	2.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	419625	3770525	2.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	420575	3769225	2.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	419975	3769175	2.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	421525	3771075	2.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	420375	3771225	2.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	420875	3771225	2.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	419875	3770925	2.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	419825	3769475	2.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	419825	3770875	2.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	419925	3770975	2.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	421075	3771225	2.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	421325	3771125	2.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	419575	3770225	2.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	420225	3771175	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	419725	3769625	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	419575	3770275	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	420125	3771125	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	419575	3770325	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	419675	3769725	2.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	419575	3770175	2.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	419775	3770825	2.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	419975	3771025	2.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	419575	3770125	2.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	419575	3770375	2.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	420925	3771225	2.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	419625	3770575	2.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	420325	3771225	2.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	421275	3771175	2.32E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	421025	3771225	2.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	421125	3771225	2.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	419575	3770075	2.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	420975	3771225	2.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	421025	3769475	2.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	420475	3771275	2.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	419925	3769325	2.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	420025	3771075	2.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	420475	3769175	2.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	419625	3769825	2.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	419975	3769275	2.29E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	419725	3770775	2.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	420175	3771175	2.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	419675	3769675	2.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	419725	3769575	2.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	420425	3771275	2.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	419825	3769425	2.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	421575	3771075	2.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	420675	3771325	2.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	420275	3771225	2.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	420075	3771125	2.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	421475	3771125	2.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	421375	3771125	2.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	419625	3769775	2.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	419825	3770925	2.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	419875	3770975	2.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	420675	3769275	2.23E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	419675	3770725	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	419775	3769475	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	419775	3770875	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	419925	3771025	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	421425	3771125	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	419575	3770525	2.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	419575	3769925	2.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	420375	3771275	2.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1141	ALL	421175	3771225	2.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	421625	3771075	2.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	420875	3771275	2.20E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	419975	3771075	2.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	420125	3771175	2.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	419675	3769625	2.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	420225	3771225	2.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	419725	3770825	2.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	421325	3771175	2.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	419925	3769275	2.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	420625	3769225	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	419625	3769725	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	419575	3769875	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	420725	3769275	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	421225	3771225	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	420775	3769325	2.17E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	419975	3769225	2.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	419825	3769375	2.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	420025	3771125	2.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	420325	3771275	2.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	421525	3771125	2.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	419525	3770325	2.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	419625	3770675	2.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	420775	3771325	2.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	420475	3771325	2.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	419675	3770775	2.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	419525	3770375	2.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	419775	3769425	2.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	419575	3769825	2.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	421275	3771225	2.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	420175	3771225	2.13E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	420875	3769425	2.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	419675	3769575	2.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	420925	3771275	2.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	419525	3770025	2.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	419625	3769675	2.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	419775	3770925	2.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	419875	3771025	2.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	421025	3771275	2.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	420075	3771175	2.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	420425	3771325	2.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	420275	3771275	2.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	419725	3769475	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	419925	3771075	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	419725	3770875	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	419525	3769975	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	420975	3771275	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	421075	3771275	2.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	419625	3770725	2.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	419575	3769775	2.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	421575	3771125	2.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	419575	3770625	2.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	419875	3769275	2.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	420875	3771325	2.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	419975	3771125	2.07E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	419825	3769325	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	420375	3771325	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	419525	3769925	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	419675	3770825	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	420525	3769175	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	421375	3771175	2.06E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	421125	3769475	2.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	420125	3771225	2.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	420225	3771275	2.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	419625	3769625	2.05E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	419775	3769375	2.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	421625	3771125	2.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	421425	3771175	2.04E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	421125	3771275	2.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	420025	3771175	2.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	419575	3769725	2.03E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	419525	3769875	2.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	420325	3771325	2.02E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	419575	3770675	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	419825	3771025	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	419625	3770775	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	419725	3769425	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	420775	3769275	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	419475	3770225	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	420925	3771325	2.01E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	419475	3770125	2.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	419725	3770925	2.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	419875	3771075	2.00E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	420175	3771275	1.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	419925	3769175	1.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	419525	3769825	1.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	421475	3771175	1.99E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	420075	3771225	1.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	419575	3769675	1.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	419625	3769575	1.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	419925	3771125	1.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	420275	3771325	1.98E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	419875	3769225	1.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	419475	3770025	1.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	421175	3771275	1.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	419675	3769475	1.97E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	419775	3769325	1.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	419575	3770725	1.96E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	419975	3771175	1.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	419475	3769975	1.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	421075	3769425	1.95E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	419525	3770625	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	419525	3769775	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	419625	3770825	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	421525	3771175	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	420575	3769175	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	419725	3769375	1.94E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	420125	3771275	1.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	420825	3769325	1.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	420225	3771325	1.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	419575	3769625	1.93E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	419475	3769925	1.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	419775	3771025	1.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1116	ALL	421575	3771175	1.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	419625	3769525	1.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	421625	3771175	1.92E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	420025	3771225	1.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	419825	3771075	1.91E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	419675	3769425	1.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	419875	3771125	1.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	419675	3770925	1.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	419525	3769725	1.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	419575	3770775	1.90E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	419525	3770675	1.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	420975	3771325	1.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	419475	3769875	1.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	421025	3771325	1.89E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	419775	3769275	1.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	420175	3771325	1.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	419925	3771175	1.88E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	420075	3771275	1.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	421175	3769475	1.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	421425	3771225	1.87E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	419725	3769325	1.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	419575	3769575	1.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	419475	3769825	1.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	420675	3769225	1.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	419625	3769475	1.86E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	420925	3769375	1.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	419975	3771225	1.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	419525	3769675	1.85E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	419525	3770725	1.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	419675	3769375	1.84E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	419575	3770825	1.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	419725	3771025	1.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	419775	3771075	1.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	420125	3771325	1.83E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	420975	3769375	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	419475	3770625	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	419825	3771125	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	420625	3769175	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	419475	3769775	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	419675	3770975	1.82E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	420025	3771275	1.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	421475	3771225	1.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	419875	3771175	1.81E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	419575	3769525	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	419625	3769425	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	419775	3769225	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	419525	3769625	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	419625	3770925	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	421625	3771225	1.80E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	419725	3769275	1.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	421525	3771225	1.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	419525	3770775	1.79E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	419925	3771225	1.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	420825	3769275	1.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	419475	3769725	1.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	419475	3770675	1.78E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	421575	3771225	1.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	420075	3771325	1.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	419675	3769325	1.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	419575	3770875	1.77E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	421175	3769425	1.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	419575	3769475	1.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	419975	3771275	1.76E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	419525	3769575	1.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	419725	3771075	1.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	419775	3771125	1.75E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	419675	3771025	1.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	419625	3769375	1.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	419475	3769675	1.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	419825	3771175	1.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	419475	3770725	1.74E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	419525	3770825	1.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	419625	3770975	1.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	419775	3769175	1.73E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	421175	3771325	1.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	421625	3771275	1.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	419725	3769225	1.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	419875	3771225	1.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	420025	3771325	1.72E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	419525	3769525	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	421425	3771275	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	419575	3770925	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	419575	3769425	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	421525	3769625	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	419925	3771275	1.71E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	419475	3769625	1.70E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	419625	3769325	1.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	421125	3769375	1.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	421475	3771275	1.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	419475	3770775	1.69E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	419525	3770875	1.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	419775	3771175	1.68E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	419675	3771075	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	421525	3771275	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	419975	3771325	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	419525	3769475	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	421575	3771275	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	419625	3771025	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	420925	3769325	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	419475	3769575	1.67E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	419725	3769175	1.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	421225	3769425	1.66E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	420675	3769175	1.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	419575	3770975	1.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	419875	3771275	1.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	421325	3769525	1.65E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	419675	3769225	1.64E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	421625	3771325	1.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	419525	3770925	1.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	419925	3771325	1.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	421575	3771325	1.63E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	421575	3769625	1.62E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	421175	3769375	1.61E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1209	ALL	421425	3771325	1.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	419825	3771275	1.60E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	419575	3771025	1.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	420725	3769175	1.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	421475	3771325	1.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	419675	3769175	1.59E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	421375	3769525	1.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	419525	3770975	1.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	421525	3771325	1.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	419875	3771325	1.58E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	419775	3771275	1.55E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	421425	3769525	1.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	421225	3769375	1.54E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	421125	3769325	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	419525	3771025	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	420925	3769275	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	421625	3769625	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	419825	3771325	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	420775	3769175	1.53E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	421325	3769475	1.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	419625	3769175	1.52E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	420825	3769175	1.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	419575	3771125	1.51E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	420875	3769225	1.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	419575	3769225	1.50E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	419725	3771275	1.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	421575	3769575	1.49E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	419525	3769275	1.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	419775	3771325	1.48E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	421175	3769325	1.47E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	421475	3769525	1.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	419475	3769325	1.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	421375	3769475	1.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	419575	3769175	1.46E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	421275	3769375	1.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	419525	3771125	1.45E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	419675	3771275	1.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	419525	3769225	1.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	419475	3771075	1.44E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	419725	3771325	1.43E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	421625	3769575	1.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	419475	3769275	1.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	421225	3769325	1.42E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	421425	3769475	1.41E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	419525	3769175	1.40E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	419625	3771275	1.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	419475	3771125	1.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	419675	3771325	1.39E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	419475	3769225	1.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	421575	3769525	1.38E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	421325	3769375	1.37E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	421375	3769425	1.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	421175	3769275	1.36E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	419475	3769175	1.35E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	419625	3771325	1.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	421275	3769325	1.34E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	421625	3769525	1.33E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	421425	3769425	1.31E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	419525	3771275	1.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	419475	3771225	1.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	421225	3769275	1.30E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	421575	3769475	1.28E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	421325	3769325	1.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	421475	3769425	1.27E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	419475	3771275	1.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	419525	3771325	1.26E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	421275	3769275	1.25E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	421175	3769225	1.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	421625	3769475	1.24E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	421525	3769425	1.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	421425	3769375	1.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	419475	3771325	1.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	421375	3769325	1.22E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	421225	3769225	1.21E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	421575	3769425	1.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	421025	3769175	1.19E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	421475	3769375	1.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	421325	3769275	1.18E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	421275	3769225	1.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	421625	3769425	1.16E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	421525	3769375	1.15E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	421375	3769275	1.14E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	421225	3769175	1.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	421575	3769375	1.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	421475	3769325	1.12E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	421325	3769225	1.11E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	421425	3769275	1.10E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	421625	3769375	1.09E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	421275	3769175	1.08E-08	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	421425	3769175	9.76E-09	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	421475	3769175	9.33E-09	1.3YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Covina Kaiser MOB - Construction Health Risk Assessment - Chronic Risk, Mitigated Scenario

*HARP - HRACalc v19044 10/9/2019 11:29:36 AM - Chronic Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
495	ALL		420725	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03
513	ALL		420725	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
554	ALL		420675	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
512	ALL		420525	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
555	ALL		420725	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
514	ALL		420775	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
578	ALL		420625	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
496	ALL		420775	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
577	ALL		420575	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
515	ALL		420825	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
1216	ALL		420540.8	3770341	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
553	ALL		420475	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
497	ALL		420825	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
556	ALL		420825	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
597	ALL		420625	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
1215	ALL		420607.9	3770000	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
596	ALL		420575	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
1214	ALL		420558	3770024	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
534	ALL		420875	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
557	ALL		420875	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
457	ALL		420525	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
435	ALL		420675	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
434	ALL		420625	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
476	ALL		420475	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
1217	ALL		420517.1	3770377	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
552	ALL		420425	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
436	ALL		420725	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
433	ALL		420575	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
535	ALL		420925	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
516	ALL		420925	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
456	ALL		420475	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
576	ALL		420425	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
477	ALL		420875	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
432	ALL		420525	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
475	ALL		420425	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
437	ALL		420775	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
579	ALL		420925	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
407	ALL		420625	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
408	ALL		420675	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
406	ALL		420575	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
431	ALL		420475	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
595	ALL		420425	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
409	ALL		420725	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
455	ALL		420425	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
558	ALL		420975	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
517	ALL		420975	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
405	ALL		420525	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
474	ALL		420375	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
498	ALL		420975	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
438	ALL		420825	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
630	ALL		420825	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
430	ALL		420425	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
536	ALL		421025	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
615	ALL		420425	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
382	ALL		420625	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
404	ALL		420475	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
559	ALL		421025	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
631	ALL		420875	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
594	ALL		420375	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
454	ALL		420375	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
381	ALL		420575	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
598	ALL		420975	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
518	ALL		421025	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
383	ALL		420675	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
494	ALL		420325	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
632	ALL		420925	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
655	ALL		420675	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
380	ALL		420525	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
473	ALL		420325	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
403	ALL		420425	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
537	ALL		421075	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
429	ALL		420375	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
560	ALL		421075	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
599	ALL		421025	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
614	ALL		420375	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
384	ALL		420725	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
654	ALL		420525	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
629	ALL		420425	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
379	ALL		420475	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
519	ALL		421075	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
593	ALL		420325	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
453	ALL		420325	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
656	ALL		420925	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
385	ALL		420775	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
511	ALL		420275	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
355	ALL		420575	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
653	ALL		420475	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
600	ALL		421075	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
561	ALL		421125	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
493	ALL		420275	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
538	ALL		421125	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
402	ALL		420375	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
378	ALL		420425	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
354	ALL		420525	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
657	ALL		420975	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
628	ALL		420375	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
428	ALL		420325	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
472	ALL		420275	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
356	ALL		420675	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
520	ALL		421125	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
613	ALL		420325	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
652	ALL		420425	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
633	ALL		421075	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
353	ALL		420475	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
601	ALL		421125	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
452	ALL		420275	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
592	ALL		420275	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
658	ALL		421025	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
562	ALL		421175	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
377	ALL		420375	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
499	ALL		421125	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
401	ALL		420325	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04

539	ALL	421175	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
580	ALL	421175	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
328	ALL	420475	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
680	ALL	420975	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
533	ALL	420225	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
352	ALL	420425	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
510	ALL	420225	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
329	ALL	420525	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
627	ALL	420325	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
330	ALL	420575	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
651	ALL	420375	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
659	ALL	421075	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
492	ALL	420225	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
706	ALL	420675	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
707	ALL	420725	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
357	ALL	420725	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
521	ALL	421175	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
427	ALL	420275	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
602	ALL	421175	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
708	ALL	420775	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
705	ALL	420625	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
612	ALL	420275	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
681	ALL	421025	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
704	ALL	420575	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
327	ALL	420425	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
471	ALL	420225	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
679	ALL	420425	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
358	ALL	420775	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
376	ALL	420325	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
563	ALL	421225	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
351	ALL	420375	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
703	ALL	420525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
581	ALL	421225	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
682	ALL	421075	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
451	ALL	420225	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
540	ALL	421225	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
400	ALL	420275	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
500	ALL	421175	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
650	ALL	420325	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
301	ALL	420475	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
626	ALL	420275	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
603	ALL	421225	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
302	ALL	420525	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
702	ALL	420475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
678	ALL	420375	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
331	ALL	420675	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
522	ALL	421225	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
426	ALL	420225	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
611	ALL	420225	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
491	ALL	420175	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
734	ALL	420725	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
733	ALL	420675	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
350	ALL	420325	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
732	ALL	420625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
375	ALL	420275	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
709	ALL	421075	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
701	ALL	420425	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
303	ALL	420575	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
731	ALL	420575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
326	ALL	420375	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
470	ALL	420175	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
649	ALL	420275	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
604	ALL	421275	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
399	ALL	420225	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
677	ALL	420325	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05
276	ALL	420475	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05
450	ALL	420175	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
625	ALL	420225	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05
300	ALL	420425	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05
735	ALL	420975	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
332	ALL	420725	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05
333	ALL	420775	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
700	ALL	420375	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
736	ALL	421025	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
349	ALL	420275	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
325	ALL	420325	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05
425	ALL	420175	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05
610	ALL	420175	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05
410	ALL	421025	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
277	ALL	420525	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
374	ALL	420225	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05
710	ALL	421175	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05
304	ALL	420625	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
756	ALL	420775	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
737	ALL	421075	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
490	ALL	420125	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05
299	ALL	420375	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
754	ALL	420675	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05
676	ALL	420275	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05
730	ALL	420425	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
755	ALL	420725	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
605	ALL	421325	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05
648	ALL	420225	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05
469	ALL	420125	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
634	ALL	421325	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-05
699	ALL	420325	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05
275	ALL	420425	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05
398	ALL	420175	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05
711	ALL	421225	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
274	ALL	420375	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
250	ALL	420475	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05
624	ALL	420175	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
249	ALL	420425	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
449	ALL	420125	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
324	ALL	420275	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
248	ALL	420375	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
305	ALL	420675	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05
348	ALL	420225	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05
306	ALL	420725	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-05
729	ALL	420375	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
411	ALL	421075	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05
247	ALL	420325	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
635	ALL	421375	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
712	ALL	421275	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05
307	ALL	420775	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
278	ALL	420575	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05

757	ALL	420975	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
373	ALL	420175	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05
424	ALL	420125	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
609	ALL	420125	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05
675	ALL	420225	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05
606	ALL	421375	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
698	ALL	420275	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05
582	ALL	421375	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05
758	ALL	421025	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-05
647	ALL	420175	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
564	ALL	421375	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
509	ALL	420075	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
787	ALL	420725	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
789	ALL	420825	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
788	ALL	420775	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
489	ALL	420075	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
759	ALL	421075	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
728	ALL	420325	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
683	ALL	421375	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
786	ALL	420575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
323	ALL	420225	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
298	ALL	420275	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
468	ALL	420075	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
397	ALL	420125	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
623	ALL	420125	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05
229	ALL	420325	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
347	ALL	420175	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05
541	ALL	421375	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-05
785	ALL	420525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
412	ALL	421125	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05
448	ALL	420075	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05
251	ALL	420525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
279	ALL	420625	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
660	ALL	421425	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05
697	ALL	420225	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05
674	ALL	420175	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05
607	ALL	421425	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05
790	ALL	421025	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05
386	ALL	421075	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05
784	ALL	420475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05
372	ALL	420125	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05
583	ALL	421425	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
727	ALL	420275	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
228	ALL	420275	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05
523	ALL	421375	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
423	ALL	420075	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05
646	ALL	420125	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
280	ALL	420675	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
738	ALL	421325	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
297	ALL	420225	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
565	ALL	421425	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
760	ALL	421225	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
791	ALL	421075	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05
817	ALL	420675	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05
322	ALL	420175	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05
818	ALL	420725	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05
273	ALL	420275	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05
508	ALL	420025	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
783	ALL	420425	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
816	ALL	420625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05
616	ALL	421475	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
203	ALL	420325	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
821	ALL	420875	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05
551	ALL	420025	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05
636	ALL	421475	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05
820	ALL	420825	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05
488	ALL	420025	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05
246	ALL	420275	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05
819	ALL	420775	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
396	ALL	420075	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
815	ALL	420575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
308	ALL	420875	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
822	ALL	420925	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
542	ALL	421425	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
346	ALL	420125	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
761	ALL	421275	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
281	ALL	420725	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
575	ALL	420025	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
608	ALL	421475	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
467	ALL	420025	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
684	ALL	421475	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
202	ALL	420275	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
823	ALL	420975	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
696	ALL	420175	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
739	ALL	421375	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05
413	ALL	421175	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05
792	ALL	421125	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
726	ALL	420225	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
673	ALL	420125	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
204	ALL	420375	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
584	ALL	421475	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
447	ALL	420025	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
782	ALL	420375	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05
824	ALL	421025	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-05
661	ALL	421525	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05
387	ALL	421125	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05
762	ALL	421325	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05
371	ALL	420075	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
296	ALL	420175	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
524	ALL	421425	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
713	ALL	421475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
793	ALL	421175	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
566	ALL	421475	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
740	ALL	421425	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
825	ALL	421075	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
178	ALL	420325	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
205	ALL	420425	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
359	ALL	421075	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-05
321	ALL	420125	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05
422	ALL	420025	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
826	ALL	421125	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05
858	ALL	420725	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
763	ALL	421375	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05
857	ALL	420675	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
781	ALL	420325	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
177	ALL	420275	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05

543	ALL	421475	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
725	ALL	420175	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
794	ALL	421225	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
856	ALL	420625	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
695	ALL	420125	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
861	ALL	420875	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
795	ALL	421275	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
507	ALL	419975	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
345	ALL	420075	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05
827	ALL	421175	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
859	ALL	420775	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
662	ALL	421575	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
395	ALL	420025	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
622	ALL	420025	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
550	ALL	419975	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05
206	ALL	420475	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05
487	ALL	419975	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
860	ALL	420825	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
862	ALL	420925	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05
574	ALL	419975	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05
179	ALL	420375	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
672	ALL	420075	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
863	ALL	420975	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
466	ALL	419975	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
617	ALL	421575	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05
796	ALL	421325	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
714	ALL	421525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05
295	ALL	420125	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05
864	ALL	421025	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05
764	ALL	421425	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05
828	ALL	421225	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05
525	ALL	421475	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05
180	ALL	420425	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
446	ALL	419975	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
153	ALL	420325	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
855	ALL	420525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
309	ALL	420975	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
567	ALL	421525	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05
865	ALL	421075	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
370	ALL	420025	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05
645	ALL	420025	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
252	ALL	420675	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
320	ALL	420075	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
176	ALL	420225	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
797	ALL	421375	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
866	ALL	421125	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
829	ALL	421275	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
227	ALL	420225	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
724	ALL	420125	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
854	ALL	420475	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
152	ALL	420275	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
421	ALL	419975	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
753	ALL	420175	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
544	ALL	421525	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
694	ALL	420075	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
765	ALL	421475	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
154	ALL	420425	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05
867	ALL	421175	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
360	ALL	421125	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
253	ALL	420725	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
245	ALL	420175	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
900	ALL	420775	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
618	ALL	421625	3770425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
899	ALL	420725	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05
181	ALL	420475	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05
272	ALL	420125	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05
344	ALL	420025	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
902	ALL	420875	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
830	ALL	421325	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
621	ALL	419975	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
334	ALL	421075	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
254	ALL	420775	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
853	ALL	420425	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
671	ALL	420025	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
798	ALL	421425	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
506	ALL	419925	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
898	ALL	420675	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
394	ALL	419975	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
549	ALL	419925	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
868	ALL	421225	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
294	ALL	420075	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
486	ALL	419925	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
255	ALL	420825	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
901	ALL	420825	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
897	ALL	420575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
526	ALL	421525	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
573	ALL	419925	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
282	ALL	420925	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
568	ALL	421575	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05
465	ALL	419925	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
766	ALL	421525	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
905	ALL	421025	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
128	ALL	420325	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
903	ALL	420925	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
814	ALL	420275	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05
155	ALL	420475	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05
904	ALL	420975	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05
741	ALL	421575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
896	ALL	420525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
852	ALL	420375	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
445	ALL	419925	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
752	ALL	420125	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
869	ALL	421275	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
723	ALL	420075	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
644	ALL	419975	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
906	ALL	421075	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
319	ALL	420025	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
369	ALL	419975	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
799	ALL	421475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
831	ALL	421375	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
715	ALL	421625	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
545	ALL	421575	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
693	ALL	420025	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
244	ALL	420125	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
907	ALL	421125	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
895	ALL	420475	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05

420	ALL	419925	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05
271	ALL	420075	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05
870	ALL	421325	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05
851	ALL	420325	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
343	ALL	419975	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
670	ALL	419975	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
936	ALL	420625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
767	ALL	421575	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
800	ALL	421525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
293	ALL	420025	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
620	ALL	419925	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
832	ALL	421425	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
569	ALL	421625	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
908	ALL	421175	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
937	ALL	420675	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
894	ALL	420425	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
527	ALL	421575	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
939	ALL	420775	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05
127	ALL	420275	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05
742	ALL	421625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05
941	ALL	420875	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05
393	ALL	419925	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
532	ALL	419875	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
505	ALL	419875	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
938	ALL	420725	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
751	ALL	420075	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
935	ALL	420575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
485	ALL	419875	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
780	ALL	420125	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
940	ALL	420825	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
944	ALL	421025	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
871	ALL	421375	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
464	ALL	419875	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
833	ALL	421475	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
850	ALL	420275	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
318	ALL	419975	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
909	ALL	421225	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
643	ALL	419925	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
546	ALL	421625	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
591	ALL	419875	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
893	ALL	420375	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
368	ALL	419925	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
934	ALL	420525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
801	ALL	421575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
444	ALL	419875	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
910	ALL	421275	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05
270	ALL	420025	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05
768	ALL	421625	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
942	ALL	420925	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
256	ALL	420925	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
104	ALL	420425	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
933	ALL	420475	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
834	ALL	421525	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
872	ALL	421425	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
102	ALL	420325	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
419	ALL	419875	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
943	ALL	420975	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
103	ALL	420375	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
342	ALL	419925	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
892	ALL	420325	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
669	ALL	419925	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
292	ALL	419975	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
849	ALL	420225	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
911	ALL	421325	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
779	ALL	420075	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
750	ALL	420025	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
619	ALL	419875	3770475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05
946	ALL	421125	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
979	ALL	420625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
151	ALL	420225	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
945	ALL	421075	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
932	ALL	420425	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
528	ALL	421625	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
230	ALL	420775	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
226	ALL	420075	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
105	ALL	420475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
802	ALL	421625	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
980	ALL	420675	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
722	ALL	419975	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
392	ALL	419875	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
72	ALL	420375	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
71	ALL	420325	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
978	ALL	420575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
504	ALL	419825	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
873	ALL	421475	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
548	ALL	419825	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05
813	ALL	420125	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
947	ALL	421175	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
912	ALL	421375	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
484	ALL	419825	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
835	ALL	421575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
891	ALL	420275	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
463	ALL	419825	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
642	ALL	419875	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
984	ALL	420875	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
982	ALL	420775	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
231	ALL	420825	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
931	ALL	420375	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
987	ALL	421025	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
692	ALL	419925	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
981	ALL	420725	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
269	ALL	419975	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
590	ALL	419825	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
977	ALL	420525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
367	ALL	419875	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
848	ALL	420175	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
70	ALL	420275	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
46	ALL	420275	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
983	ALL	420825	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
913	ALL	421425	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
73	ALL	420425	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
948	ALL	421225	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
106	ALL	420525	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
778	ALL	420025	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
874	ALL	421525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05
836	ALL	421625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05

47	ALL	420325	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
976	ALL	420475	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
45	ALL	420225	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
69	ALL	420225	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
749	ALL	419975	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
201	ALL	420075	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
668	ALL	419875	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
930	ALL	420325	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
291	ALL	419925	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
890	ALL	420225	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
418	ALL	419825	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
341	ALL	419875	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
985	ALL	420925	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
501	ALL	421625	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
986	ALL	420975	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05
1020	ALL	420625	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
949	ALL	421275	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
975	ALL	420425	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05
150	ALL	420175	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
847	ALL	420125	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
914	ALL	421475	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
1019	ALL	420575	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
1021	ALL	420675	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
875	ALL	421575	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
48	ALL	420375	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
929	ALL	420275	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
691	ALL	419875	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
950	ALL	421325	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
317	ALL	419875	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
641	ALL	419825	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
988	ALL	421075	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
15	ALL	420275	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
232	ALL	420925	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
483	ALL	419775	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
268	ALL	419925	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
974	ALL	420375	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
889	ALL	420175	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
462	ALL	419775	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
812	ALL	420025	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
777	ALL	419975	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
1018	ALL	420525	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
101	ALL	420275	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
589	ALL	419775	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
74	ALL	420475	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
1028	ALL	421025	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
366	ALL	419825	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
876	ALL	421625	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
989	ALL	421125	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
951	ALL	421375	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
200	ALL	420025	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
990	ALL	421175	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
14	ALL	420225	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
915	ALL	421525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
16	ALL	420325	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
225	ALL	419975	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
1022	ALL	420725	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
1017	ALL	420475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
1024	ALL	420825	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
1023	ALL	420775	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
667	ALL	419825	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
928	ALL	420225	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
973	ALL	420325	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
846	ALL	420075	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
290	ALL	419875	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
952	ALL	421425	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
1025	ALL	420875	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
107	ALL	420575	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
233	ALL	420975	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
991	ALL	421225	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
888	ALL	420125	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
1061	ALL	420625	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
1016	ALL	420425	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
12	ALL	420125	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
916	ALL	421575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
1026	ALL	420925	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
1027	ALL	420975	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
49	ALL	420425	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
75	ALL	420525	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
811	ALL	419975	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
1062	ALL	420675	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
207	ALL	420775	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
972	ALL	420275	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
690	ALL	419825	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
1060	ALL	420575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
100	ALL	420225	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
776	ALL	419925	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
267	ALL	419875	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05
13	ALL	420175	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05
316	ALL	419825	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
927	ALL	420175	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
199	ALL	419975	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
42	ALL	420075	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
953	ALL	421475	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
640	ALL	419775	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
11	ALL	420075	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
1015	ALL	420375	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
992	ALL	421275	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
482	ALL	419725	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
917	ALL	421625	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
845	ALL	420025	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
748	ALL	419875	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
1059	ALL	420525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
461	ALL	419725	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
224	ALL	419925	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
208	ALL	420825	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
365	ALL	419775	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
887	ALL	420075	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
443	ALL	419725	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
17	ALL	420375	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
971	ALL	420225	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05
289	ALL	419825	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
666	ALL	419775	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
993	ALL	421325	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
44	ALL	420175	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
1058	ALL	420475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
1029	ALL	421075	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05

1014	ALL	420325	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
108	ALL	420625	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
1031	ALL	421175	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
954	ALL	421525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
243	ALL	419875	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
99	ALL	420175	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
1030	ALL	421125	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
340	ALL	419775	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
926	ALL	420125	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
1064	ALL	420775	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
417	ALL	419725	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
1069	ALL	421025	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
1063	ALL	420725	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
810	ALL	419925	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
1098	ALL	420675	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
175	ALL	419975	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
1057	ALL	420425	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
994	ALL	421375	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
1065	ALL	420825	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
1070	ALL	421075	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
126	ALL	420075	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
775	ALL	419875	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
68	ALL	420175	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
198	ALL	419925	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
844	ALL	419975	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
689	ALL	419775	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
1066	ALL	420875	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
1013	ALL	420275	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
266	ALL	419825	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
955	ALL	421575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
182	ALL	420725	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
1032	ALL	421225	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
970	ALL	420175	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
995	ALL	421425	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
886	ALL	420025	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
1067	ALL	420925	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
639	ALL	419725	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
315	ALL	419775	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
1056	ALL	420375	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
1071	ALL	421125	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
503	ALL	419675	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
1068	ALL	420975	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
76	ALL	420575	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
98	ALL	420075	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
996	ALL	421475	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
1097	ALL	420525	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
481	ALL	419675	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
364	ALL	419725	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
588	ALL	419675	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
460	ALL	419675	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
721	ALL	419775	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
1012	ALL	420225	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
209	ALL	420975	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
50	ALL	420475	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
665	ALL	419725	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
956	ALL	421625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
1033	ALL	421275	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
149	ALL	419975	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
109	ALL	420675	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
442	ALL	419675	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1055	ALL	420325	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1096	ALL	420475	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
809	ALL	419875	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
174	ALL	419925	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
969	ALL	420125	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
1072	ALL	421175	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
843	ALL	419925	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
156	ALL	420725	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
1099	ALL	420725	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
18	ALL	420425	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05
416	ALL	419675	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
10	ALL	420025	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
1095	ALL	420425	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
1100	ALL	420775	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
688	ALL	419725	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
1073	ALL	421225	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1011	ALL	420175	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1101	ALL	420825	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
925	ALL	420025	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
997	ALL	421525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
183	ALL	420775	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
43	ALL	420125	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1106	ALL	421075	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1034	ALL	421325	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
67	ALL	420125	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
1054	ALL	420275	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
1102	ALL	420875	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
41	ALL	420025	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
1094	ALL	420375	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
968	ALL	420075	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
97	ALL	420025	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
148	ALL	419925	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
1107	ALL	421125	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
531	ALL	419625	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
1105	ALL	421025	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
572	ALL	419625	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1103	ALL	420925	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1132	ALL	420525	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
480	ALL	419625	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
184	ALL	420825	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
1053	ALL	420225	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
1104	ALL	420975	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
587	ALL	419625	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
720	ALL	419725	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
1035	ALL	421375	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
842	ALL	419875	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
242	ALL	419775	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
664	ALL	419675	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
459	ALL	419625	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
1010	ALL	420125	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
288	ALL	419725	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
51	ALL	420525	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
885	ALL	419925	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
998	ALL	421575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
1093	ALL	420325	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
1131	ALL	420475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05

129	ALL	420725	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
210	ALL	421075	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
924	ALL	419975	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
1108	ALL	421175	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
1037	ALL	421475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
441	ALL	419625	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05
197	ALL	419825	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05
1133	ALL	420775	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05
339	ALL	419675	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
185	ALL	420875	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
1074	ALL	421275	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
967	ALL	420025	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
39	ALL	419925	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
1169	ALL	420675	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
1052	ALL	420175	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
1130	ALL	420425	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
265	ALL	419725	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
77	ALL	420625	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
96	ALL	419975	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
1092	ALL	420275	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
1036	ALL	421425	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
223	ALL	419775	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
314	ALL	419675	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
110	ALL	420725	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
1009	ALL	420075	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
1134	ALL	420825	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
999	ALL	421625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
1109	ALL	421225	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
391	ALL	419625	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
638	ALL	419625	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
52	ALL	420575	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
9	ALL	419975	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
1038	ALL	421525	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
1129	ALL	420375	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
1135	ALL	420875	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
884	ALL	419875	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
173	ALL	419825	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
841	ALL	419825	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
923	ALL	419925	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
1139	ALL	421075	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
1075	ALL	421325	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
530	ALL	419575	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
1091	ALL	420225	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
241	ALL	419725	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
547	ALL	419575	3770275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
1051	ALL	420125	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
571	ALL	419575	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
287	ALL	419675	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
502	ALL	419575	3770175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
808	ALL	419775	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
966	ALL	419975	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
479	ALL	419575	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
586	ALL	419575	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
1136	ALL	420925	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
663	ALL	419625	3770575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
1128	ALL	420325	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
1110	ALL	421275	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
1138	ALL	421025	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
1140	ALL	421125	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
458	ALL	419575	3770075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
1137	ALL	420975	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
186	ALL	421025	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
1168	ALL	420475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
95	ALL	419925	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
1008	ALL	420025	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
19	ALL	420475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
338	ALL	419625	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
66	ALL	419975	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
774	ALL	419725	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
1090	ALL	420175	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
264	ALL	419675	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
222	ALL	419725	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
1167	ALL	420425	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
147	ALL	419825	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
1039	ALL	421575	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
1202	ALL	420675	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
1127	ALL	420275	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
1050	ALL	420075	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
1078	ALL	421475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
1076	ALL	421375	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
313	ALL	419625	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
883	ALL	419825	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
922	ALL	419875	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
78	ALL	420675	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
747	ALL	419675	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
172	ALL	419775	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
840	ALL	419775	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
965	ALL	419925	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
1077	ALL	421425	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
637	ALL	419575	3770525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
390	ALL	419575	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
1166	ALL	420375	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
1141	ALL	421175	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
1040	ALL	421625	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
1170	ALL	420875	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
1007	ALL	419975	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
1089	ALL	420125	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
240	ALL	419675	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
1126	ALL	420225	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
807	ALL	419725	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
1111	ALL	421325	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
65	ALL	419925	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
53	ALL	420625	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
286	ALL	419625	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
363	ALL	419575	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
79	ALL	420725	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
1142	ALL	421225	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
111	ALL	420775	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
40	ALL	419975	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
125	ALL	419825	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
1049	ALL	420025	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
1165	ALL	420325	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
1079	ALL	421525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
570	ALL	419525	3770325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
719	ALL	419625	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
1203	ALL	420775	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05

1201	ALL	420475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
773	ALL	419675	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
585	ALL	419525	3770375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
146	ALL	419775	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
337	ALL	419575	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
1143	ALL	421275	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
1125	ALL	420175	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
157	ALL	420875	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
221	ALL	419675	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
1171	ALL	420925	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
440	ALL	419525	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
263	ALL	419625	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
882	ALL	419775	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
964	ALL	419875	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
1173	ALL	421025	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
1088	ALL	420075	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
1200	ALL	420425	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
1164	ALL	420275	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
171	ALL	419725	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
1006	ALL	419925	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
839	ALL	419725	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
415	ALL	419525	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
1172	ALL	420975	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
1174	ALL	421075	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
746	ALL	419625	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
312	ALL	419575	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
1080	ALL	421575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
687	ALL	419575	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
64	ALL	419875	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
1204	ALL	420875	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
1048	ALL	419975	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
94	ALL	419825	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
1199	ALL	420375	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
389	ALL	419525	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
806	ALL	419675	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
20	ALL	420525	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
1112	ALL	421375	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
187	ALL	421125	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
1124	ALL	420125	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
1163	ALL	420225	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
239	ALL	419625	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
124	ALL	419775	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
1081	ALL	421625	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
1113	ALL	421425	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
1175	ALL	421125	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
1087	ALL	420025	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
285	ALL	419575	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
362	ALL	419525	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
1198	ALL	420325	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
718	ALL	419575	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
963	ALL	419825	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
772	ALL	419625	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
145	ALL	419725	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
80	ALL	420775	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
529	ALL	419475	3770225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
1205	ALL	420925	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
478	ALL	419475	3770125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
881	ALL	419725	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
1005	ALL	419875	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
1162	ALL	420175	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
8	ALL	419925	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
336	ALL	419525	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
1114	ALL	421475	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
1123	ALL	420075	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
262	ALL	419575	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
220	ALL	419625	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
1047	ALL	419925	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
1197	ALL	420275	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
38	ALL	419875	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
439	ALL	419475	3770025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
1176	ALL	421175	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
170	ALL	419675	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
93	ALL	419775	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
745	ALL	419575	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
1086	ALL	419975	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
414	ALL	419475	3769975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
158	ALL	421075	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
686	ALL	419525	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
311	ALL	419525	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
805	ALL	419625	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
1115	ALL	421525	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
21	ALL	420575	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
123	ALL	419725	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
1161	ALL	420125	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
112	ALL	420825	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
1196	ALL	420225	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
238	ALL	419575	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
388	ALL	419475	3769925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
962	ALL	419775	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
1116	ALL	421575	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
196	ALL	419625	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
1117	ALL	421625	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
1122	ALL	420025	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
1004	ALL	419825	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
144	ALL	419675	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
1046	ALL	419875	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
880	ALL	419675	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
284	ALL	419525	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
771	ALL	419575	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
717	ALL	419525	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
1206	ALL	420975	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
361	ALL	419475	3769875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
1207	ALL	421025	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
63	ALL	419775	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
1195	ALL	420175	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
1085	ALL	419925	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
1160	ALL	420075	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
188	ALL	421175	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
1144	ALL	421425	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
92	ALL	419725	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
219	ALL	419575	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
335	ALL	419475	3769825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
54	ALL	420675	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
169	ALL	419625	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
130	ALL	420925	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
1121	ALL	419975	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05

261	ALL	419525	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
744	ALL	419525	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
122	ALL	419675	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
804	ALL	419575	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
961	ALL	419725	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
1003	ALL	419775	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
1194	ALL	420125	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
131	ALL	420975	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
685	ALL	419475	3770625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
1045	ALL	419825	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
22	ALL	420625	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
310	ALL	419475	3769775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
921	ALL	419675	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
1159	ALL	420025	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
1145	ALL	421475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
1084	ALL	419875	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
195	ALL	419575	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
143	ALL	419625	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
37	ALL	419775	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
237	ALL	419525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
879	ALL	419625	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
1148	ALL	421625	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
62	ALL	419725	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
1146	ALL	421525	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
770	ALL	419525	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
1120	ALL	419925	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
81	ALL	420825	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
283	ALL	419475	3769725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
716	ALL	419475	3770675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
1147	ALL	421575	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
1193	ALL	420075	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
91	ALL	419675	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
838	ALL	419575	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
159	ALL	421175	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
168	ALL	419575	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
1158	ALL	419975	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
218	ALL	419525	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
1002	ALL	419725	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
1044	ALL	419775	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
960	ALL	419675	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
121	ALL	419625	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
260	ALL	419475	3769675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
1083	ALL	419825	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
743	ALL	419475	3770725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
803	ALL	419525	3770825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
920	ALL	419625	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
7	ALL	419775	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1208	ALL	421175	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1181	ALL	421625	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
36	ALL	419725	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1119	ALL	419875	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1192	ALL	420025	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
194	ALL	419525	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
1177	ALL	421425	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
878	ALL	419575	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
142	ALL	419575	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
257	ALL	421525	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
1157	ALL	419925	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
236	ALL	419475	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
90	ALL	419625	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
132	ALL	421125	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
1178	ALL	421475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
769	ALL	419475	3770775	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
837	ALL	419525	3770875	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
1082	ALL	419775	3771175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
1001	ALL	419675	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
1179	ALL	421525	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
1191	ALL	419975	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
167	ALL	419525	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
1180	ALL	421575	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
959	ALL	419625	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
113	ALL	420925	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
217	ALL	419475	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
6	ALL	419725	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
160	ALL	421225	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
23	ALL	420675	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
919	ALL	419575	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1156	ALL	419875	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
211	ALL	421325	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
35	ALL	419675	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1213	ALL	421625	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
877	ALL	419525	3770925	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
1190	ALL	419925	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
1212	ALL	421575	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
258	ALL	421575	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05
133	ALL	421175	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05
1209	ALL	421425	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
1155	ALL	419825	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
958	ALL	419575	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
24	ALL	420725	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
1210	ALL	421475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
5	ALL	419675	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
212	ALL	421375	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
918	ALL	419525	3770975	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
1211	ALL	421525	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
1189	ALL	419875	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
1154	ALL	419775	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
213	ALL	421425	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
134	ALL	421225	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
114	ALL	421125	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
957	ALL	419525	3771025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
82	ALL	420925	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
259	ALL	421625	3769625	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
1188	ALL	419825	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
25	ALL	420775	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
189	ALL	421325	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
4	ALL	419625	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
26	ALL	420825	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
1043	ALL	419575	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
55	ALL	420875	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
34	ALL	419575	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
1153	ALL	419725	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
234	ALL	421575	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
61	ALL	419525	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
1187	ALL	419775	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
115	ALL	421175	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05

214	ALL	421475	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
89	ALL	419475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
190	ALL	421375	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
3	ALL	419575	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
135	ALL	421275	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
1042	ALL	419525	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
1152	ALL	419675	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
33	ALL	419525	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
1000	ALL	419475	3771075	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
1186	ALL	419725	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
235	ALL	421625	3769575	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
60	ALL	419475	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
116	ALL	421225	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
191	ALL	421425	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
2	ALL	419525	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
1151	ALL	419625	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
1041	ALL	419475	3771125	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
1185	ALL	419675	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
32	ALL	419475	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
215	ALL	421575	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
136	ALL	421325	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
161	ALL	421375	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
83	ALL	421175	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05
1	ALL	419475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
1184	ALL	419625	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
117	ALL	421275	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
216	ALL	421625	3769525	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05
162	ALL	421425	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
1150	ALL	419525	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
1118	ALL	419475	3771225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
84	ALL	421225	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
192	ALL	421575	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
118	ALL	421325	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
163	ALL	421475	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
1149	ALL	419475	3771275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
1183	ALL	419525	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
85	ALL	421275	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
56	ALL	421175	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
193	ALL	421625	3769475	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
164	ALL	421525	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
137	ALL	421425	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
1182	ALL	419475	3771325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
119	ALL	421375	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
57	ALL	421225	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
165	ALL	421575	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
27	ALL	421025	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
138	ALL	421475	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
86	ALL	421325	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
58	ALL	421275	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
166	ALL	421625	3769425	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
139	ALL	421525	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
87	ALL	421375	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
28	ALL	421225	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-06
140	ALL	421575	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-06
120	ALL	421475	3769325	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-06
59	ALL	421325	3769225	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-06
88	ALL	421425	3769275	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06
141	ALL	421625	3769375	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-06
29	ALL	421275	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-06
30	ALL	421425	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-06
31	ALL	421475	3769175	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-06

APPENDIX C

Arborist's Report

ARBORIST REPORT FOR
COVINA HOTEL SITE
PARKVIEW DRIVE
COVINA, CALIFORNIA

Prepared for:

Mr. Matt Hamilton

Covina Park View, LLC

360 East 1st Street, Suite 600

Tustin, Ca 92780

Prepared by:

Steve F. Andresen

Arborist Services

5516 Inspiration Drive

Riverside, CA 92506

September 12, 2017

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SCOPE OF WORK:

The scope of this assignment is to give a comprehensive overall view of the existing mature trees located on Parkview Drive in the City of Covina, Ca. Using guidelines established by the International Society of Arboriculture and the City of Covina tree preservation as follows:

- On-site Property visit and visual inspection of twenty eight (28) existing trees growing on the slope at the above reference project location.

- Identify the trees with common and botanical names. Number tag each tree with aluminum tree tags. Not all trees hard tagged due to difficult locations.

- Provide general specifications: caliper, approximate height and width. Provide site map with approximate tree locations.

- Provide comments as to current health and condition of the existing trees surveyed.

FINDINGS:

On Saturday August 26th, 2017 an inspection was conducted to survey the locations and conditions of the existing trees on the Property located on Parkview Drive in the City of Covina, California.

The majority of the Property is an empty flat lot that has been cultivated using a disc pulled by a tractor to turn under the vegetation. At the time of my inspection the soil had been turned under leaving a rough soil surface and a maintained look. The trees in which this report will address are located on a slope area at the north east property line. Many of the trees on this slope appear to have been naturalized by either wind or bird activity. It's possible the trees had been planted at some time to help stabilize or add appeal to the property but no irrigation or any other form of irrigation system was noticed.

The trees growing on the slope are a mixture of Elms, Silk Oaks and Ash trees. Most all are of poor health and quality with little to no value for landscape purposes.

CONCLUSION:

As previously mentioned the trees established and growing on the slope are of poor health and quality. Due to the trees current condition it appears they have not been properly maintained with pruning, irrigation or weed control.

Many of the Elm trees are leaning with branches growing on the ground forming a dense screen. In some areas the Elm foliage is so thick we had difficulty reaching them to attach tree tags. Several of the trees were not hard tagged due to the dense foliage and steep slope. Other trees on the slope are Silk Oaks growing to sixty to seventy (60-70) feet tall. This species of tree typically grows very quickly causing a weak branch structure with large limbs in maturity that will break or shear off. Also growing on the slope are Ash trees that appear to have been seed generated from either wind or bird activity. Several of the Ash have died back to the ground and regenerated with sucker growth from the trunk bases.

The overall health and aesthetics of the site trees is poor due to a drought soil condition and not being maintained for many years with proper pruning or care.

COVINA PROJECT

ID #	SPECIES	COMMON NAME	HEIGHT FEET	SPREAD FEET	CALIPER INCHES	HEALTH GRADE	AESTHETIC GRADE	COMMENTS
1	*Fraxinus species*	ASH	40	15	9	C-D	C-D	Tree not planted on site, possibly started by bird or wind activity
2	*Ulmus parvifolia*	ELM	20	20	9.5	D	D	Poor health and condition
3	*Grevillea robusta*	SILK OAK	40	30	14.5	C-D	C-D	Poor to average condition for species and growing location
4	*Grevillea robusta*	SILK OAK	50	30	14.5	E	E	Poor structural condition. Not hard tagged due to difficult location
5	*Fraxinus species*	ASH	20	12	8	E	E	Poor structural condition. Not hard tagged due to difficult location
6	*Ulmus parvifolia*	ELM	18	15	8	E	E	Poor structural condition. Not hard tagged due to difficult location
7	*Ulmus parvifolia*	ELM	25	20	8	D	D	Poor health and condition. Not hard tagged due to difficult location.
8	*Ulmus parvifolia*	ELM	18	13	5.5	D	D	Poor health and condition. Not hard tagged due to difficult location.
9	*Ulmus parvifolia*	ELM	18	16	5.5	D	D	Poor health and condition.
10	*Ulmus parvifolia*	ELM	16	12	5	D	D	Poor health and condition.
11	*Grevillea robusta*	SILK OAK	60-70	25	14.5	D	D	Poor structural condition with broken and sheared off branches.
12	*Grevillea robusta*	SILK OAK	30	20	12	D	D	Poor health and condition. Not hard tagged due to difficult location.
13	*Grevillea robusta*	SILK OAK	30	15	10	D	D	Poor structural condition with trunk damage and bleeding.
14	*Fraxinus species*	ASH	15	10	12	E	E	Very poor condition with severe die back. Not hard tagged.
15	*Fraxinus species*	ASH	17	15	14	E	E	Heavily top pruned, Poor condition. Not hard tagged.
16	*Fraxinus species*	ASH	20	15	10	E	E	Poor health and condition. Not hard tagged due to difficult location.
17	*Ulmus parvifolia*	ELM	25	20	10	D	D	Poor health and condition. Not hard tagged due to difficult location.
18	*Ulmus parvifolia*	ELM	15	15	8	E	E	Heavily leaning, poor health and condition. Not hard tagged.
19	*Grevillea robusta*	SILK OAK	60-70	25	17	D	D	Poor structural condition with broken branching.
20	*Fraxinus species*	ASH	18	13	10.5	D	D	Poor health and condition with main branch die back.
21	*Grevillea robusta*	SILK OAK	60-70	15	14	D	D	Poor structural condition.
22	*Grevillea robusta*	SILK OAK	60	20	11	D	D	Poor structural condition.
23	*Fraxinus species*	ASH	22	16	14.5	D	D	Poor health and condition with branch die back. Multi trunk tree.
24	*Morus*	MULBERRY	14	14	6	E	E	Large bush with branches growing on ground. Not hard tagged.
25	*Xylosma congestum*	XYLOSMA	20	40	9	D	D	Growing in a group with an Ash and a flowering vine. Not hard tagged.
26	*Grevillea robusta*	SILK OAK	60-70	18	13	D	D	Poor structural condition, typical to species.
27	*Grevillea robusta*	SILK OAK	60-70	18	12.5	D	D	Poor structural condition, typical to species.
28	*Grevillea robusta*	SILK OAK	60-70	20	14	D	D	Poor structural condition, typical to species.

LETTTER GRADE LEGEND:

"A" – Outstanding condition: Trees with an "A" grade will have excellent trunk and branch structure, vigorous new growth and healthy leaf color.

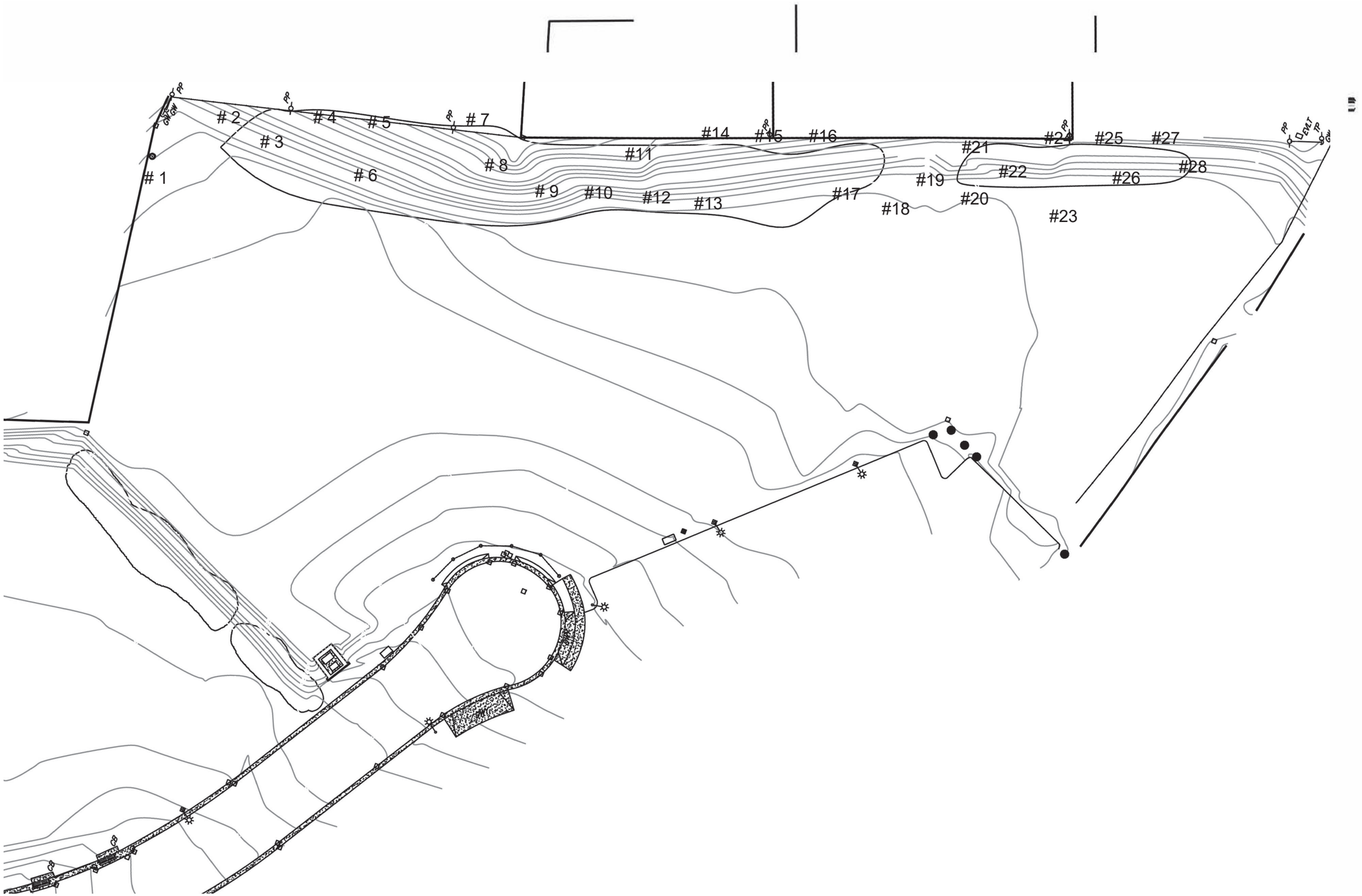
"B" – Good condition: Trees with a "B" grade will have good trunk and branch structure with some slight defects that will not adversely affect the tree long term condition. Leaf color and general health are good.

"C" – Average condition: Most trees growing in a landscape setting will be in average condition. Trees may have branching and trunk defects from improper pruning and maintenance. In general letter "C" grade trees are healthy and will continue to grow in the landscape.

"D" – Below average condition: Tree with a "D" grade will have poor trunk and branch structure, limb and leaf die back with stunted growth and overall plant stress.

"E" – Severe decline that should be removed: Some grade "E" trees may look healthy from a distance but will have major trunk or structural defects warranting removal.

Prepared by:
Steve F. Andresen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#28

Mixture of Elm, Silk Oak and Ash trees.

Thick Elm tree growth.

Large Silk Oaks with dead or dying back Ash trees.

Grouping of large Silk Oaks.

Long view of existing tree stand.

QUALIFICATIONS AND LIMITING CONDITIONS

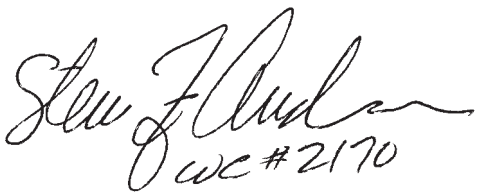
I am a certified arborist in California # WE-2170A with the International Society of Arboriculture and qualified to make this report.

My inspection was a visual examination and based on the condition of the trees at the time of inspection.

QUESTIONS AND COMMENTS

Questions or comments can be directed to:

Steve F. Andresen / Arborist Services
5516 Inspiration Drive
Riverside, CA 92506
ISA WE-2170A (951) 288-3798
sa.arboristservices@gmail.com



Steve F. Andresen **Date: September 12, 2017**

APPENDIX D

Cultural Resources Records Check Results

NAHC

Sacred Lands File Search

Adriane Dorrler

From: Adriane Dorrler
Sent: Friday, August 2, 2019 11:03 AM
To: nahc@nahc.ca.gov
Cc: Linda Kry
Subject: Request for a Sacred Lands File Search_Dudek (#8817.10)
Attachments: 8817.10_NAHC SLF_Request_PDF.pdf; 8817.10_RS Map.pdf

Dear NAHC,

Please find attached the NAHC Sacred Lands File Search request and project location map for the proposed Kaiser Permanente Covina Medical Office Building Project (Dudek #8817.10). Dudek is requesting a NAHC search for any sacred sites, tribal cultural resources, or other places of Native American community value that may fall within a one mile buffer of the proposed project location.

Please let me know if you have any questions regarding this project. You can email the results to me at adorrler@dudek.com.

Thank you in advance,

Adriane Gusick
Associate Archaeologist

DUDEK
mobile: (760) 840-7556
www.dudek.com / www.facebook.com/dudeknews

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Kaiser Permanente Covina Medical Office Building (8817.10)

County: Los Angeles

USGS Quadrangle

Name: San Dimas

Township: 1S Range: 9W Section(s): 19

Company/Firm/Agency:

Dudek

Contact Person: Adriane Gusick

Street Address: 38 N Marengo Avenue

City: Pasadena Zip: 91101

Phone: (760) 840-7556 Extension:

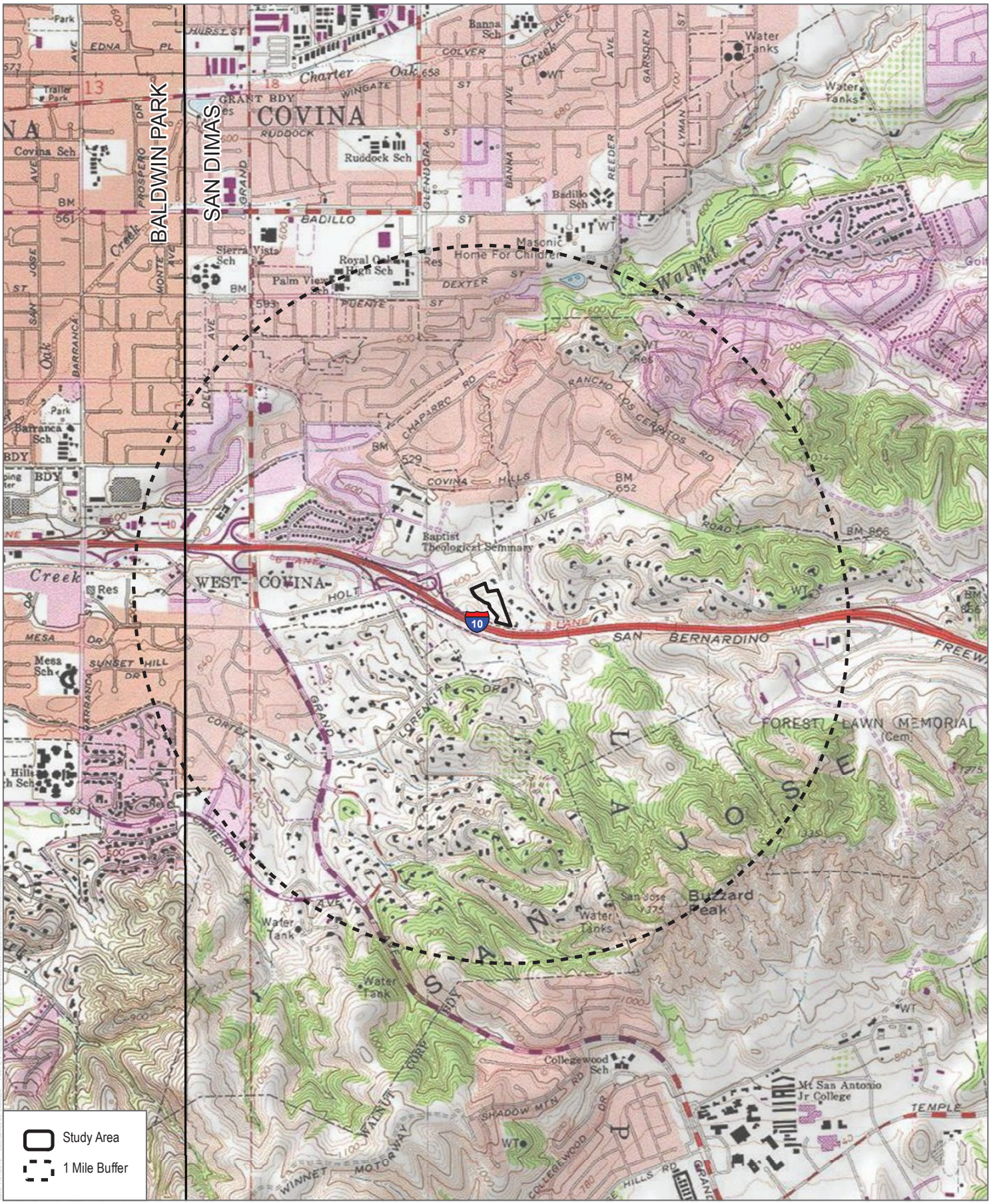
Fax: (760) 632-0164

Email: adorrler@dudek.com

Project Description:

The Kaiser Permanente Covina Medical Office Building Project would include the development of a currently vacant, 3.42-acre project site located at 1664 Park View Drive in the City of Covina. The proposed project would include grading of the project site, the construction of a 58,475–square-foot medical office building, a 4-story parking garage with 256 parking spaces, surface parking with 67 parking spaces and associated infrastructural, utility, and landscaping improvements. The project site consists of Assessor's Parcel Numbers 848-019-052, 8448-019-041, and 8448-019-042.

☑ Project Location Map is attached



SOURCE: USGS 7.5-Minute Series San Dimas and Baldwin Park Quadrangles
Township 1S; Range 9W; Section 19

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

Records Search Map

Kaiser Permanente Covina Medical Office Building Project

Adriane Dorrler

From: Quinn, Steven@NAHC <Steven.Quinn@nahc.ca.gov>
Sent: Tuesday, August 27, 2019 8:15 AM
To: Adriane Dorrler
Subject: Kaiser Permanente Covina Medical Office Building Project
Attachments: SLFYesKaiserPerm 8.27.2019.pdf; KaiserPerm 8.27.2019.pdf

Good Morning,

Attached is the response to the project referenced above. If you have any additional questions, please feel free to contact our office email at nahc@nahc.ca.gov.

Regards,

Steven Quinn
Native American Heritage Commission
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Steven.Quinn@nahc.ca.gov
Direct Line: (916) 573-1033
Office: (916) 373-3710

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

August 27, 2019

Adriane Gusick
Dudek

VIA Email to: adorrler@dudek.com

RE: Kaiser Permanente Covina Medical Office Building Project, Los Angeles County

Dear Ms. Gusick:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were positive. Please contact the Gabrieleno Band of Mission Indians – Kizh Nation on the attached list for more information. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: steven.quinn@nahc.ca.gov.

Sincerely,

Steven Quinn
Associate Governmental Program Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
8/27/2019

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrieleno
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrieleno
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino
Los Angeles, CA, 90012
Phone: (951) 807 - 0479
sgoad@gabrielino-tongva.com

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490 Gabrielino
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street Gabrielino
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Kaiser Permanente Covina Medical Office Building Project, Los Angeles County.

City of Covina

AB 52 Notification Letters

CITY OF COVINA
125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Gabrielino/Tongva Nation
Sam Dunlap, Cultural Resources Director
P.O. Box 86908
Los Angeles, CA 90086
Samdunlap@earthlink.net

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Mr. Dunlap:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

Your band's input is important to the City's planning process. We request that you advise us as early as possible if you wish to consult on the proposed project. If you require any additional information or have any questions, please contact me at 626-384-5450 or via e-mail at blee@covinaca.gov. Thank you for your assistance.

Sincerely,

CITY OF COVINA

Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

CITY OF COVINA
125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Kitanemuk & Yowlumne Tejon Indians
Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA 93305
Deedominguez@juno.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Dominguez:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

Your band's input is important to the City's planning process. We request that you advise us as early as possible if you wish to consult on the proposed project. If you require any additional information or have any questions, please contact me at 626-384-5450 or via e-mail at blee@covinaca.gov. Thank you for your assistance.

Sincerely,

CITY OF COVINA

Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

CITY OF COVINA
125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Barbareño/Ventureño Band of Mission Indians
Julie Lynn Tumamait-Stennslie, Chair
365 North Poli Ave
Ojai, CA 93023
jtumamait@hotmail.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairwoman Tumamait-Stennslie:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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August 12, 2019

San Manuel Band of Mission Indians
Lynn Valbuena, Chairwoman
26569 Community Center
Highland, CA 92346

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairwoman Valbuena:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Director of Community Development

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(626) 384-5400

August 12, 2019

San Fernando Band of Mission Indians
John Valenzuela, Chairperson
P.O. Box 221838
Newhall, CA 91322
Tsen2u@hotmail.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Valenzuela:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

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125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Gabrielino/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA 91778
GTTribalcouncil@aol.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Morales:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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CITY OF COVINA

Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

CITY OF COVINA
125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Coastal Band of the Chumash Nation
Michael Cordero, Chairperson
P.O. Box 4464
Santa Barbara, CA 93140
CbcnTribalChair@gmail.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Cordero:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Director of Community Development

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(626) 384-5400

August 12, 2019

Kern Valley Indian Council
Robert Robinson, Co-Chairperson
P.O. Box 401
Weldon, CA 93283
brobinson@iwvisp.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Robinson:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Brian K. Lee, AICP
Director of Community Development

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125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Gabrielino-Tongva Tribe
Linda Candelaria, Co-Chairperson
1999 Avenue of the Stars, Suite 1100
Los Angeles, CA 90067

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Candelaria:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

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125 East College Street • Covina, CA 91723-2199
www.covinaca.gov
(626) 384-5400

August 12, 2019

Gabrielino Band of Mission Indians- Kizi Nation
Andrew Salas, Chairperson
P.O. Box 393
Covina, CA 91723
gabrielinoindians@yahoo.com

RE: Development of the Kaiser Permanente Medical Office Project - AB 52

Dear Chairperson Salas:

The City of Covina is preparing a Mitigated Negative Declaration (MND) for the proposed Kaiser Permanente Medical Office Project on 1164 Park View Drive. The proposed project will consist of the development of three vacant parcels to construct a 58,800 square foot, three-story medical office building and a five-level parking structure accommodating 344 parking spaces. The proposed project is subject to the California Environmental Quality Act (CEQA).

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Sincerely,

CITY OF COVINA

Brian K. Lee, AICP
Director of Community Development

Enclosure: Project Location Map

Paleontological Records Search

INTENTIONALLY LEFT BLANK

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

25 July 2018

Dudek
605 Third Street
Encinitas, CA 92024

Attn: Michael Williams, Ph.D., Paleontologist

re: Vertebrate Paleontology Records Check for paleontological resources for the proposed Oakmont Senior Living / Memory Care Facility Project, Dudek Project # 8817.0009, in the City of Covina, Los Angeles County, project area

Dear Mike:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for the proposed Oakmont Senior Living / Memory Care Facility Project, Dudek Project # 8817.0009, in the City of Covina, Los Angeles County, project area as outlined on the portion of the San Dimas USGS topographic quadrangle map that you sent to me via e-mail on 11 July 2018. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

In the lower lying terrain of the northern parcel of the proposed project area, the Oakmont site, the surface deposits consist of younger Quaternary Alluvium, derived as alluvial fan deposits from the San Jose Hills immediately to the east via the drainage that flows through the parcel. These deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers, but they may be underlain by older sedimentary deposits that do contain significant fossil vertebrate remains. The southern parcels of the proposed project area, the Park View site, have surface deposits of older Quaternary Alluvium, derived as alluvial fan deposits from the San Jose Hills immediately to the east and south. Our closest vertebrate fossil locality from similar older Quaternary deposits is LACM 1807, northwest of the proposed project area

south of Arrow Highway and east of Irwindale Avenue north of Dalton Wash, that produced a fossil specimen of mastodon, *Mammut americanum*, in a gravel pit at a depth of 115-120 feet below the original surface. Further to the east-southeast of the proposed project area, in the northeastern Puente Hills just southwest of the intersection of the Riverside Freeway (Highway 60) and the Corona Freeway (Highway 71), our older Quaternary locality LACM 8014 produced a fossil specimen of bison, *Bison*, near the surface. A little farther still to the east-southeast from the proposed project area, in English Canyon west of Chino, our older Quaternary locality LACM 1728 produced fossil specimens of horse, *Equus*, and camel, *Camelops*, at a depth of 15 to 20 feet below the surface.

In the surrounding elevated terrain there are exposures of the marine late Miocene Puente Formation, also sometimes considered to be part of the Monterey Formation in this area with the youngest member of the Puente Formation referred to as the Sycamore Canyon Formation. Although the Puente Formation is a marine rock unit, our closest locality from there, LACM 1147, actually produced a tooth of a fossil horse, *Cormohipparion occidentale*, figured in the scientific literature by C. Stock (1928. A tooth of *Hipparion mohavense* from the Puente Formation, California. Carnegie Institution of Washington Publication, 393(6):49-53). Due east of the proposed project area, in the San Jose Hills south of via Verde, our Puente Formation locality LACM 7471 produced a fossil specimen of sunfish, Molidae. A little further to the east and south, but still north of the San Bernardino Freeway (I-10) and west of the Orange Freeway (Highway 57) our Puente Formation locality LACM 6172 produced a fossil specimen of herring, *Etringus*. Just east of due south of the proposed project area, in the hills on the west side of Collegewood Drive, our Puente Formation locality LACM 6171 produced another fossil of herring, *Ganolytes*. To the southwest of the proposed project area, in the San Jose Hills just north-northwest of San Tuze Hill, our Puente Formation locality LACM 6951 produced fossil fish specimens of herrings, *Etringus scintillans* and *Ganolytes cameo*, bristlemouth, *Cyclothone*, deep sea smelts, Bathylagidae, and croaker, *Lompoquia*. Further to the southeast of the proposed project area, south of Temple Avenue and west of Valley Boulevard east of Mount San Antonio Junior College, our Puente Formation locality LACM 7153 produced many specimens of fossil pipefish including the holotype (name bearing specimen of a species new to science) of the pipefish *Syngnathus emeritus*, published by R. A. Fritzsche in 1980 (Revision of the eastern Pacific Syngnathidae (Pisces: Syngnathiformes), including both Recent and fossil forms. Proceedings of the California Academy of Sciences, 42(6):181-227.).

Shallow excavations in the younger Quaternary Alluvium exposed in the northern portion of the proposed project area probably will not uncover significant vertebrate fossil remains. Deeper excavations there that extend down into older deposits, and any excavations in the older Quaternary Alluvium exposed in the souther portion of the proposed project area, however, may well encounter significant fossil vertebrate specimens. Any substantial excavations in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered while not impeding development. Sediment samples should also be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

APPENDIX E

Energy Consumption Modeling Data

Covina Kaiser MOB Project

Project Construction Energy Demand

Construction Worker Gasoline Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Site Preparation	200	1.02	8.78	116.33
Grading	650	3.32	8.78	378.06
Trenching	6,000	30.44	8.78	3,467.08
Building Construction	36,000	182.65	8.78	20,802.54
Architectural Coating	1,700	8.41	8.78	957.38
Paving	1,720	8.50	8.78	968.64
Total				**26,690.05**

Construction Vendor Diesel Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Site Preparation	60	0.75	10.21	73.00
Grading	150	1.86	10.21	182.49
Trenching	1,200	14.88	10.21	1,457.57
Building Construction	8,800	109.13	10.21	10,688.88
Architectural Coating	170	2.10	10.21	205.21
Paving	516	6.36	10.21	622.88
Total				**13,230.03**

Construction Haul Diesel Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Site Preparation	0	0.00	10.21	0.00
Grading	1,376	22.52	10.21	2,206.15
Trenching	0	0.00	10.21	0.00
Building Construction	0	0.00	10.21	0.00
Architectural Coating	0	0.00	10.21	0.00
Paving	0	0.00	10.21	0.00
Total				**2,206.15**

Construction Equipment Diesel Demand

Phase	Pieces of Equipment	Equipment CO_2 (MT)	Kg CO2/Gallon	Gallons
Site Preparation	4	6.36	10.21	623.05
Grading	6	81.12	10.21	7,945.08
Trenching	8	290.64	10.21	28,465.85
Building Construction	5	107.06	10.21	10,485.33
Architectural Coating	4	41.48	10.21	4,062.35
Paving	10	106.93	10.21	10,472.91
Total				**62,054.56**

Construction Equipment Usage

Phase	Hours of Use
Site Preparation	320
Grading	1,200
Trenching	12,800
Building Construction	8,000
Architectural Coating	2,720
Paving	6,536
Total	**31,576**

Covina Kaiser MOB Project

Project Operational Energy Demand

Mobile Source Gasoline Demand

Project Facility	Vehicle MT CO_2	Kg CO2/Gallon	Gallons
Medical Office Building	1,637.67	8.78	186,522.27

Mobile Source Diesel Demand

Project Facility	Vehicle MT CO_2	Kg CO2/Gallon	Gallons
Medical Office Building	127.83	10.21	12,520.42

Electricity Demand

Project Consumption	kWh/Year
Project Buildings	569,720.00
Water/Wastewater	15,242.14
Total	**584,962.14**

Natural Gas Demand

Project Facility	kBTu/Year
Medical Office Building	624,600.00
Total	**624,600.00**

Covina Kaiser MOB - Construction Assumptions

PhaseName	OffRoadEquipmentType	OffRoadEquipmentU	UsageHours	Days	Total Hours	Pieces of Equ	Equip Hours
Site Preparation	Excavators	1	8	10	80	4	320
Site Preparation	Tractors/Loaders/Backhoes	3	8	10	240		
Grading	Graders	2	8	25	400	6	1200
Grading	Scrapers	4	8	25	800		
Trenching	Excavators	4	8	200	6400	8	12800
Trenching	Tractors/Loaders/Backhoes	4	8	200	6400		
Building Construction	Aerial Lifts	2	8	200	3200	5	8000
Building Construction	Cranes	1	8	200	1600		
Building Construction	Forklifts	2	8	200	3200		
Architectural Coating	Aerial Lifts	2	8	85	1360	4	2720
Architectural Coating	Air Compressors	2	8	85	1360		
Paving	Cement and Mortar Mixers	2	6	86	1032	10	6536
Paving	Excavators	2	8	86	1376		
Paving	Rollers	3	8	86	2064		
Paving	Tractors/Loaders/Backhoes	3	8	86	2064		
						Total	31,576

PhaseName	PhaseType	PhaseStartDate	PhaseEndDate	NumDays\	NumDays
Site Preparation	Site Preparation	2020/04/06	2020/04/17	5	10
Grading	Grading	2020/04/20	2020/05/22	5	25
Trenching	Trenching	2020/05/25	2021/02/26	5	200
Building Construction	Building Construction	2020/05/25	2021/02/26	5	200
Architectural Coating	Architectural Coating	2021/02/01	2021/05/28	5	85
Paving	Paving	2021/03/01	2021/06/28	5	86

PhaseName	WorkerTripNumber	VendorTripNumber	HaulingTripNumber	Days	Worker Trips	Vendor Tri	Hauling
Site Preparation	20	6	0	10	200	60	0
Grading	26	6	1376	25	650	150	1,376
Trenching	30	6	0	200	6,000	1,200	0
Building Construction	180	44	0	200	36,000	8,800	0
Architectural Coating	20	2	0	85	1,700	170	0
Paving	20	6	0	86	1,720	516	0

Covina MOB Project
On-Road Emission Factors

EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Los Angeles
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Lookup	Region	CalYr	VehClass	MdlYr	Speed	Fuel	VMT	Proportion	CO2_TOTEX
HHDTGAS	Los Angeles	2022	HHDT	Aggregated	Aggregated	GAS	74274.95516	0.99%	141.7010041
HHDTDSL	Los Angeles	2022	HHDT	Aggregated	Aggregated	DSL	7429489.372	99.01%	14148.75902
LDAGAS	Los Angeles	2022	LDA	Aggregated	Aggregated	GAS	125872632.9	98.93%	41582.97828
LDADSL	Los Angeles	2022	LDA	Aggregated	Aggregated	DSL	1363860.266	1.07%	399.3678022
LDT1GAS	Los Angeles	2022	LDT1	Aggregated	Aggregated	GAS	10977954.72	99.90%	4284.880205
LDT1DSL	Los Angeles	2022	LDT1	Aggregated	Aggregated	DSL	11203.50113	0.10%	4.692653556
LDT2GAS	Los Angeles	2022	LDT2	Aggregated	Aggregated	GAS	49801707.76	99.80%	21732.1023
LDT2DSL	Los Angeles	2022	LDT2	Aggregated	Aggregated	DSL	99400.51192	0.20%	38.31865357
LHDT1GAS	Los Angeles	2022	LHDT1	Aggregated	Aggregated	GAS	1864617.259	48.43%	1578.475858
LHDT1DSL	Los Angeles	2022	LHDT1	Aggregated	Aggregated	DSL	1985308.954	51.57%	1059.445998
LHDT2GAS	Los Angeles	2022	LHDT2	Aggregated	Aggregated	GAS	524377.6888	34.60%	478.1221187
LHDT2DSL	Los Angeles	2022	LHDT2	Aggregated	Aggregated	DSL	991045.6929	65.40%	578.1582501
MCYGAS	Los Angeles	2022	MCY	Aggregated	Aggregated	GAS	1257690.617	100.00%	280.2379602
MDVGAS	Los Angeles	2022	MDV	Aggregated	Aggregated	GAS	28828853.39	97.93%	16942.9306
MDVDSL	Los Angeles	2022	MDV	Aggregated	Aggregated	DSL	609168.2084	2.07%	302.2396746
MHGAS	Los Angeles	2022	MH	Aggregated	Aggregated	GAS	171114.497	79.82%	220.0068175
MHDSL	Los Angeles	2022	MH	Aggregated	Aggregated	DSL	43250.48804	20.18%	47.18255366
MHDTGAS	Los Angeles	2022	MHDT	Aggregated	Aggregated	GAS	642773.9194	13.05%	856.2561405
MHDTDSL	Los Angeles	2022	MHDT	Aggregated	Aggregated	DSL	4281036.181	86.95%	5485.017685
OBUSGAS	Los Angeles	2022	OBUS	Aggregated	Aggregated	GAS	265705.0261	43.19%	348.798365
OBUSDSL	Los Angeles	2022	OBUS	Aggregated	Aggregated	DSL	349553.9869	56.81%	531.334974
SBUSGAS	Los Angeles	2022	SBUS	Aggregated	Aggregated	GAS	55997.61495	33.31%	45.12870596
SBUSDSL	Los Angeles	2022	SBUS	Aggregated	Aggregated	DSL	112131.1352	66.69%	171.7706311
UBUSGAS	Los Angeles	2022	UBUS	Aggregated	Aggregated	GAS	172525.8647	32.04%	318.3419298
UBUSDSL	Los Angeles	2022	UBUS	Aggregated	Aggregated	DSL	365872.3205	67.96%	852.182297

Covina Kaiser MOB Project
Operational Electricity

Total Electricity	kWh/yr
Project Buildings	569,720.00
Water/Wastewater	15,242.14
Total	**584,962.14**

Electricity Intensity Factors - Water/Wastewater

Process	Units	
Supply	kwh/MG	9,727
Treat	kwh/MG	111
Distribute	kwh/MG	1,272
Wastewater Treatment	kwh/MG	1,911
Total	**kwh/MG**	**13,021**

* Electricity intensity factors from CalEEMod Appendix D for Los Angeles County

Electricity Demand - Water/Wastewater

	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	9,727	9,727	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	**kwh/MG**	**13,021**	**11,110**	N/A
Water Consumption				
Project Water	MG/yr	0.77	0.47	1.24
Total	**MG/yr**	**0.8**	**0.5**	**1.2**
Electricity Usage	**kwh/yr**	**9,987**	**5,255**	**15,242**

APPENDIX F

Geotechnical Report

Terracon GeoReport

Geotechnical Report Update

Proposed Medical Office Building
Covina, California

July 23, 2019

Terracon Project No. CB185007A

Prepared for:

Kaiser Permanente

Baldwin Park, CA

Prepared by:

Terracon Consultants, Inc.

Colton, California

July 23, 2019

Kaiser Permanente
1011 Baldwin Park Boulevard
Baldwin Park, CA 91706

Attn: Mr. Ron E. Carnahan, Program Manager
P: (714) 572- 7474
E: ron.e.carnahan@kp.org

Re: Geotechnical Report Update
Proposed Medical Office Building
1164 Park View Drive
Covina, California
Terracon Project No. CB185007A

Dear Mr. Rosson:

We have completed supplemental Geotechnical services for the above referenced project. This study was performed in general accordance with Terracon Proposal No. PCB185007A dated June 26, 2019. This report presents the findings of the 2019 CBC/ASCE 7-16 ground motion study and provides geotechnical recommendations for wall design consistent with the updated ground motion parameters. In addition, we have provided a statement regarding feasibility of on-site stormwater infiltration.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we can be of further service, please contact us.

Sincerely,
Terracon Consultants, Inc.

REGISTERED PROFESSIONAL ENGINEER
FENG YI
No. GE2967
GEOTECHNICAL
STATE OF CALIFORNIA

Fred Yi, Ph.D., G.E. 2967
Senior Geotechnical Engineer

John S. McKeown, E.G. 2396
Senior Geologist

PROFESSIONAL GEOLOGIST
7/23/19
JOHN S. McKEOWN
No. EG2396
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

Jay J. Martin, Principal

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Technical Reviewer

Geotechnical Report Update

Proposed Medical Office Building
1164 Park View Drive
Covina, California

Terracon Project No. CB185007A

July 23, 2019

INTRODUCTION

We previously provided a geotechnical report dated March 13, 2018 for the proposed Medical Office Building (MOB) project that included seismic design parameters based on 2016 CBC/ASCE 7-10. Adoption of 2019 CBC and ASCE 7-16 seismic design methods is forthcoming. This report presents the results of our site-specific ground motion study (as required for near-fault sites) and provides updated settlement and lateral earth pressures using the new seismic design parameters. We also provide a statement regarding feasibility of on-site stormwater infiltration.

1.0 SEISMIC CONSIDERATIONS

Seismic shaking hazard for the site is primarily attributed to the San Jose and Sierra Madre faults.

Site-Specific Ground Motions

The procedures outlined in ASCE 7-16 Chapters 11, 20 and 21 were utilized in preparation of site-specific spectra for the proposed project. The site is approximately 1.9 kilometers from the San Jose fault. The Sierra Madre fault zone is approximately 8 kilometers north-northwest of the site. Based on the soils encountered in explorations and anticipated earthwork and foundation design, the subgrade is classified as Site Class "D" per Table 20.3-1 of ASCE 7-16 with an estimated average shear wave velocity in the upper 100 feet of subsurface soils of 270 m/s. Design acceleration parameters S_{DS}, S_{D1}, S_{MS} and S_{M1} were determined from the site-specific response spectra. The site-specific response spectra in tabular and graphic forms and a discussion of methodology are included in this report.

2019 CBC – Site-Specific Seismic Parameters	
Mapped Spectral Acceleration Parameters [1]	S_s = 1.679 and S_1 = 0.613
Site-Specific Adjusted Maximum Considered Earthquake Spectral Response Parameters	S_{MS} = 1.922 and S_{M1} = 1.341
Site-Specific Design Spectral Acceleration Parameters	S_{DS} = 1.281 and S_{D1} = 0.894
Site-Specific Geomean Peak Ground Acceleration, PGA_m	PGA_m = 0.78g

1. From Applied Technology Council web-based software: https://hazards.atcouncil.org/

The deterministic MCE spectrum is based on a scenario M6.7 event on the San Jose fault system consistent with the Next Generation West 2 (NGA-West 2) attenuation relations used for the 2014 USGS seismic source model at a distance of 1.9 kilometers. The San Jose fault controls ground motion amplitudes at all site periods evaluated. The equally-weighted spectral values from the attenuation relations of Abrahamson and others (ASK 2014), Boore and others (BSSA 2014) Campbell and Borzognia (CB 2014) and Chiou and Youngs (CY 2014) were used for the deterministic MCE spectrum. The MCE spectrum represents 84th-percentile, 5-percent-damped spectral response acceleration in the direction of maximum horizontal response (maximum-rotated) for each period. Maximum-rotated values were obtained using the scaling factors of ASCE 7-16, 21.2. Adjustment to the deterministic limit spectrum was applied as necessary. The deterministic MCE spectra are attached.

The probabilistic MCE spectrum was developed using spectral values obtained with the EZFRISK software program (version 7.65). The values so obtained were scaled using the factors of ASCE 7-16, 21.2. Application of risk coefficients according to Section 21.2.1.1 of ASCE 7-16 was included. Risk coefficients were applied to the probabilistic spectrum based on C_{RS} = 0.917 and C_{R1} = 0.908 to obtain the Risk-Targeted MCE_R spectrum. The probabilistic spectra are attached.

The lesser of the values at any site period from the deterministic MCE and MCE_R probabilistic spectra form the site-specific MCE_R spectrum.

A design response spectrum was determined according to the procedure outlined in ASCE 7-16, Section 21.3, and is equal to two-thirds of the response spectral accelerations of the site-specific MCE_R. The design spectrum is limited by a "floor" at 80 percent of spectral acceleration determined according to ASCE 7-16, Section 11.4.6. The recommended site-specific design response spectrum is attached in tabular and graphic forms.

Per ASCE 7-16, Section 21.4, and based on the site-specific design spectrum, the site-specific values of S_{DS} and S_{D1} are 1.281 and 0.894, respectively. The values of S_{MS} and S_{M1}, taken as 1.5 times these values and adjusted for a lower limit of 80 percent of the “code” based values, are S_{MS} = 1.922 and S_{M1} = 1.341.

We calculated a deterministic geomean PGA of 0.78g and geomean probabilistic PGA of 0.82g. The lesser of the values, 0.78g is greater than 80 percent of the geomean PGA determined by the General Method. Therefore, the site-specific GeoMean PGA_M was taken as 0.78g.

2.0 SEISMIC SETTLEMENT

Based on the site-specific ground motion evaluation, the value of GeoMean PGA (0.78g) is the same as the general method value for the 2016 CBC. Therefore, the conclusions of no liquefaction potential and negligible seismic settlement provided in the March 13, 2018 report remain valid and applicable to the project as currently proposed.

3.0 FEASIBILITY OF ON-SITE INFILTRATION

Based on our field investigation, laboratory testing results and experience in similar soils, it is our opinion that the fines and clay content and shallow siltstone bedrock will limit infiltration to less than than 0.3 inches per hour. We understand that the project design has accommodated this condition and that measures for stormwater handling are incorporated into the project plans.

4.0 SEISMIC LATERAL EARTH PRESSURES

Seismic Lateral Earth Pressure (Cantilevered Wall)

The seismic earth pressure acting on a cantilevered retaining wall was calculated by the Mononobe-Okabe ("M-O") method (Okabe, 1926; Mononobe and Matsuo, 1929). According to AASHTO (LRFD Bridge Design Specifications, Sixth Edition, 2012, Section C11.8.6.2 and A11.3.2), the resulting pseudostatic horizontal seismic coefficient, k_h, could be reduced by 50 percent when 1.0 to 2.0 inches of permanent ground deformation is permitted during the design seismic event, i.e., the pseudostatic horizontal seismic coefficient (k_h) be taken equal to one-half of the PGA, which equates to 0.38g. The pseudostatic vertical seismic coefficient (k_v) is usually taken as 0.0g in accordance with AASHTO (2012). For retaining walls with on-site soils as backfill materials, a unit weight of 122 pounds per cubic foot (pcf) and a friction angle of 30 degrees were utilized in the calculation. These values should be verified prior to construction when the backfill materials and conditions have been determined and are applicable only to level, properly drained backfill with no additional surcharge loadings.

The total lateral active seismic earth pressure (including static active earth pressure) developed at a rate of 81 psf per foot of depth should be utilized for unrestrained conditions. A triangular distribution of total seismic earth pressure (Exhibit D-1[c]) should be used in the design (Atik & Sitar, 2010).

The above lateral earth pressures are for level backfill. If inclined backfills are proposed, this firm should be contacted.

Seismic Lateral Earth Pressure (Restrained Rigid Wall)

In additional to the at-rest earth pressure, a total seismic earth pressure (seismic component only) of $28.5H^2$ pounds, thrusting at 43 percent of wall height from the bottom of the wall, where H is the height of the wall in feet, should be considered for the design of restrained rigid walls (Yi, 2013).

SECTION 111 STATEMENT - LOS ANGELES COUNTY BUILDING CODE

Based on our field investigation and laboratory testing results, it is our opinion that the site will be safe against hazards from landslide, settlement, or slippage provided that the recommendations presented in our report are followed. Also, provided that the recommendations presented in our report are followed, we find that the proposed grading will not adversely affect the geologic stability of the properties adjacent to the site.

GENERAL COMMENTS

As the project progresses, we address assumptions by incorporating information provided by the design team, if any. Revised project information that reflects actual conditions important to our services is reflected in the final report. The design team should collaborate with Terracon to confirm these assumptions and to prepare the final design plans and specifications. This facilitates the incorporation of our opinions related to implementation of our geotechnical recommendations. Any information conveyed prior to the final report is for informational purposes only and should not be considered or used for decision-making purposes.

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Natural variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. Terracon should be retained as the Geotechnical Engineer, where noted in the final report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Our scope of services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence or collaboration through this system are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third party beneficiaries intended. Any third party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance

upon the services and any work product is limited to our client, and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly impact excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety, and cost estimating including, excavation support, and dewatering requirements/design are the responsibility of others. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing.

CLOSURE

This update letter should be considered as part of the original geotechnical report. All remaining recommendations remain valid.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report or if we may be of further service, please contact us.

REFERENCES

References

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Okabe, S., 1926, "General theory of earth pressure," Japan Society of Civil Engineers, Volume 12, No. 1, Tokyo.

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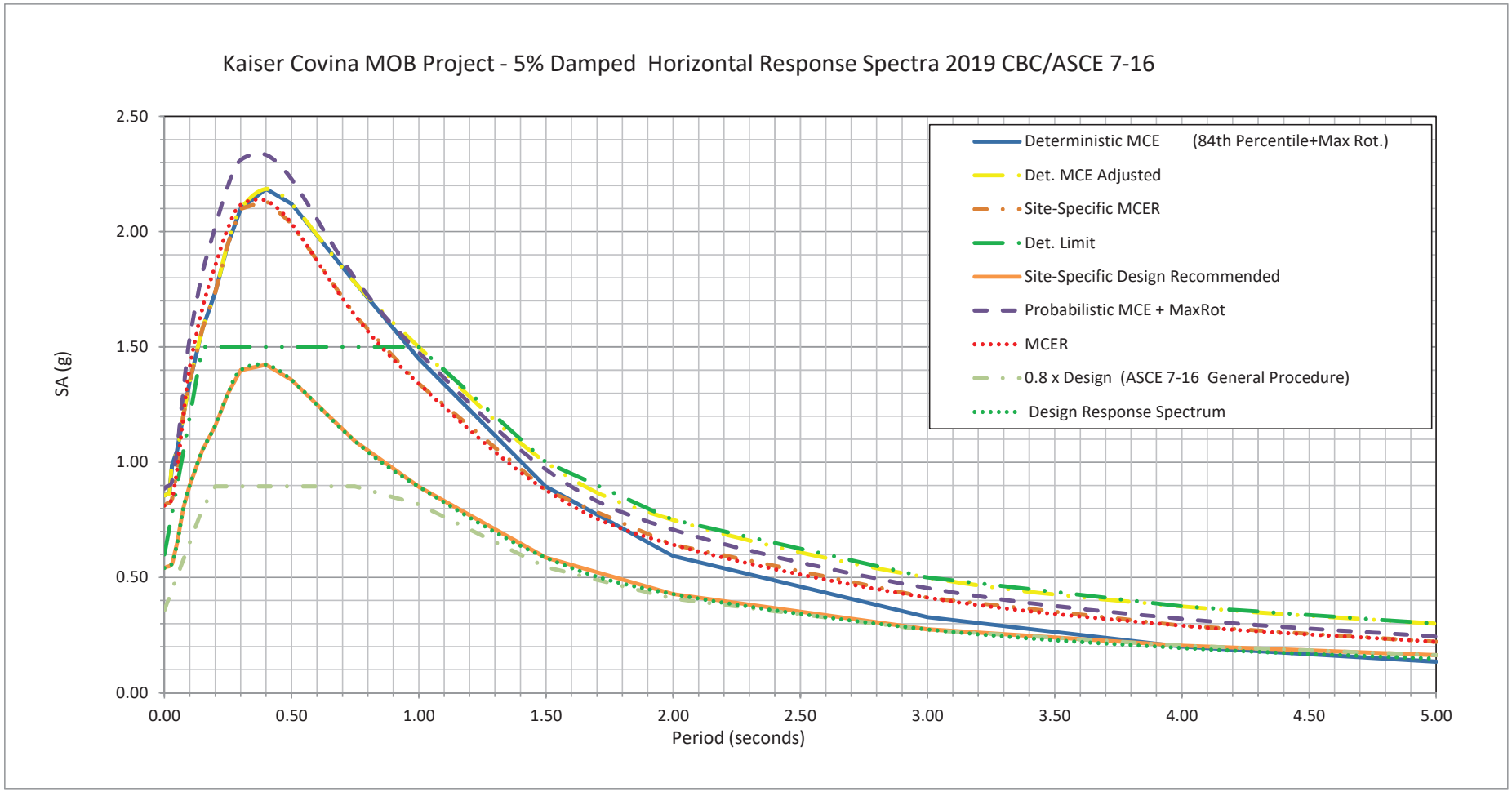
ATTACHMENTS

Kaiser Covina MOB Project: Site-Specific Response Spectra 2019 CBC/ASCE 7-16										
Period (sec)	**Deterministic MCE (84th Percentile+Max Rot.)**	**Det. Limit**	**Det. MCE Adjusted**	**Probabilistic MCE + MaxRot**	**MCE_R**	**Site-Specific MCE_R**	**0.8 x Design (ASCE 7-16 General Procedure)**	**Design Response Spectrum**	**Site-Specific Design Recommended**	**CBC2019 'Code' Spectrum**
0.000	0.856	0.600	0.856	0.886	0.812	0.812	0.358	0.542	0.542	0.448
0.010	0.861	0.660	0.861	0.895	0.821	0.821	0.387	0.547	0.547	0.484
0.020	0.867	0.720	0.867	0.899	0.824	0.824	0.417	0.549	0.549	0.521
0.030	0.990	0.780	0.990	0.917	0.841	0.841	0.446	0.561	0.561	0.558
0.050	1.051	0.900	1.051	1.058	0.970	0.970	0.505	0.647	0.647	0.631
0.075	1.207	1.050	1.207	1.315	1.205	1.205	0.579	0.804	0.804	0.723
0.100	1.350	1.200	1.350	1.541	1.413	1.350	0.652	0.900	0.900	0.815
0.150	1.579	1.500	1.579	1.822	1.670	1.579	0.799	1.053	1.053	0.999
0.200	1.738	1.500	1.738	2.021	1.853	1.738	0.895	1.159	1.159	1.119
0.250	1.949	1.500	1.949	2.199	2.016	1.949	0.895	1.299	1.299	1.119
0.300	2.099	1.500	2.099	2.311	2.116	2.099	0.895	1.399	1.399	1.119
0.400	2.186	1.500	2.186	2.333	2.134	2.134	0.895	1.423	1.423	1.119
0.500	2.121	1.500	2.121	2.228	2.035	2.035	0.895	1.357	1.357	1.119
0.750	1.778	1.500	1.778	1.797	1.637	1.637	0.895	1.091	1.091	1.119
1.000	1.449	1.500	1.500	1.477	1.341	1.341	0.818	0.894	0.894	1.022
1.500	0.894	1.000	1.000	0.968	0.879	0.879	0.545	0.586	0.586	0.681
2.000	0.594	0.750	0.750	0.708	0.642	0.642	0.409	0.428	0.428	0.511
3.000	0.328	0.500	0.500	0.454	0.413	0.413	0.273	0.275	0.275	0.341
4.000	0.200	0.375	0.375	0.321	0.291	0.291	0.204	0.194	0.204	0.256
5.000	0.135	0.300	0.300	0.244	0.221	0.221	0.164	0.148	0.164	0.204


Kaiser Covina MOB Project - 5% Damped Horizontal Response Spectra 2019 CBC/ASCE 7-16
SA (g)
2.50
2.00
1.50
1.00
0.50
0.00
0.00
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
Period (seconds)
Deterministic MCE (84th Percentile+Max Rot.)
Det. MCE Adjusted
Site-Specific MCER
Det. Limit
Site-Specific Design Recommended
Probabilistic MCE + MaxRot
MCER
0.8 x Design (ASCE 7-16 General Procedure)
Design Response Spectrum

Terracon GeoReport

Geotechnical Investigation Report

Proposed Medical Office Building
Covina, California

March 13, 2017
Terracon Project No. CB185007

Prepared for:
Kaiser Permanente
Baldwin Park, CA

Prepared by:
Terracon Consultants, Inc.
Colton, California

March 13, 2017

Kaiser Permanente
1011 Baldwin Park Boulevard
Baldwin Park, CA 91706

Attn: Mr. Steve Rosson
P: (626) 393- 3790
E: example@client.com

Re: Geotechnical Investigation Report
Proposed Medical Office Building
1164 Park View Drive
Covina, California
Terracon Project No. CB185007

Dear Mr./Ms. Client:

We have completed the Geotechnical Investigation services for the above referenced project. This study was performed in general accordance with Terracon Proposal No. PCB185007 dated January 1, 2017. This report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations and floor slabs for the proposed project.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we may be of further service, please contact us.

Sincerely,
Terracon Consultants, Inc.

Fred Yi, Ph.D., G.E. 2967
Senior Geotechnical Engineer

John S. McKeown, E.G. 2396
Senior Geologist

Noah Smith
Technical Reviewer

REPORT TOPICS

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Note: This report was originally delivered in a web-based format. **Orange Bold** text in the report indicates a referenced section heading. The PDF version also includes hyperlinks which direct the reader to that section and clicking on the Terracon GeoReport logo will bring you back to this page. For more interactive features, please view your project online at client.terracon.com.

ATTACHMENTS

EXPLORATION AND TESTING PROCEDURES
SITE LOCATION AND EXPLORATION PLANS
EXPLORATION RESULTS (Boring Logs and Laboratory Data)
GEOTECHNICAL CALCULATIONS
SUPPORTING INFORMATION (General Notes and Unified Soil Classification System)

REPORT SUMMARY

Topic [1]	Overview Statement [2]
Project Description	The project area includes two adjacent parcels forming a contiguous area of approximately 3.5 acres. The planned project includes a Medical Office Building (MOB) and associated parking and may include a parking structure. Adjacent parcels are developed with office and single-family residential.
Geotechnical Characterization	■ No top soil was encountered. ■ Undocumented fill was encountered at depths between 2-1/2 and 12 feet deep ■ Native soils are generally in medium dense to dense status. ■ Bedrock was encountered at depths between 5 and 20 feet ■ Groundwater was encountered at 39 feet ■ Liquefaction hazard potential is low ■ Seismic settlement is negligible
Earthwork	Remove existing fill where encountered. Existing soils can be used for engineered fill The required subexcavation should extend at least 3 feet laterally beyond the footing lines for excavation depth up to 5 feet and 5 feet for excavation depth greater than 5 feet.
Shallow Foundations	■ Shallow foundations will be sufficient if the site is prepared following the recommendations in **Earthwork**. ■ 24 inches compacted fill or competent native underneath footing. ■ Allowable bearing pressure: 2,200 pounds per square foot (psf) with minimum footing width and depth, up to 5,000 psf with increased footing width and/or depth ■ Expected settlements: < 1 inch total, < 1/2 inch differential.
Deep Foundations	Deep foundations are not necessary for this site
Below Grade Structures	Anticipated sub level of parking structure
Pavements	With subgrade prepared as noted in **Earthwork** Asphalt: ■ Auto Parking Areas: 0.25' HMA[3]/0.80' Class 2 AB[4] ■ Auto Roads: 0.25' HMA/0.95' Class 2 AB ■ Truck Parking Areas: 0.30' HMA/1.00' Class 2 AB ■ Truck Ramps and Roads: 0.40' HMA/1.45' Class 2 AB Concrete: ■ Light Duty: 5.0" PCC/Compacted Fill ■ Medium Duty: 6.0" PCC/Compacted Fill ■ Dumpster Pad: 7.5" PCC/Compacted Fill
General Comments	This section contains important information about the limitations of this geotechnical engineering report.

1. If the reader is reviewing this report as a pdf, the topics above can be used to access the appropriate section of the report by simply clicking on the topic itself.
2. This summary is for convenience only. It should be used in conjunction with the entire report for design purposes.

Geotechnical Investigation Report

Proposed Medical Office Building
1164 Park View Drive
Covina, California

Terracon Project No. CB185007
March 13, 2017

INTRODUCTION

This report presents the results of our subsurface exploration and geotechnical engineering services performed for the proposed medical office building to be located at 1164 Park View Drive in Covina, California. The purpose of these services is to provide information and geotechnical engineering recommendations relative to:

- Subsurface soil conditions
- Groundwater conditions and historical high groundwater
- 2016 California Building Code (CBC) seismic design parameters
- Liquefaction potential
- Seismic settlement
- Recommendations for foundation design and concrete slab-on-grade
- Lateral earth pressures
- Subgrade preparation/earthwork recommendations
- Recommendations to mitigate unusual soil conditions encountered
- Recommendations for preliminary pavement section design

The geotechnical engineering scope of services for this project included the advancement of eight test borings to depths ranging from approximately 26-1/2 to 51-1/2 feet below existing site grades.

Maps showing the site and boring locations are shown in the **Site Location** and **Exploration Plan** sections, respectively. The results of the laboratory testing performed on soil samples obtained from the site during the field exploration are included on the boring logs and/or as separate graphs in the **Exploration Results** section of this report.

PROJECT DESCRIPTION

Our initial understanding of the project was provided in our proposal and was discussed in the project planning stage. A period of collaboration has transpired since the project was initiated, and our final understanding of the project conditions is as follows:

Item	Description
Information Provided	Project information was furnished to us via an electronic mail dated January 18, 2018. Information regarding potential building layouts was provided via electronic mail February 13, 2018 We have not identified some of the parameters listed as assumed or unknown in our proposal. Those remain highlighted in this table.
Project Description	The project area includes two adjacent parcels forming a contiguous area of approximately 3.5 acres. The planned project includes a Medical Office Building (MOB) and associated parking and may include a parking structure. Adjacent parcels are developed with office and single-family residential.
Proposed Structures	Multi-story building with a footprint of about 40,000 to 60,000 square feet. The building will be slab-on-grade and may include a parking sub-level
Building Construction	unknown
Finished Floor Elevation	unknown
Maximum Loads	■ Columns: unknown ■ Walls: unknown ■ Slabs: unknown
Grading/Slopes	Up to 10 feet of cut and 5 feet of fill may be required to develop final grade. Final slope angles of 2(h) to 1(v) or flatter are expected
Below Grade Structures	Parking structure with anticipated sub level
Free-Standing Retaining Walls	unknown
Below Grade Areas	Parking sub level
Pavements	Paved driveway and parking will be constructed on site. We assume both rigid (concrete) and flexible (asphalt) pavement sections should be considered. Please confirm this assumption. Anticipated traffic indices (TIs) are as follows for asphalt pavement: ■ Auto Parking Areas: TI=5.0 ■ Auto Roads: TI=5.5 ■ Truck Parking Areas: TI=6.0 ■ Truck Ramps and Roads: TI=8.0 The pavement design period is 20 years. Anticipated average daily truck traffic (ADTT) is as follows for concrete pavement: ■ Light Duty: ADTT=1 (Category A) ■ Medium Duty: ADTT=25 (Category B) ■ Dumpster Pad: ADTT=700 (Category C)
Estimated Start of Construction	unknown

GEOTECHNICAL OVERVIEW

The subsurface soils of the site are described in the **Geotechnical Characterization** section. Based upon our field investigation and test data, it is our opinion that the upper existing soils will not, in their present condition, provide uniform or adequate support for the proposed structure. Based on review of our exploratory boring logs, variable in situ conditions may be present. These conditions may cause unacceptable differential and/or overall settlement upon application of the anticipated foundation loads.

Because of site conditions, it will be necessary to remove upper 24 inches of soils in in all structure and pavement areas. All existing undocumented fill should then be completely removed. The required subexcavation should extend at least 3 feet laterally beyond the footing lines for excavation depth up to 5 feet and 5 feet for excavation depth equal greater than 5 feet. Additional site preparation recommendations including subgrade improvement and fill placement are provided in the **Earthwork** section.

The **Shallow Foundations** section addresses support of the building bearing on engineered fill or competent native material. The **Floor Slabs** section addresses slab-on-grade support of the building. Recommendations for preliminary pavement designs including asphalt concrete pavement and Portland cement concrete pavement are provided in **Pavements** section.

The **General Comments** section provides an understanding of the report limitations.

SITE CONDITIONS

The following description of site conditions is derived from our site visit in association with the field exploration and our review of publicly available geologic and topographic maps.

Item	Description
Parcel Information	The project is located at 1164 Park View Drive in Covina, California. The site is approximately 3.5 acres. Latitude: 34.069510Longitude: -117.860152 (see **Site Location**)
Existing Improvements	No structures. Utilities on pads adjacent to Park View Drive.
Current Ground Cover	Earthen, lightly vegetated
Existing Topography	Level open area with slopes along parcel boundaries

Item	Description
Geology	Field observations and subsurface data indicate that site subsurface conditions consist of fill overlying native older alluvium over siltstone bedrock. See the Regional Site Geology section below for more detailed information

Historic Aerial Photo Examination

Historic imagery dating from 1948 was examined for past site usage. Between 1948 and 1964 the site was planted with citrus orchard. From 1964 until 1980 the site appears undeveloped and was periodically cleared of grasses by disking/ploughing. Park View Drive and adjacent developments appear in imagery dated 1994. The site appears undeveloped after 1994 and in a similar condition to that observed during our field investigation. A small area of soil stockpiles is visible on the southern parcel and construction along the adjacent Caltrans right-of-way is visible in imagery dated 2016. Evidence of landsliding, faulting or other geologic hazards was not observed on the imagery examined for this investigation.

GEOTECHNICAL CHARACTERIZATION

Subsurface Profile

Based on geologic mapping by Morton and Miller (2006), the native geologic materials beneath the site consist of older alluvial-fan deposits of late to middle Pleistocene age. The Geologic Index Map depicts the surface geologic conditions in the area of the project.

We have developed a general characterization of the subsurface soil and groundwater conditions based upon our review of the data and our understanding of the geologic setting and planned construction. The following table provides our geotechnical characterization.

The geotechnical characterization forms the basis of our geotechnical calculations and evaluation of site preparation, foundation options and pavement options. As noted in **General Comments**, the characterization is based upon widely spaced exploration points across the site, and variations are likely.

Stratum	Approximate Depth to Bottom of Stratum (feet)	Material Description	Consistency/Density
Fill	2-1/2 to 12	Undocumented fill, consist of sandy silt or silty sand	Medium dense

Stratum	Approximate Depth to Bottom of Stratum (feet)	Material Description	Consistency/Density
1	6 to 31-1/2	Sandy silt and/or silty sand	Medium dense to dense
2	26-1/2 to 51-1/2	Bedrock, Puente formation siltstone, recovered as sandy silt or silty sand	Dense to very dense
2	Undetermined: Borings terminated within this stratum at the planned depth of approximately 51-1/2 feet	Puente formation siltstone	———

Conditions encountered at each boring location are indicated on the individual boring logs shown in the **Exploration Results** section and are attached to this report. Stratification boundaries on the boring logs represent the approximate location of changes in native soil types; in situ, the transition between materials may be gradual.

Groundwater Conditions

The boreholes were observed while drilling and after completion for the presence and level of groundwater. A delayed water level was obtained in Boring 3. The water levels observed in the boreholes can be found on the boring logs in **Exploration Results**, and are summarized below.

Boring Number	Approximate Depth to Groundwater while Drilling (feet) [1]	Approximate Depth to Groundwater after Drilling (feet) [1]
B-3	43	39 (1/2 hr. reading)

1. Below ground surface

Groundwater was not observed in the remaining borings while drilling, or for the short duration the borings could remain open. Groundwater occurred as seepage in a sandy interval within the Puente Formation and was not encountered at similar depth in other borings.

Groundwater level fluctuations occur due to seasonal variations in the amount of rainfall, runoff and other factors not evident at the time the borings were performed. Therefore, groundwater levels during construction or at other times in the life of the structure may be higher or lower than the levels indicated on the boring logs. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

Historic Groundwater Conditions

The site is located in Section 19 of Township 1 South, Range 9 West, in the Main San Gabriel Valley groundwater basin. The site is not located near groundwater-producing wells documented by State of California or Los Angeles County. Depth-to-groundwater data in the vicinity of the site is based on data from the site explorations, historic groundwater elevation contour maps and evaluation by California Geological Survey of liquefaction potential for the San Dimas quadrangle. These data are summarized in the following table:

Summary of Groundwater Data					
Well/Data Source	**Date Measured**	**Measuring Point Elevation (feet)**	**Depth to Water (feet)**	**Distance from Site (miles)**	**Source**
Contour Map	1944	--	190	--	DWR (1966)
Contour Map	2015	--	200	--	MSGB (2015)
Contour Map	--	--	No data	--	CGS (1998)
B-3	FEB 2018	surface	39	--	--

This data does not indicate a groundwater table within unconsolidated sediments beneath the site.

Hydroconsolidation

To evaluate the potential deformation that may be caused by the addition of water to subsurface soils, hydroconsolidation test was performed on a selected, representative relatively undisturbed sample. The result is shown in Exhibit C-3. The test result indicates slight hydroconsolidation (0.2%) under pressure of 2,000 psf. Based on this test result, hydroconsolidation potential is considered low.

Expansive Soils

Sandy soil materials tested during this investigation exhibited a " low" potential for expansion (expansion index of 38) in accordance with ASTM D4829. The results of these tests are presented in the Exhibit C-7. Hydroconsolidation test was performed on the same type of material and exhibits slight hydroconsolidation potential. Based on both results, it is the opinion of this firm that special structural design and/or construction procedures to specifically mitigate the effects of expansive soil movements are not necessary. Requirements for reinforcing steel to satisfy structural criteria are not affected by this recommendation. Additional evaluation of soils for expansion potential should be conducted by the geotechnical engineer during construction.

SITE GEOLOGY

The site is located at the eastern margin of the San Gabriel Valley—a structural basin of the northern Peninsular Ranges geomorphic province. The adjacent San Jose Hills are low hills are formed by folding of sedimentary and volcanic rocks and contribute to runoff and alluvial debris to the adjacent valleys. The older alluvium underlying the site is largely derived from the La Vida Member of the Puente Formation that crops out near the site and consists primarily of siltstone with lesser sandstone. According to Plate 11 of DWR bulletin 104-2 (1966) the thickness of alluvium in the *vicinity of* the site is on the order of 100 feet. Site explorations encountered bedrock beneath fill or native soils at depths between 5 and 20 feet bgs. The attached Geologic Index Map illustrates the site location relative to local geologic features.

Regional Faulting

The tectonics of the Southern California area are dominated by the interaction of the North American and Pacific tectonic plates, which are sliding past each other in transform motion. Although some of the motion may be accommodated by rotation of crustal blocks such as the western Transverse Ranges (Dickinson, 1996), the San Andreas fault zone is thought to represent the major surface expression of the tectonic boundary and to accommodate most of the slip between the Pacific and North American plates. Some of the slip is accommodated by other northwest-trending strike-slip faults that are related to the San Andreas system, such as the San Jacinto and Elsinore faults. Local compressional or extensional strain resulting from the transform motion along this boundary is accommodated by left-lateral, normal and reverse faults such as the Cucamonga fault. A Regional Fault Map is included with Attachments.

Fault Rupture Potential:
The site is not located within an Alquist-Priolo Earthquake Fault Zone (APZ) designated by the State of California for active faults (CGS, 2018). The closest APZ boundary is designated for the Sierra Madre Fault zone located approximately 4.8 miles to the north-northwest. Known faults or fault-related features are not located within the site; therefore, the potential for fault rupture within the site is considered low.

Walnut Creek Fault:
The Walnut Creek Fault is postulated along the northwest flank of the San Jose Hills and is suggested by few water level differences and petroleum exploration data that substantiate the fault at depth (DWR, 1966). A concealed trace for this fault is depicted on Plate 9A of DWR Bulletin 104-2 (DWR, 1966) approximately ½ mile northwest of the site. This fault is not known to exhibit geologically recent activity and is considered inactive for planning purposes.

San Jose Fault:
The San Jose Fault is located approximately 1.3 miles south-southeast of the site. The San Jose fault is a left-lateral strike slip fault that trends from the southwestern San Jose Hills northeastward to the Upland-Claremont region. Two earthquakes that occurred in June 1988 and February 1990 (local magnitude 4.6 and 5.2, respectively) near the same location in Upland are attributed to the San Jose fault. The San Jose fault is mapped as a concealed feature. The portion of the fault in the Upland area is known only as a groundwater barrier and lacks surface expression.

Indian Hill Fault:
The Indian Hill is located approximately 2 miles northwest of the site. This fault is shown by DWR (1966) and CGS (2010) as concealed beneath alluvium. The Indian Hill Fault is poorly defined with regard to location, sense of slip, activity, and overall geometry. Based on the degraded condition of a scarp feature and the inferred depth of burial, it is reasonable to conclude that the Indian Hill fault is not active according to State of California criteria. The seismic risk posed to the proposed development by the Indian Hill fault is considered to be negligible from both a seismic shaking and ground rupture standpoint.

Sierra Madre Fault Zone:
The Sierra Madre fault zone consists of several arcuate splays that characterize a system of frontal thrust faults that extend from the Santa Monica Mountains in the west to the Cucamonga fault zone and eastern San Gabriel Mountains known as the Transverse Ranges Frontal Fault system (TRFFS). The Duarte section of the Sierra Madre Fault zone is located approximately 4-1/2 miles north-northwest of the site. The M_L 5.8 Sierra Madre earthquake on June 28, 1991 occurred on the Clamshell-Sawpit Canyon fault; an offshoot of the Sierra Madre fault located approximately 10 miles northwest of the site. The February 9, 1971 San Fernando (Sylmar) earthquake (M_W 6.6) occurred on the San Fernando fault; a member of the TRFFS.

San Andreas Fault Zone:
The Mojave section of the San Andreas fault zone is located within the San Bernardino Mountains approximately 23 miles northeast of the site. The San Andreas fault is characterized by youthful fault scarps, aligned vegetation, springs and offset drainages. The southern San Andreas fault zone is divided into ten segments for purposes of seismic hazard modeling. Petersen et al. (2008) postulate a characteristic earthquake magnitude 7.6 for the combined northern and southern Mojave and northern San Bernardino segments of the San Andreas fault zone. The ShakeOut Scenario (USGS, 2008) is a study aimed at identifying the physical, social and economic effects of a major earthquake in southern California and to prepare Californians before such an event occurs. The scenario earthquake selected for ShakeOut is a magnitude 7.8 event on the southern SAFZ, postulated to generate similar events on average every 150 years. Slip for the scenario event is estimated as 9 to 30 feet.

Historical Earthquakes

The following table summarizes significant seismic events in the southern California region in relation to the site.

Summary of Historic Seismicity				
Event ID	**Date**	**Magnitude**	**Distance from Site (miles)**	**Direction from Site**
Whittier Narrows	10/1/1987	5.9	12.6	W
Upland	2/28/1990	5.4	10	NE
Sierra Madre	6/28/1991	5.8	16.3	NW
Landers	6/28/1992	7.3	83	E
Big Bear	6/28/1992	6.4	60	ENE
Northridge	1/17/1994	6.7	41	WNW
Hector Mine	10/16/1999	7.1	99	ENE
Yucaipa (14155260[1])	6/16/2005	4.9	43	E
Chino Hills	7/29/2008	5.4	8.8	SSE
11006189[1]	9/14/2011	4.2	46	ESE
15141521[1]	4/28/2012	3.8	27	NE

1. SCSN earthquake catalog

Seismic shaking hazard for the site is primarily attributed to the Sierra Madre fault, San Andreas fault and San Jose fault.

SLOPE STABILITY

Existing Slopes

The site is bordered by descending slopes along the south, east, and north sides. Fill slopes descend from the site to Parkview Drive along the western site boundary. Slope angles approximate 2(h) to 1(v) with the exception of a slope descending at approximately 1.5(h) to 1(v) from the site to a parking area to the north. These slopes are formed in cut and fill and appear grossly stable by inspection.

Based on the results of our field investigation, laboratory testing program and geotechnical analyses, development of the site is considered feasible from a geotechnical viewpoint provided the conclusions and considerations provided herein are incorporated into the design and construction of the project. New or modified existing slopes should be designed with drainage and erosion protection and graded according to Appendix J of 2016 CBC and applicable local standards.

Surficial Slope Stability

Surficial slope instability typically impacts the upper 3 to 5 feet of the subsurface profile, predominantly during extended wet periods. Regular maintenance should be anticipated to identify and address changes in natural drainage creating potential for soil creep or erosion near improvements. This includes replacing or replanting trees and grasses as necessary and grading the slope to reduce soil creep and erosion. In the event that future surficial slope erosion occurs near the crest of slopes, we recommend the slope face be restored as soon as practical.

Drainage improvements should be designed to direct surface flows away from the face of slopes, convey flows in a controlled manner, and prevent erosion. Surface instability was not observed on the slopes adjacent to the proposed improvements during our site visits. Minor areas of erosion were observed.

Fill slopes should be re-vegetated as soon as possible after grading and protected from erosion until vegetation is established. Slope planting should consist of ground cover, shrubs, and trees, which possess deep, dense root structures that require minimum irrigation. It is the responsibility of the owner to maintain such planting.

Temporary Slopes

Temporary slopes for construction should be managed according to applicable safety and building regulations. The soils on-site are considered Type "C" with regard to CAL/OSHA 2013 excavation standards.

SEISMIC CONSIDERATIONS

Seismic shaking hazard for the site is primarily attributed to the Sierra Madre fault, San Andreas fault and San Jose fault.

Seismic Design Parameters

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The soil profile as determined from explorations indicates a Site Class “D”, stiff soil condition. The seismic design parameters, according to the 2016 California Building Code (CBC) are provided in the following table.

Description	Value
2016 California Building Code Site Classification (CBC) [1]	D [2]
Site Latitude	34.06957
Site Longitude	-117.86075
Mapped Spectral Acceleration Parameters [3]	S_S = 2.19 and S_1 = 0.79
Site Coefficients [3]	F_A = 1.0 and F_V = 1.5
Adjusted Maximum Considered Earthquake Spectral Response Parameters Design Spectral Acceleration Parameters [3]	SM_S = 2.19 and SM_1 = 1.18
Design Spectral Acceleration Parameters [3]	SD_S = 1.46 and SD_1 = 0.79
Peak Ground Acceleration [3]	0.78g
De-aggregated Magnitude	7.7

1. Seismic site classification in general accordance with the *2016 California Building Code*, which refers to ASCE 7-10.
2. The 2016 California Building Code (CBC) uses a site profile extending to a depth of 100 feet for seismic site classification. Borings at this site were extended to a maximum depth of 51-1/2 feet. The site properties below the boring depth to 100 feet were estimated based on our experience and knowledge of geologic conditions of the general area. Additional deeper borings or geophysical testing may be performed to confirm the conditions below the current boring depth.
3. These values were obtained using online seismic design maps and tools provided by the USGS (https://earthquake.usgs.gov/designmaps/us/application.php)

LIQUEFACTION AND SEISMIC SETTLEMENT

Liquefaction Potential

According to the California Geological Survey (1999) the site is not within an area identified as having a potential for liquefaction.

Liquefaction is a process in which strong ground shaking causes saturated soils to lose their strength and behave as a fluid (Matti and Carson, 1991). Ground failure associated with liquefaction can result in severe damage to structures. Soil types susceptible to liquefaction include sand, silty sand, sandy silt and silt, as well as soils having a plasticity index (PI) less than 7 (Boulanger and Idriss, 2006). Loose soils with a PI less than 12 and moisture content greater than 85 percent of the liquid limit are also susceptible to liquefaction (Bray and Sancio, 2006). For sandy soils, the geologic conditions for increased susceptibility to liquefaction are: 1) shallow groundwater (generally less than 50 feet in depth), 2) the presence of unconsolidated sandy alluvium, typically Holocene in age, and 3) strong ground shaking. All three of these conditions must be present for liquefaction to occur.

Due to the depth of groundwater and the dense states of the on-site soils and shallow bedrock encountered, our calculations indicate that there is no liquefaction potential for this site. The seismic settlement is negligible.

SHALLOW FOUNDATIONS

If the site has been prepared in accordance with the requirements noted in **Earthwork**, the following design parameters are applicable for shallow foundations.

Design Parameters – Compressive Loads

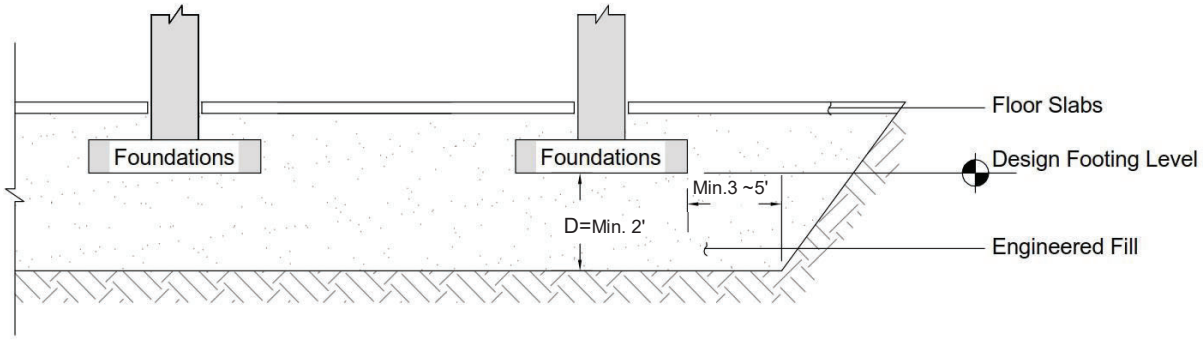
Item	Description
Net Allowable Bearing Pressure [1]	2,200 psf
Required Bearing Stratum [3]	Existing fill or competent native
Minimum Foundation Width	12"
Minimum Footing Depth	24" below finish grade
Increments of Net Allowable Bearing Pressure	400 psf for each additional foot of width 800 psf for each additional foot of depth
Maximum Net Allowable Bearing Pressure [2]	5,000 psf
Ultimate Passive Resistance [4] **(equivalent fluid pressures)**	360 psf/ft
Ultimate Coefficient of Sliding Friction [5]	0.36 (on-site material)
Estimated Total Settlement from Structural Loads [2]	Less than about 1"
Estimated Differential Settlement [2, 7]	About 1/2 of total settlement

Item	Description
1.	The net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation and the pressure for the minimum footing size and embedded depth. An appropriate factor of safety has been applied. These bearing pressures can be increased by 1/3 for transient loads unless those loads have been factored to account for transient conditions. Values assume that exterior grades are no steeper than 20% within 10 feet of structure.
2.	The maximum net allowable bearing pressure is the pressure for maximum loads noted in **Project Description**.
3.	Unsuitable or loose soils should be over-excavated and replaced according to the recommendations presented in the **Earthwork**.
4.	Use of passive earth pressures require the sides of the excavation for the spread footing foundation to be nearly vertical and the concrete placed neat against these vertical faces or that the footing forms be removed and compacted structural fill be placed against the vertical footing face. A factor of safety of 2.0 is recommended.
5.	Can be used to compute sliding resistance where foundations are placed on suitable soil/materials. Should be neglected for foundations subject to net uplift conditions. A factor of safety of 1.5 is recommended.
6.	Embedment necessary to minimize the effects of frost and/or seasonal water content variations. For sloping ground, maintain depth below the lowest adjacent exterior grade within 5 horizontal feet of the structure.
7.	Differential settlements are as measured over a span of 50 feet.

Foundation Construction Considerations

As noted in **Earthwork**, the footing excavations should be evaluated under the direction of the Geotechnical Engineer. The base of all foundation excavations should be free of water and loose soil, prior to placing concrete. Concrete should be placed soon after excavating to reduce bearing soil disturbance. Care should be taken to prevent wetting or drying of the bearing materials during construction. Excessively wet or dry material or any loose/disturbed material in the bottom of the footing excavations should be removed/reconditioned before foundation concrete is placed.

Over-excavation for structural fill placement below footings should be conducted as shown below. The over-excavation should be backfilled up to the footing base elevation as recommended in the **Earthwork** section.



OVER-EXCAVATION / BACKFILL DETAIL
D - Depth of over-excavation beneath foundations

BELOW-GRADE STRUCTURES

The proposed parking structure is anticipated to have a sub level. We recommend the parking structure be located near Boring B-5 to use the deep removal of the undocumented fill.

FLOOR SLABS

To provide adequate support, floor slabs (or concrete slabs-on-grade) should bear on a minimum of 12 inches of compacted soil or competent native. The thickness of the slab-on-grade shall be determined by the designer based on the use and design requirements for the concrete slab-on-grade. For slabs bearing on compacted fill, the top 12 inches of soil should be compacted to 95 percent relative compaction. The final pad surfaces should be rolled to provide smooth, dense surfaces.

Slabs to receive moisture-sensitive coverings should be provided with a vapor retarder/barrier. We recommend that a vapor retarder/barrier be designed and constructed according to the American Concrete Institute 302.1R, Concrete Floor and Slab Construction, which addresses vapor retarder/barrier construction. At a minimum, the vapor retarder/barrier should comply with ASTM E1745 and have a nominal thickness of at least 10 mils. The vapor retarder/barrier should be properly sealed, per the manufacturer's recommendations, and protected from punctures and other damage. Per the Portland Cement Association, for slabs with vapor-sensitive coverings, a layer of dry, granular material (sand), minimum of 4 inches, should be placed under the vapor retarder/barrier. For slabs in humidity-controlled areas, a layer of dry, granular material (sand), minimum of 4 inches, should be placed above the vapor retarder/barrier.

For the subject project, it is also acceptable to place the vapor barrier directly on the compacted soil and then place a layer of dry sand, minimum of 4 inches, on top of the vapor barrier.

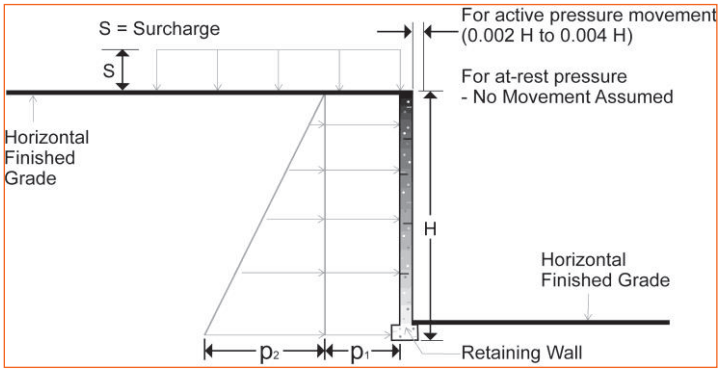
A modulus of vertical subgrade reaction of 200 ksf/ft can be utilized in the design of slabs-on-grade for the proposed structure.

LATERAL EARTH PRESSURES

Design Parameters

Structures with unbalanced backfill levels on opposite sides should be designed for earth pressures at least equal to values indicated in the following table. Earth pressures will be influenced by structural design of the walls, conditions of wall restraint, methods of construction and/or compaction and the strength of the materials being restrained. Two wall restraint conditions

are shown. Active earth pressure is commonly used for design of free-standing cantilever retaining walls and assumes wall movement. The "at-rest" condition assumes no wall movement and is commonly used for basement walls, loading dock walls, or other walls restrained at the top. The recommended design lateral earth pressures do not include a factor of safety and do not provide for possible hydrostatic pressure on the walls (unless stated).



Lateral Earth Pressure Design Parameters				
Earth Pressure Condition [1]	**Coefficient for Backfill Type** [2]	**Surcharge Pressure** [3, 4, 5] **p_1 (psf)**	**Effective Fluid Pressures (psf)** [2, 4, 5]	
			Unsaturated [6]	**Submerged** [6]
Active (Ka)	0.34	(0.34)S	(41)H	---
At-Rest (Ko)	0.50	(0.50)S	(61)H	---
Passive (Kp)	3.00	---	(360)H	---

1. For active earth pressure, wall must rotate about base, with top lateral movements 0.002 H to 0.004 H, where H is wall height. For passive earth pressure, wall must move horizontally to mobilize resistance.
2. Uniform, horizontal backfill, compacted to at least 90 percent of the ASTM D 1557 maximum dry density, rendering a maximum dry density of 110.3 pcf.
3. Uniform surcharge, where S is surcharge pressure.
4. Loading from heavy compaction equipment is not included.
5. No safety factor is included in these values.
6. In order to achieve "Unsaturated" conditions, follow guidelines in **Subsurface Drainage for Below Grade Walls** below. "Submerged" conditions are recommended when drainage behind walls is not incorporated into the design.

Backfill placed against structures should consist of granular soils or low plasticity cohesive soils. For the granular values to be valid, the granular backfill must extend out and up from the base of the wall at an angle of at least 45 and 60 degrees from vertical for the active and passive cases, respectively.

For the design of tied-back or braced shoring, we recommend the use of a rectangularly distributed apparent earth pressure for calculating the total load. In cases where the grade is

level behind the shoring, the recommended pressure distribution is rectangular, with the maximum pressure equal to 28H in pounds per square foot (Exhibit D-1[e]), where H is the height of the shoring in feet. The design engineer should refer to FHWA-IF-99-015 or the latest Caltrans "Trenching and Shoring Manual" for the recommended apparent earth pressure diagram.

For walls 10 feet high or less, a uniform construction surcharge load of 72 psf or an alternative traffic surcharge load of 100 psf should be applied in addition to active earth pressure. If the wall is higher than 10 feet, a uniform construction surcharge load of 72 psf or an alternative traffic surcharge load of 100 psf should be applied only up to 10 feet. The resulting additional surcharge pressure should be applied to the wall as a rectangular distribution, from top to bottom, or 10 feet, whichever is smaller.

These values should be verified prior to construction when the backfill materials and conditions have been determined. These values are applicable only to level, properly drained backfill with no additional surcharge loadings and do not include a factor of safety other than conservative modeling of the soil strength parameters. If inclined backfills are proposed, this firm should be contacted to develop appropriate active earth pressure parameters. If import material is to be utilized for backfill, an engineer from this firm should verify the backfill has equivalent or superior strength values.

Seismic Lateral Earth Pressure (Cantilevered Wall)

The seismic earth pressure acting on a cantilevered retaining wall was calculated by the Mononobe-Okabe ("M-O") method (Okabe, 1926; Mononobe and Matsuo, 1929). According to AASHTO (LRFD Bridge Design Specifications, Sixth Edition, 2012, Section C11.8.6.2 and A11.3.2), the resulting pseudostatic horizontal seismic coefficient, k_h, could be reduced by 50 percent when 1.0 to 2.0 inches of permanent ground deformation is permitted during the design seismic event, i.e., the pseudostatic horizontal seismic coefficient (k_h) be taken equal to one-half of the PGA, which equates to 0.38g. The pseudostatic vertical seismic coefficient (k_v) is usually taken as 0.0g in accordance with AASHTO (2012). For retaining walls with on-site soils as backfill materials, a unit weight of 122 pounds per cubic foot (pcf) and a friction angle of 30 degrees were utilized in the calculation. These values should be verified prior to construction when the backfill materials and conditions have been determined and are applicable only to level, properly drained backfill with no additional surcharge loadings.

The total lateral active seismic earth pressure (including static active earth pressure) developed at a rate of 81 psf per foot of depth should be utilized for unrestrained conditions. A triangular distribution of total seismic earth pressure (Exhibit D-1[c]) should be used in the design (Atik & Sitar, 2010).

The above lateral earth pressures are for level backfill. If inclined backfills are proposed, this firm should be contacted.

Seismic Lateral Earth Pressure (Restrained Rigid Wall)

In additional to the at-rest earth pressure, a total seismic earth pressure (seismic component only) of $28.5H^2$ pounds, thrusting at 43 percent of wall height from the bottom of the wall, where H is the height of the wall in feet, should be considered for the design of restrained rigid walls (Yi, 2013).

Subsurface Drainage for Below Grade Walls

Backfill behind retaining walls should consist of a soil of sufficient granularity that the backfill will properly drain. The granular soil should be classified per the USCS as GW, GP, SW, SP, SW-SM or SP-SM. Surface drainage should be provided to prevent ponding of water behind walls. A drainage system consisting of either or both of the following should be installed behind all retaining walls:

- A 4-inch-diameter perforated PVC (Schedule 40) pipe or equivalent at the base of the stem encased in 2 cubic feet of granular drain material per linear foot of pipe or
- Synthetic drains such as Enkadrain, Miradrain, Hydraway 300 or equivalent.

Perforations in the PVC pipe should be 3/8 inch in diameter and should be placed facing down. Granular drain material should be wrapped with filter cloth such as Mirafi 140 or equivalent to prevent clogging of the drains with fines. Walls should be waterproofed to prevent nuisance seepage and damage. Water should outlet to an approved drain.

PAVEMENTS

General Pavement Comments

Pavement designs are provided for the traffic conditions and pavement life conditions as noted in **Project Description** and in the following sections of this report. A critical aspect of pavement performance is site preparation. Pavement designs, noted in this section, must be applied to the site, which has been prepared as recommended in the **Earthwork** section.

Pavement Design Parameters

Design of asphalt concrete (AC) pavements is based on the procedures outlined in the Caltrans "Highway Design Manual for Safety Roadside Rest Areas" (Caltrans, 2016). Design of Portland

cement concrete (PCC) pavements are based upon American Concrete Institute (ACI) 330R-08; "Guide for Design and Construction of Concrete Parking Lots."

R-value testing was performed on a sample from Boring No. B-4 at depth between 5 and 10 feet assuming a sub level of parking structure. Test result indicates an R-value of 8 (Exhibit C-8). An R-value of 8 was used for the AC pavement and a modulus of subgrade reaction of 61.9 pound per cubic inch (pci) for PCC pavement designs. A modulus of rupture of 600 psi was used for pavement concrete. The structural sections are predicated upon proper compaction of the utility trench backfills and the subgrade soils as prescribed by in **Earthwork**, with the upper 12 inches of subgrade soils and all aggregate base material brought to a minimum relative compaction of 95 percent in accordance with ASTM D1557 prior to paving. The aggregate base should meet Caltrans requirements for Class 2 base.

It should be noted that the pavement designs were based upon the results of preliminary sampling and testing and should be verified by additional sampling and testing during construction when the actual subgrade soils are exposed.

Pavement Section Thicknesses

The following table provides options for AC and PCC Sections:

Asphaltic Concrete Design			
Usage	**Traffic Index**	**R-Value**	**Recommended Structural Section**
Auto Parking Areas	5.0	8	0.25' HMA[1]/0.80' Class 2 AB[2]
Auto Roads	5.5	8	0.25' HMA[1]/0.95' Class 2 AB[2]
Truck Parking Areas	6.0	8	0.30' HMA[1]/1.00' Class 2 AB[2]
Truck Ramps and Roads	8.0	8	0.40' HMA[1]/1.45' Class 2 AB[2]

1. HMA = hot mix asphalt
2. AB = aggregate base

Portland Cement Concrete Design			
Layer	Thickness (inches)		
	Light Duty[1]	Medium Duty[2]	Dumpster Pad[3]
PCC	5.0	6.0	7.5
Aggregate Base [4]	--	--	--

1. Car Parking and Access Lanes, Average Daily Truck Traffic (ADTT) = 1 (Category A).
2. Truck Parking Areas, Multiple Units, ADTT = 25 (Category B)
3. In areas of anticipated heavy traffic, fire trucks, delivery trucks, or concentrated loads (e.g., dumpster pads), and areas with repeated turning or maneuvering of heavy vehicles, ADTT = 700 (Category C).
4. Aggregate base is not required. Compacted on-site material is considered competent.

Recommended structural sections were calculated based on assumed TIs and our preliminary sampling and testing. For other TIs, the structural sections provided in Exhibit D-2 should provide satisfactory AC pavement.

Terracon does not practice traffic engineering. We recommend that the project civil engineer or traffic engineer verify that the TIs and ADTT traffic indices used are appropriate for this project.

Pavement Drainage

Pavements should be sloped to provide rapid drainage of surface water. Water allowed to pond on or adjacent to pavement could saturate the subgrade and contribute to premature pavement deterioration. In addition, the pavement subgrade should be graded to provide positive drainage within the granular base section. Appropriate sub-drainage or connection to a suitable daylight outlet should be provided to remove water from the granular subbase.

Pavement Maintenance

The pavement sections represent minimum recommended thicknesses and, as such, periodic maintenance should be anticipated. Therefore, preventive maintenance should be planned and provided for through an ongoing pavement management program. Maintenance activities are intended to slow the rate of pavement deterioration and to preserve the pavement investment. Maintenance consists of both localized maintenance (e.g., crack and joint sealing and patching) and global maintenance (e.g., surface sealing). Preventive maintenance is usually the priority when implementing a pavement maintenance program. Additional engineering observation is recommended to determine the type and extent of a cost-effective program. Even with periodic maintenance, some movements and related cracking may still occur and repairs may be required.

Pavement performance is affected by its surroundings. In addition to providing preventive maintenance, the civil engineer should consider the following recommendations in the design and layout of pavements:

- Final grade adjacent to paved areas should slope down from the edges at a minimum 2%.
- Subgrade and pavement surfaces should have a minimum 2% slope to promote proper surface drainage.
- Install below pavement drainage systems surrounding areas anticipated for frequent wetting.
- Install joint sealant and seal cracks immediately.
- Seal all landscaped areas in or adjacent to pavements to reduce moisture migration to subgrade soils.
- Place compacted, low permeability backfill against the exterior side of curb and gutter.
- Place curb, gutter and/or sidewalk directly on clay subgrade soils rather than on unbound granular base course materials.

EARTHWORK

Earthwork will include clearing and grubbing, excavations and fill placement. The following sections provide recommendations for use in the preparation of specifications for the work. Recommendations include critical quality criteria as necessary to render the site in the state considered in our geotechnical engineering evaluation for foundations, floor slabs, and pavements.

General Site Grading

It is imperative that no construction operations be performed without the presence of a representative of the geotechnical engineer. An on-site, pre-job meeting with the owner, the contractor and the geotechnical engineer should occur prior to all grading-related operations. Operations undertaken at the site without the geotechnical engineer present may result in exclusions of affected areas from the final compaction report for the project.

Grading of the subject site should be performed, at a minimum, in accordance with these recommendations and with applicable portions of the CBC. The following recommendations are presented for your assistance in establishing proper grading criteria.

Initial Site Preparation

All areas to be graded should be stripped or cleaned of significant vegetation, any rocks greater than 8 inches in largest dimension and other deleterious materials. These materials should be removed from the site for disposal. The cleaned soils may be reused as properly compacted fill.

If encountered, existing utility lines should be traced, removed and rerouted from areas to be graded.

Undocumented Fill

As noted in **Geotechnical Characterization**, undocumented fill was encountered in all borings at depths between approximately 2-1/2 and 12 feet bgs. Undocumented fill may exist in other localized areas. In order to assist in the identification of undocumented fill and/or loose native materials, it is recommended that the upper 24 inches of soils be removed in all structure and pavement areas. All existing undocumented fill should then be completely removed. The estimated area of undocumented fill deeper than 5 feet is shown in **Exploration Plan**. Undocumented fill of 12 feet bgs was encountered in Boring B-5. The portion of deep removal may be used as the sub level of the proposed parking structure if it is to be located within this area.

The open excavation bottoms should then be observed by Terracon representative to verify and document in writing that all loose native soils or any undocumented fill is removed prior to refilling with properly tested and documented compacted fill. The bottom of the excavation should then be prepared in accordance with the recommendations provided in the "Preparation of Fill Areas" section below. The removed soils may be processed and reused as compacted fill.

Cavities created by removal of subsurface obstructions, such as structures, effluent disposal systems or trees stocks, should be thoroughly cleaned of loose soil, organic matter and other deleterious materials, shaped to provide access for construction equipment and backfilled as recommended for site fill.

Preparation of Fill Areas

Prior to placing fill, and after the mandatory subexcavation operation with all undocumented fill and/or loose native removed, the surfaces of all areas to receive fill should be scarified to a depth of 12 inches or more. The scarified soils should be brought to near optimum moisture content and recompacted to a minimum relative compaction of 90 percent in accordance with ASTM D1557.

Preparation of Footing Areas

All footings should rest upon at least 24 inches of properly compacted fill material or competent native soils. In areas where the required thickness of compacted fill is not accomplished by site rough grading, mandatory subexcavation operation and undocumented fill removal, the footing areas should be further subexcavated. The required subexcavation should extend at least 3 feet laterally beyond the footing lines for excavation depth up to 5 feet and 5 feet for excavation depth greater than 5 feet. The bottom of this excavation should then be scarified to a depth of at least

12 inches, brought to near optimum moisture content, and recompacted to a minimum of 90 percent relative compaction in accordance with ASTM D1557 prior to refilling the excavation to the required grade as properly compacted fill.

Foundation concrete should be placed in neat excavations with vertical sides, or the concrete should be formed and the excavations properly backfilled as recommended for compacted fill.

Fill Material Types

Fill required to achieve design grade should be classified as structural fill and general fill. Structural fill is material used below or within 10 feet of structures, pavements or constructed slopes. General fill is material used to achieve grade outside of these areas. The on-site soils should provide adequate quality fill material provided they are free from organic matter and other deleterious materials. Rocks or similar irreducible material with a maximum dimension greater than 8 inches should not be buried or placed in fills.

Import fill, if utilized, should be inorganic, non-expansive granular soils free from rocks or lumps greater than 3 inches in maximum dimension and should meet the following material property requirements.

Gradation	Percent Passing (ASTM C 136)
3-inches	100
No. 4 Sieve	50 to 100
No. 200 Sieve	10 to 40
Index	**Value**
Liquid Limit	30 (max)
Plasticity Index	15 (max)
Maximum expansive index [1]	20 (max)

1. ASTM D 4829.

The contractor shall notify the geotechnical engineer of import sources sufficiently ahead of their use so that the sources can be observed and approved as to the physical characteristic of the import material. For all import material, the contractor shall also submit current verified reports from a recognized analytical laboratory indicating that the import has a "not applicable" (Class S0) potential for sulfate attack based upon current ACI criteria and is "mildly corrosive" to ferrous metal and copper. The reports shall be accompanied by a written statement from the contractor that the laboratory test results are representative of all import material that will be brought to the job.

Fill Compaction Requirements

Structural and general fill should meet the following compaction requirements.

Item	Structural Fill	General Fill
Maximum Lift Thickness	8 inches or less in loose thickness when heavy, self-propelled compaction equipment is used 4 to 6 inches in loose thickness when hand-guided equipment (i.e. jumping jack or plate compactor) is used	Same as Structural fill
Minimum Compaction Requirements [1]	Minimum 90% relative compaction for all compacted structural fills depth up to 5 feet below finish grade Minimum 93% relative compaction for all compacted structural fills depth between 5 and 10 feet below finish grade Minimum 95% relative compaction for all compacted structural fills depth deeper than 10 feet below finish grade	Minimum 90% relative compaction
Water Content Range [1]	-2% to +2% of optimum	As required to achieve min. compaction requirements

1. Maximum density and optimum water content as determined by the standard Proctor test (ASTM D 1557).

Grading and Drainage

All grades must provide effective drainage away from the building during and after construction and should be maintained throughout the life of the structure. Water retained next to the building can result in soil movements greater than those discussed in this report. Greater movements can result in unacceptable differential floor slab and/or foundation movements, cracked slabs and walls, and roof leaks. The roof should have gutters/drains with downspouts that discharge onto splash blocks at a distance of at least 10 feet from the building.

Exposed ground should be sloped and maintained at a minimum 3 percent away from the building for at least 10 feet beyond the perimeter of the building. Locally, flatter grades may be necessary to transition ADA access requirements for flatwork. After building construction and landscaping, final grades should be verified to document effective drainage has been achieved. Grades around the structure should also be periodically inspected and adjusted as necessary as part of the structure's maintenance program. Where paving or flatwork abuts the structure a maintenance program should be established to effectively seal and maintain joints and prevent surface water infiltration.

Shrinkage

Based upon the relative compaction of the native soils tested during this investigation and the relative compaction anticipated for compacted fill soils, we estimate compaction shrinkage of approximately 10 to 20 percent. Therefore, 1.10 to 1.20 cubic yards of in-place soil material would be necessary to yield 1 cubic yard of properly compacted fill material. These values are exclusive of losses due to stripping, tree removal or the removal of other subsurface obstructions, if encountered, and may vary due to differing conditions within the project boundaries and the limitations of this investigation.

Values presented for shrinkage and subsidence are estimates only. Final grades should be adjusted and/or contingency plans to import or export material should be made to accommodate possible variations in actual quantities during site grading.

It is crucial that the geotechnical engineer be present to observe these operations. Further recommendations may be made in the field, depending on the actual conditions encountered.

Earthwork Construction Considerations

Shallow excavations, for the proposed structure, are anticipated to be accomplished with conventional construction equipment. Upon completion of filling and grading, care should be taken to maintain the subgrade water content prior to construction of floor slabs. Construction traffic over the completed subgrades should be avoided. The site should also be graded to prevent ponding of surface water on the prepared subgrades or in excavations. Water collecting over, or adjacent to, construction areas should be removed. If the subgrade freezes, desiccates, saturates, or is disturbed, the affected material should be removed, or the materials should be scarified, moisture conditioned, and recompacted, prior to floor slab construction.

As a minimum, excavations should be performed in accordance with OSHA 29 CFR, Part 1926, Subpart P, “Excavations” and its appendices, and in accordance with any applicable local, and/or state regulations.

Construction site safety is the sole responsibility of the contractor who controls the means, methods, and sequencing of construction operations. Under no circumstances shall the information provided herein be interpreted to mean Terracon is assuming responsibility for construction site safety, or the contractor's activities; such responsibility shall neither be implied nor inferred.

Construction Observation and Testing

The earthwork efforts should be monitored under the direction of the geotechnical engineer. Monitoring should include documentation of adequate removal of vegetation and top soil, proof-rolling and mitigation of areas delineated by the proof-roll to require mitigation.

Each lift of compacted fill should be tested, evaluated, and reworked as necessary until approved by the geotechnical engineer prior to placement of additional lifts. Each lift of fill should be tested for density and water content at a frequency of at least one test for every 2,500 square feet of compacted fill in the structure areas and 5,000 square feet in pavement areas. One density and water content test should be performed for each 1-foot lift, for every 250 linear feet of compacted utility trench backfill.

In areas of foundation excavations, the bearing subgrade should be evaluated under the direction of the geotechnical engineer. In the event unanticipated conditions are encountered, the geotechnical engineer should prescribe mitigation options.

In addition to the documentation of the essential parameters necessary for construction, the continuation of the geotechnical engineer into the construction phase of the project enables the geotechnical engineer to evaluate subsurface conditions, including assessing variations and associated design changes.

CORROSIVITY

Selected samples of materials were delivered to HDR, Inc. for preliminary soil corrosivity testing. Laboratory testing consisted of pH, resistivity and major soluble salts commonly found in soils. The results of the laboratory tests performed by HDR, Inc. appear in Exhibit C-10.

These tests have been performed to screen the site for potentially corrosive soils. Values from the soil tested are considered potentially "moderately corrosive" and "corrosive" to ferrous metals at as-received condition and saturated conditions, respectively. Specific corrosion control measures, such as coating of the pipe with non-corrosive material or alternative non-metallic pipe material, will be needed.

Results of the soluble sulfate testing indicate a "not applicable" (Class S0) anticipated exposure to sulfate attack. Based on the criteria from Table 4.3.1. of the American Concrete Institute "Manual of Concrete Practice" (2011), no special measures, such as specific cement types or water-cement ratios, will be needed for this "not applicable" exposure to sulfate attack.

The soluble chloride content of the soils tested was not at levels high enough to be of concern with respect to corrosion of reinforcing steel. The results should be considered in combination

with the soluble chloride content of the hardened concrete in determining the effect of chloride on the corrosion of reinforcing steel.

Ammonium and nitrate levels did not indicate a concern as to corrosion of buried copper.

Terracon does not practice corrosion engineering. If further information concerning the corrosion characteristics, or interpretation of the results submitted herein, is required, then a competent corrosion engineer could be consulted.

GENERAL COMMENTS

As the project progresses, we address assumptions by incorporating information provided by the design team, if any. Revised project information that reflects actual conditions important to our services is reflected in the final report. The design team should collaborate with Terracon to confirm these assumptions and to prepare the final design plans and specifications. This facilitates the incorporation of our opinions related to implementation of our geotechnical recommendations. Any information conveyed prior to the final report is for informational purposes only and should not be considered or used for decision-making purposes.

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Natural variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. Terracon should be retained as the Geotechnical Engineer, where noted in the final report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Our scope of services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence or collaboration through this system are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third party beneficiaries intended. Any third party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client, and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly impact excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety, and cost estimating including, excavation support, and dewatering requirements/design are the responsibility of others. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing.

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Aerial Imagery Examined

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ATTACHMENTS

EXPLORATION AND TESTING PROCEDURES

Field Exploration

Number of Borings	Boring Depth (feet)	Locations
3	26-1/2	See **Exploration Plan**
3	29-1/3 to 31-1/2	See **Exploration Plan**
2	51-1/2	See **Exploration Plan**

Boring Layout and Elevations: Unless otherwise noted, Terracon personnel provide the boring layout. Coordinates are obtained with a handheld GPS unit (estimated horizontal accuracy of about ±10 feet). If elevations and a more precise boring layout are desired, we recommend borings be surveyed following completion of fieldwork.

Subsurface Exploration Procedures: We advance the borings with a truck-mounted drill rig using hollow stem augers. Both a standard penetration test (SPT) sampler (2-inch outer diameter and 1-3/8-inch inner diameter) and a modified California ring-lined sampler (3-1/4-inch outer diameter and 2-3/8-inch inner diameter) are utilized in our investigation. The penetration resistance is recorded on the boring logs as the number of hammer blows used to advance the sampler in 6-inch increments (or less if noted). The samplers are driven with an automatic hammer that drops a 140-pound weight 30 inches for each blow. After the required seating, samplers are advanced up to 18 inches, providing up to three sets of blow counts at each sampling interval. The sampling depths, penetration distances, and other sampling information are recorded on the field boring logs. The recorded blows are raw numbers without any corrections for hammer type (automatic vs. manual cathead) or sampler size (ring sampler vs. SPT sampler). Relatively undisturbed and bulk samples of the soils encountered are placed in sealed containers and returned to the laboratory for testing and evaluation.

We observe and record groundwater levels during drilling and sampling. For safety purposes, all borings are backfilled with auger cuttings after their completion. Pavements, if encountered, are patched with cold-mix asphalt and/or pre-mixed concrete, as appropriate.

The sampling depths, penetration distances, and other sampling information are recorded on the field boring logs. The samples are placed in appropriate containers and taken to our soil laboratory for testing and classification by a geotechnical engineer. Our exploration team prepares field boring logs as part of the drilling operations. These field logs include visual classifications of the materials encountered during drilling and our interpretation of the subsurface conditions between samples. Final boring logs are prepared from the field logs. The final boring logs represent the geotechnical engineer's interpretation of the field logs and include modifications based on observations and tests of the samples in our laboratory.

Laboratory Testing

The project engineer reviews the field data and assigns various laboratory tests to better understand the engineering properties of the various soil and bedrock strata as necessary for this project. Procedural standards noted below are for reference to methodology in general. In some cases, variations to methods are applied because of local practice or professional judgment. Standards noted below include reference to other, related standards. Such references are not necessarily applicable to describe the specific test performed.

- ASTM D2216 Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil by Mass
- ASTM D7263 Standard Test Methods for Laboratory Determination of Density (Unit Weight) of Soil Specimens
- ASTM D4318 Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils, if needed
- ASTM D6913 Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
- ASTM D1140 Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing
- ASTM D1557 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort
- ASTM D4546 Standard Test Methods for One-Dimensional Swell or Collapse of Soils
- ASTM D3080/D3080M Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions
- ASTM D4829 Standard Test Method for Expansion Index of Soils
- ASTM D2419 Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate
- ASTM D2844 Standard Test Method for Resistance R-Value and Expansion Pressure of Compacted Soils
- Soil Resistivity and chemical analysis per ASTM G187, ASTM D6919, ASTM D4327, and APHA 2320-B, etc.

The laboratory testing program often includes examination of soil samples by an engineer. Based on the material's texture and plasticity, we describe and classify the soil samples in accordance with the Unified Soil Classification System.

SITE LOCATION AND EXPLORATION PLANS

SITE LOCATION

Proposed Medical Office Building ■ Covina, CA
March 8, 2018 ■ Terracon Project No. CB185007

Terracon GeoReport

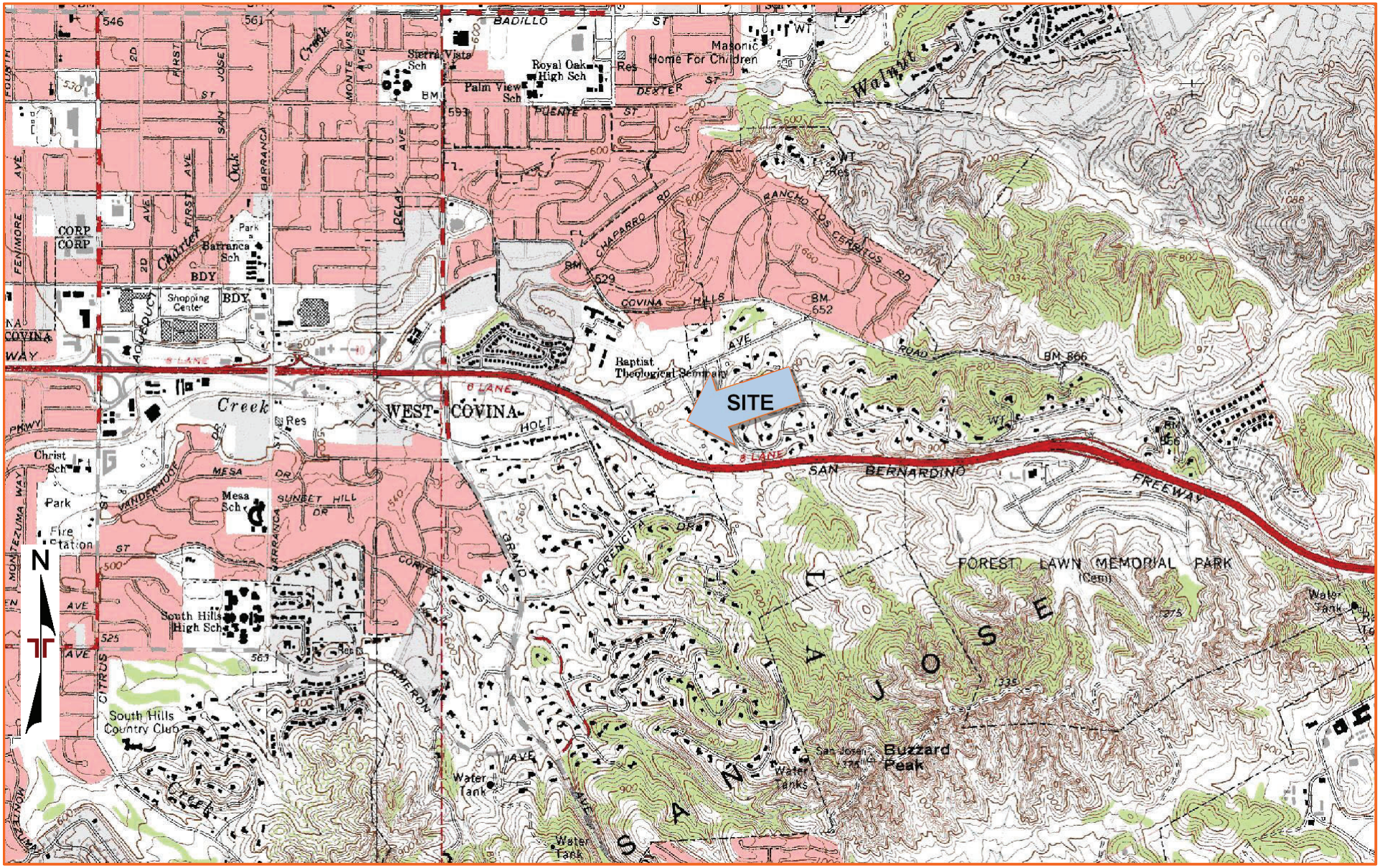


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY QUADRANGLES INCLUDE: BALDWIN PARK, CA (1/1/1981) and SAN DIMAS, CA (1/1/1981).

EXPLORATION PLAN

Proposed Medical Office Building ■ Covina, CA
March 8, 2018 ■ Terracon Project No. CB185007

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

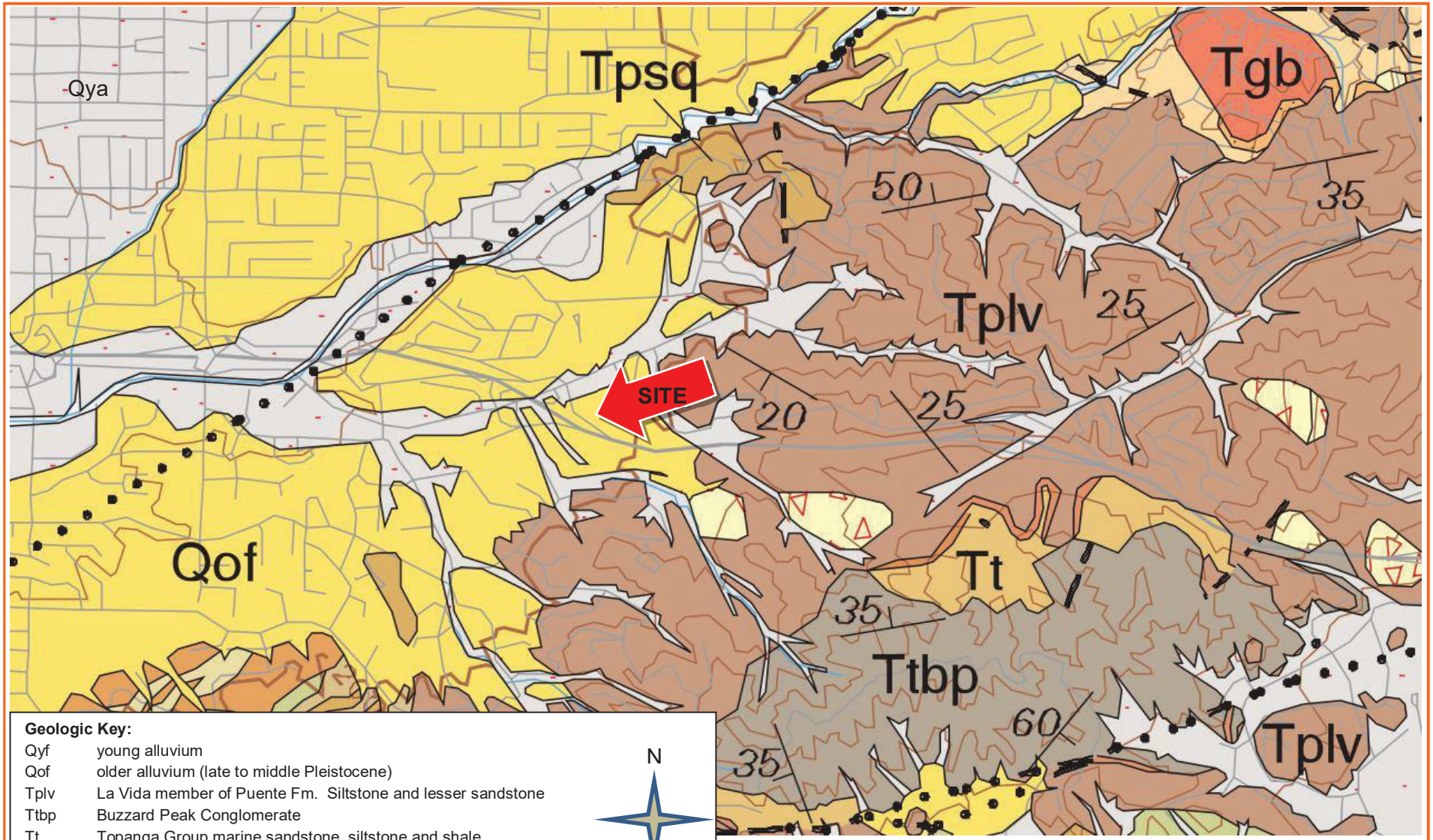
AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

GEOLOGIC INDEX MAP

Kaiser MOB ■ Covina, CA

February 22, 2018 ■ Terracon Project No. CB185007

Terracon GeoReport



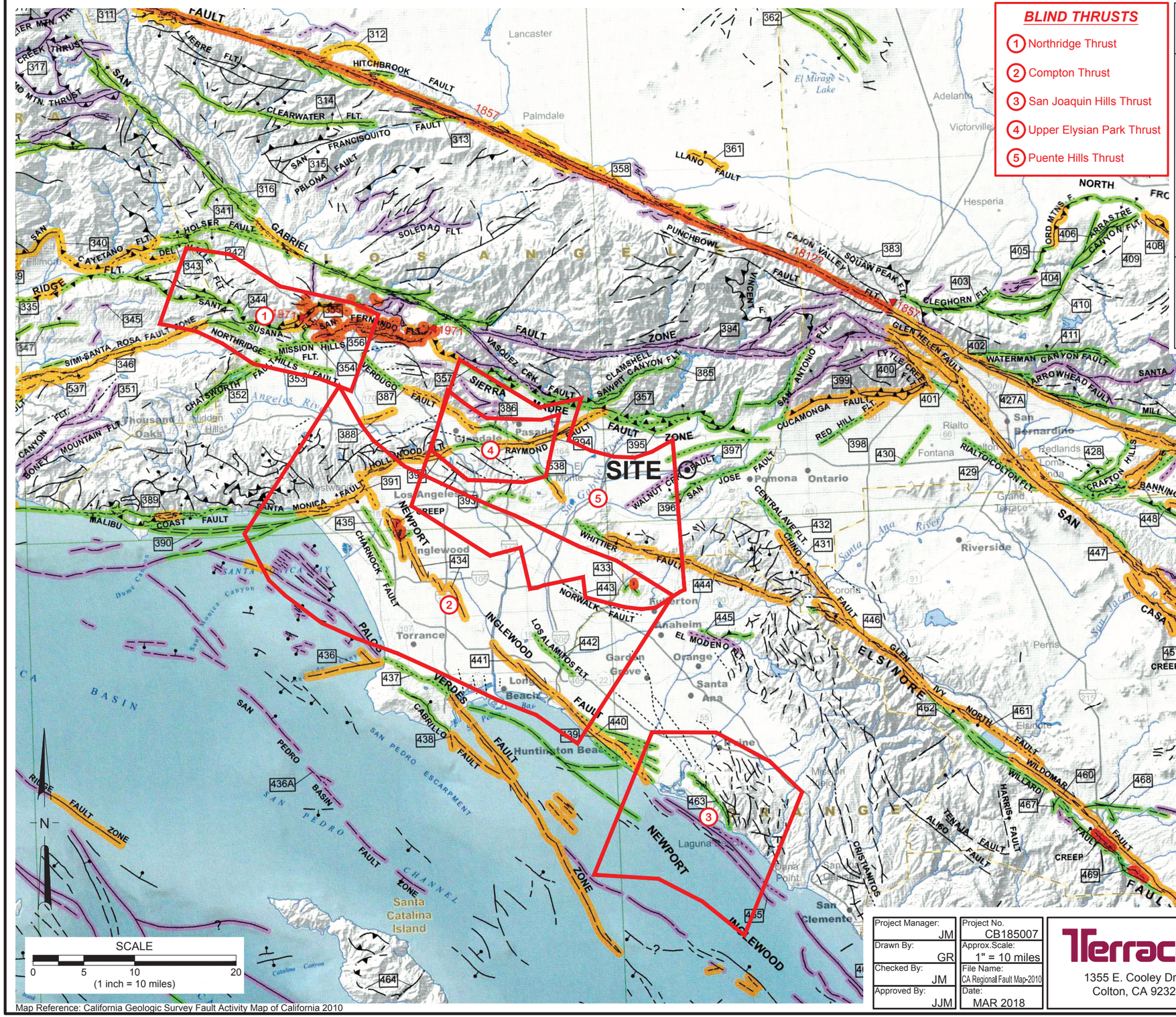
Geologic Key:

Qyf	young alluvium
Qof	older alluvium (late to middle Pleistocene)
Tplv	La Vida member of Puente Fm. Siltstone and lesser sandstone
Ttbp	Buzzard Peak Conglomerate
Tt	Topanga Group marine sandstone, siltstone and shale

N

Base Map: Morton and Miller, 2006

Scale: 1 inch = approximately 0.4 mile



BLIND THRUSTS

1. Northridge Thrust
2. Compton Thrust
3. San Joaquin Hills Thrust
4. Upper Elysian Park Thrust
5. Puente Hills Thrust

Geologic Time Scale		Years Before Present (Approx.)	Fault Symbol	Recency of Movement	DESCRIPTION	
					ON LAND	OFFSHORE
Quaternary	Holocene Historic				Displacement during historic time (e.g. San Andreas fault 1906). Includes areas of known fault creep.	
Quaternary	Late Quaternary	200			Displacement during Holocene time.	Fault offsets seafloor sediments or strata of Holocene age.
Quaternary	Late Quaternary	11,700			Faults showing evidence of displacement during late Quaternary time.	Fault cuts strata of Late Pleistocene age.
Quaternary	Early Quaternary Pleistocene	700,000			Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,000 years; possible exceptions area faults which displace rocks of undifferentiated Plio-Pleistocene age.	Fault cuts strata of Quaternary age.
Pre-Quaternary		1,600,000			Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Fault cuts strata of Pliocene or older age.
		4.5 billion (Age of earth)				

Project Manager: JM	Project No. CB185007	Terracon	REGIONAL FAULT MAP
Drawn By: GR	Approx.Scale: 1" = 10 miles	1355 E. Cooley Drive Colton, CA 92324	Kaiser MOB Parkview Drive Covina, California
Checked By: JM	File Name: CA Regional Fault Map-2010		Enclosure
Approved By: JJM	Date: MAR 2018		

EXPLORATION RESULTS

BORING LOG NO. B-1

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG / DEPTH	LOCATION See Exploration Plan	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
2.5	**FILL - SANDY SILT (ML)**, with trace gravel, fine to medium grained, brown				6	9-10-20		14	109	
								13		
8.0	**SANDY SILT (ML)**, with trace clay, fine to medium grained, brown	5			6	11-16-20		14	117	
26.5	**PUENTE FORMATION SILTSTONE**, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers.	10			6	10-16-24		27	87	
								20		
		15			6	11-41-50/3"		14	103	
		20			6	12-22-50/5"		26	92	
		25			6	24-44-50/3"		40	80	
	Boring Terminated at 26.5 Feet									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-2

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

LOCATION See Exploration Plan

DEPTH

DEPTH (Ft.)	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
		6	10-20-25		14	111	
					16		
5		6	18-21-50/5"		23	95	
10		6	22-50/5"		16	95	
15		6	29-50/5"		21	91	
					21		
20		6	34-50/5"		30	83	
25		6	23-48-50/3"		29	88	

FILL - SANDY SILT (ML), fine to medium grained, brown

3.0

SANDY SILT (ML), fine to medium grained, brown, colluvium

5.0

PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers.

26.5

Boring Terminated at 26.5 Feet

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-3

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG	LOCATION See Exploration Plan / DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	FILL - SANDY SILT (ML), with trace clay, fine to medium grained, brown									
						3-4-7 N=11				
								11		
	6.0	5				12-18-20 N=38				
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle & laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers.									
		10				13-11-13 N=24				
								30		
		15				14-16-17 N=33				
		20				11-14-17 N=31				
		25				6-12-16 N=28				
	30.0	30				9-10-13 N=23				
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as silty sand (SM), fine to medium grained, with interbedded and oxidized sand layers.									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
"Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./2.0" O.D."

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

While drilling

At completion of drilling

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-3

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG	LOCATION See Exploration Plan DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as silty sand (SM), fine to medium grained, with interbedded and oxidized sand layers. *(continued)*	35				15-23-30 N=53				
		40				13-17-18 N=35				
		45				8-15-20 N=35				
		50				22-16-21 N=37				
	51.5 ***Boring Terminated at 51.5 Feet***									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
"Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./2.0" O.D."

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

- *While drilling*
- *At completion of drilling*

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018	Boring Completed: 02-23-2018
Drill Rig: CME 75	Driller: 2R
Project No.: CB185007	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-4

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

DEPTH	LOCATION See Exploration Plan	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	FILL - SANDY SILT (ML), fine to coarse grained, brown							
			6	12-20-21		9	113	
3.0	**SILTY SAND (SM)**, fine to coarse grained, brown, colluvium							
5			6	9-14-20		17	109	
					14	13		40
10			6	13-14-19		14	117	
15			6	14-24-41		14	119	
						13		
20			6	14-25-43		16	111	
25			6	14-25-32		12	117	
30			6	25-50/4"		14		
31.5	fluvial channel, coarse sand with cobbles							
	Boring Terminated at 31.5 Feet							

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-5

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG	LOCATION See Exploration Plan / DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	FILL - SILTY SAND WITH GRAVEL (SM), with cobbles, fine to coarse grained, brown, with trace clay									
					6	13-27-34		17	108	
								7		26
		5			6	14-21-28		8	112	
		10			6	10-34-50		4	117	
	12.0							11		
	SILTY SAND (SM), fine to medium grained, light brown to orange-brown, with trace gravel	15			6	34-50/5"		8	102	
		20			6	44-50/5"		9	111	
		25			6	40-50/2"		10	103	
	silicious layer approximately. 1-2" thick									
	29.5									
	Boring Terminated at 29.5 Feet				0	50/4"				

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-6

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

DEPTH	LOCATION See Exploration Plan	FIELD TEST RESULTS	WATER CONTENT (%)
0	**FILL - SANDY SILT (ML)**, with trace gravel and clay, fine to medium grained, brown	5-5-5 N=10	14
5.0	**SANDY SILT (ML)**, with trace gravel and clay, fine to medium grained, brown, colluvium	4-5-6 N=11	
	silicious layer approximately 1-2" thick		
10	gravel layer approximately 3-6" thick	25-23-40 N=63	12
	silicious layer approximately 1-2" thick		
15.0	**SILTY SAND (SM)**, fine to coarse grained, orange-brown	12-13-22 N=35	
20		50/5"	
20.0	**PUENTE FORMATION SILTSTONE**, light olive brown with orange-brown mottle in laminae, recovered as silty sand (SM), fine to medium grained, with interbedded and oxidized sand layers.		
25		19-20-26 N=46	
30.0	**PUENTE FORMATION SILTSTONE**, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers.	5-32-17 N=49	
30			

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
"Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./2.0" O.D."

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-6

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG	LOCATION See Exploration Plan / DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers. *(continued)*	35		X		8-9-11 N=20				
		40		X		6-7-10 N=17				
		45		X		8-9-10 N=19				
		50		X		7-9-15 N=24				
	51.5									
	Boring Terminated at 51.5 Feet									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
"Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./2.0" O.D."

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-7

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG	LOCATION See Exploration Plan / DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	FILL - SANDY SILT (ML), fine to coarse grained, brown									
					6	16-18-19		9	120	
								14		
	5.0	5								
	SANDY SILT (ML), fine to coarse grained, brown, colluvium				6	14-17-23		13	112	
								12		
	10.0	10								
	POORLY GRADED SAND WITH SILT AND GRAVEL (SM), with cobbles, fine to coarse grained, light brown, colluvium				5	28-33-32		13	91	
	15.0	15								
	SILTY SAND (SM), with trace clay, fine to coarse grained, brown to light brown				6	38-22-50/-1"		12	111	
	17.0									
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers. silicious layer approximately 1-2" thick.	20			6	8-9-14/-1"		34	84	
		25			6	14-19-26/-4"		34	85	
	31.5	30			6	18-26-30/-8"		37	82	
	Boring Terminated at 31.5 Feet									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

BORING LOG NO. B-8

PROJECT: Proposed Medical Office Building, 1164 Park View Drive, Covina, CA

CLIENT: Kaiser Permanente Baldwin Park, CA

SITE: 1164 Park View Drive Covina, CA

GRAPHIC LOG / DEPTH	LOCATION See Exploration Plan	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS	Sand Equivalent	WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	PERCENT FINES
	FILL - SANDY SILT (ML), with trace clay, fine to medium grained, brown									
					5	12-24-38		11	116	
6.0		5								
					6	12-14-25		18	104	
	SANDY SILT (ML), with trace clay, fine to medium grained, brown, colluvium				6			12		
		10			6	8-14-24		25	98	
15.0										
	PUENTE FORMATION SILTSTONE, light olive brown with orange-brown mottle in laminae, recovered as sandy silt (ML), fine to medium grained, with interbedded and oxidized sand layers.	15			6	10-24-34		26	91	
					6			27		
		20			6	16-36-50/5"		25	99	
		25			6	16-36-50/5"		22	100	
26.5	***Boring Terminated at 26.5 Feet***									

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic
Sampler weight/Driving Distance/Sampler Diameter: 140lbs./30in./3.25" O.D.

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
1355 E Cooley Dr Ste C
Colton, CA

Boring Started: 02-23-2018 | Boring Completed: 02-23-2018

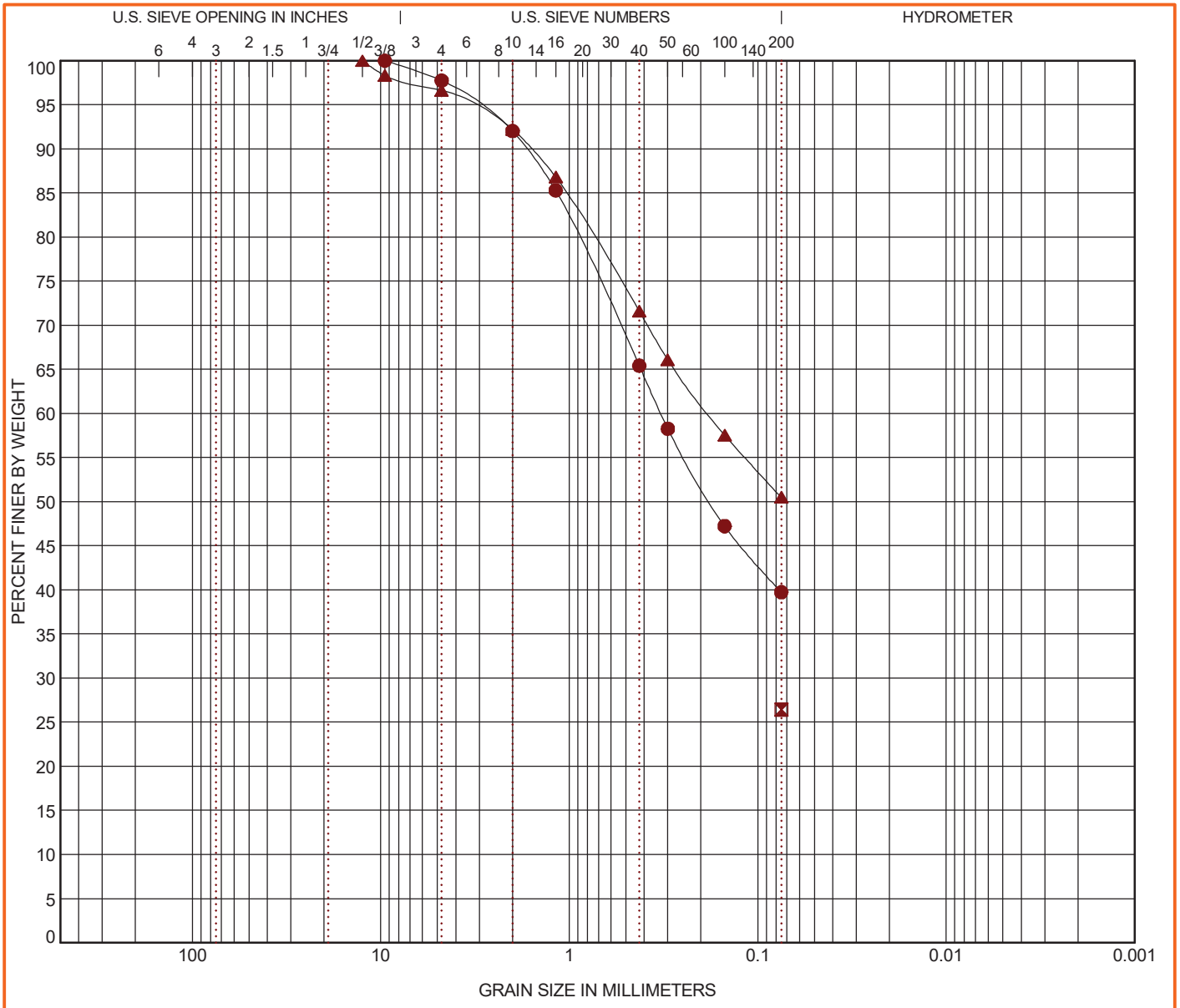
Drill Rig: CME 75 | Driller: 2R

Project No.: CB185007

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

GRAIN SIZE DISTRIBUTION

ASTM D422 / ASTM C136



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Boring ID		Depth	USCS Classification	WC (%)	LL	PL	PI	Cc	Cu
●	B-4	5.001 - 10	SILTY SAND (SM)	13	NP	NP	NP		
⊠	B-5	1.001 - 5		7					
▲	Combined 3A 6A 7A	0	SANDY SILT (ML)		NP	NP	NP		

Boring ID		Depth	D_{100}	D_{60}	D_{30}	D_{10}	%Gravel	%Sand	%Silt	%Fines	%Clay
●	B-4	5.001 - 10	9.5	0.326			2.3	58.0		39.7	
⊠	B-5	1.001 - 5	0.075				0.0	0.0		26.4	
▲	Combined 3A 6A 7A	0	12.5	0.183			3.4	46.1		50.5	

PROJECT: Proposed Medical Office Building,
1164 Park View Drive, Covina, CA

SITE: 1164 Park View Drive
Covina, CA

Terracon
1355 E Cooley Dr Ste C
Colton, CA

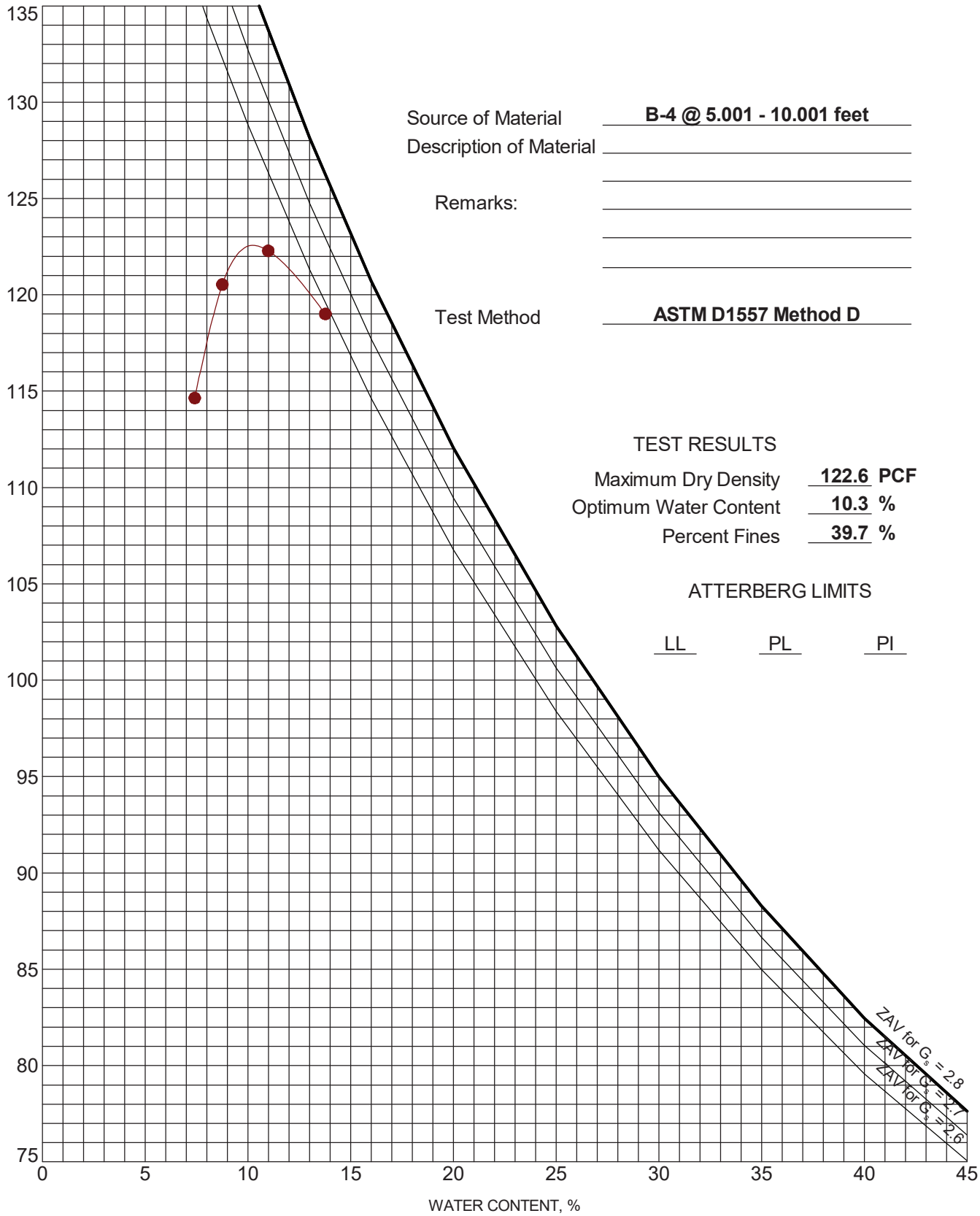
PROJECT NUMBER: CB185007

CLIENT: Kaiser Permanente
Baldwin Park, CA

LABORATORY TESTS ARE NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GRAIN SIZE: USCS-2 CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18

MOISTURE-DENSITY RELATIONSHIP

ASTM D698/D1557



Source of Material: **B-4 @ 5.001 - 10.001 feet**

Description of Material:

Remarks:

Test Method: **ASTM D1557 Method D**

TEST RESULTS

Maximum Dry Density	**122.6**	**PCF**
Optimum Water Content	**10.3**	**%**
Percent Fines	**39.7**	**%**

ATTERBERG LIMITS

LL	PL	PI

PROJECT: Proposed Medical Office Building,
1164 Park View Drive, Covina, CA

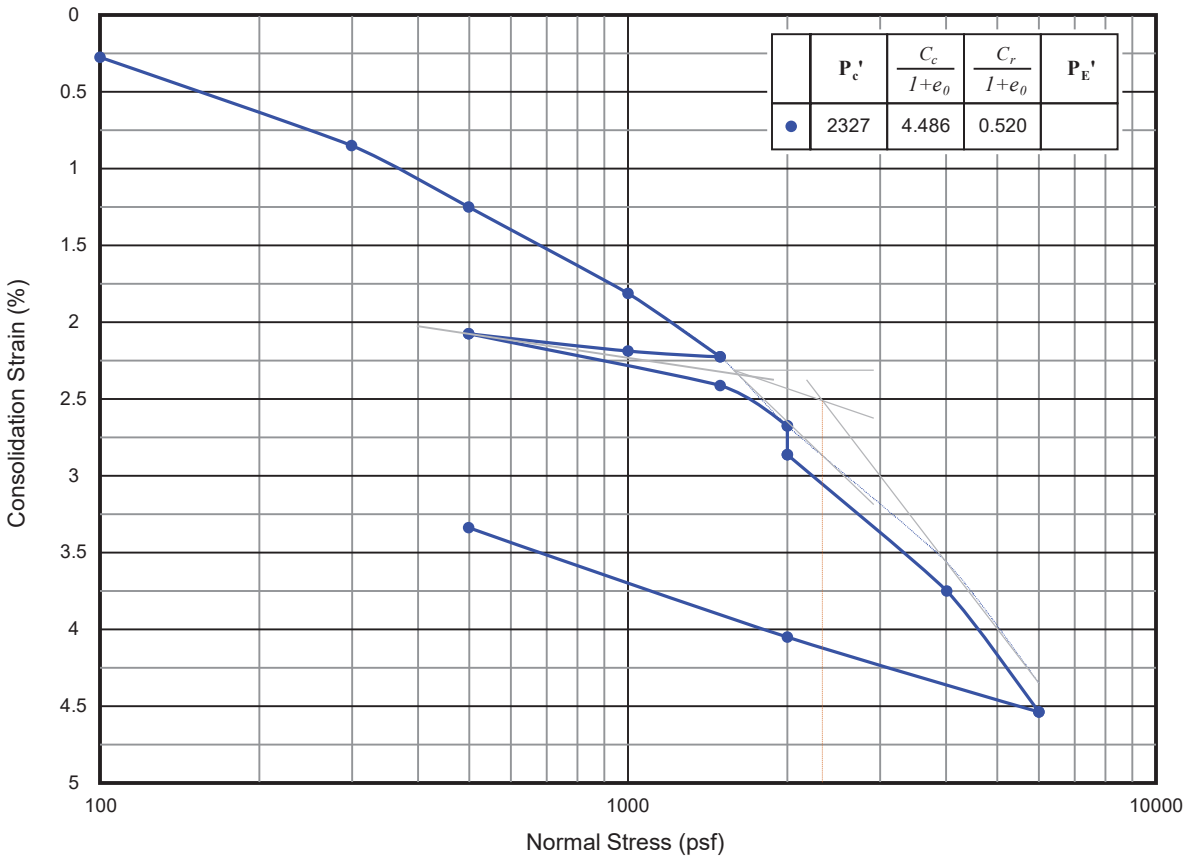
SITE: 1164 Park View Drive
Covina, CA

Terracon
1355 E Cooley Dr Ste C
Colton, CA

PROJECT NUMBER: CB185007

CLIENT: Kaiser Permanente
Baldwin Park, CA

LABORATORY TESTS ARE NOT VALID IF SEPARATED FROM ORIGINAL REPORT. COMPACTION - V2 CB185007 PROPOSED MEDICAL .GPJ TERRACON_DATATEMPLATE.GDT 3/9/18



	Boring No.	Depth (ft)	USCS Classification	γ_d (pcf)	w (%)	HCS (%)
●	4	5	(SM) Silty sand, fine	111.7	13.2	0.2

CONSOLIDATION TESTS (ASTM D2435/4546)

Project:	Proposed Medical Office Building				
Location:	1164 Park View Drive, Covina, California				
Job Number:	CB185007	Engineer:	fy	Exhibit:	C-3

J:\2018\CB185007\Working Files\Laboratory-Field Data-Boring Logs\LabSuite_CB185007.csv

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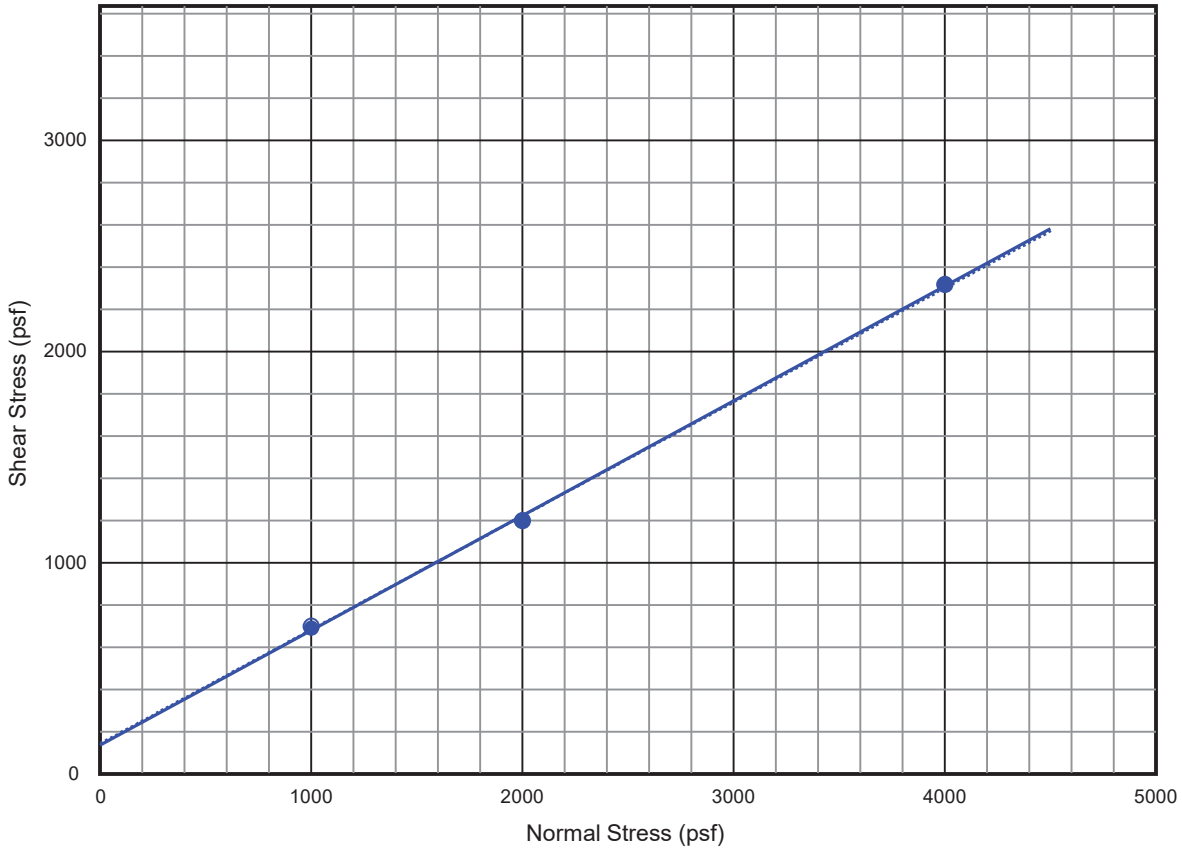

	Sample No.	γ_d (pcf)	w (%)	C_{pk} (psf)	ϕ_{pk} (°)	C_{rs} (psf)	ϕ_{rs} (°)
●	4A (5 - 10 ft)	110.3	10.5	144.5	28.4	133.7	28.5
	(SM) Silty sand, fine / Remolded (RC=90%)						

Terracon

DIRECT SHEAR TESTS (ASTM D3080)

Project:	Proposed Medical Office Building				
Location:	1164 Park View Drive, Covina, California				
Job Number:	CB185007	Engineer:	fy	Exhibit:	C-4

J:\2018\CB185007\Working Files\Laboratory-Field Data-Boring Logs\LabSuite_CB185007.csv

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CONSOLIDATION TESTS (ASTM D2435/4546)

Boring No.	Depth (ft)	USCS	γ_d (pcf)	w (%)	Pc' (psf)
4	5	SM	111.7	13.2	2327
Boring No.	**$C_c/(1+e_0)$(%)**	**$C_r/(1+e_0)$(%)**	**PE' (psf)**	**HCS (%)**	
4	4.486	0.520		0.2	

DIRECT SHEAR TESTS (ASTM D3080)

Sample No.	Depth (ft)	USCS	γ_d (pcf)	w (%)	C_{pk} (psf)	ϕ_{pk} (°)	C_{rs} (psf)	ϕ_{rs} (°)
4A	5 - 10	SM	110.3	10.5	144.5	28.4	133.7	28.5

EXPANSION INDEX (ASTM D 4829)

Sample No.	4A
Depth (ft)	5 - 10
Initial Moisture (%)	11.0
Final Moisture (%)	21.4
Degree of Saturation (%)	52
Expansion Index	38
Expansion Potential	Low

R-VALUE (CALTRANS 301)

Sample No.	4A
Depth (ft)	5 - 10
Classification	SM
Sand Equivalent	14
R-value	8

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Terracon

TEST DATA SUMMARY

Project:	Proposed Medical Office Building				
Location:	1164 Park View Drive, Covina, California				
Job Number:	CB185007	Engineer:	fy	Exhibit:	C-7

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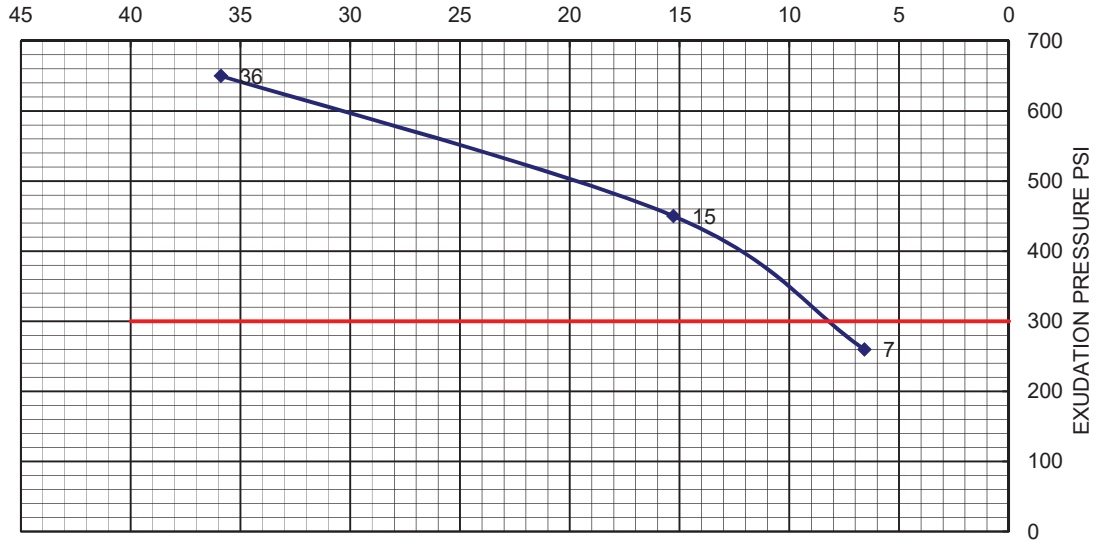
Traffic Index (T.I.) 5.0	A	B	C	D
COMPACTOR AIR PRESSURE P.S.I.	50	75	200	
INITIAL MOISTURE %	9.6	9.6	9.6	
WATER ADDED, ML	65	55		
WATER ADDED %	6.4	5.4	0.0	
MOISTURE AT COMPACTION %	16.0	15.0	9.6	
HEIGHT OF BRIQUETTE	2.55	2.52	2.46	
WET WEIGHT OF BRIQUETTE	1117	1116	1117	
DENSITY LB. PER CU.FT.	114.4	116.7	125.5	
STABILOMETER PH AT 1000 LBS.	65	52	40	
2000 LBS.	146	130	97	
DISPLACEMENT	3.40	3.20	2.90	
R-VALUE	7	15	36	
EXUDATION PRESSURE	260	450	650	
THICK. INDICATED BY STAB.	1.49	1.36	1.03	
EXPANSION PRESSURE	0	8	27	
THICK. INDICATED BY E.P.	0.00	0.27	0.90	

EXUDATION CHART

R-VALUE



R-Value: 8

Sample No.	Depth (ft)	Soil/Sample Type	SE	w_0(%)
4A	5 - 10	(SM) Silty sand	14	9.6

Terracon

R-VALUE TEST

Project:	Proposed Medical Office Building		
Location:	1164 Park View Drive, Covina, California		
Job No.:	CB185007	Exhibit:	C-8

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Prepared at 3/9/2018

ASPHALT CONCRETE STRUCTURAL SECTION DESIGN

R-Value used	8

Traffic Index (T.I.)	Recommended Street Sections	
5.00	0.25' AC / 0.80' AB Class 2	0.65' AC / Native
5.50	0.25' AC / 0.95' AB Class 2	0.75' AC / Native
6.00	0.30' AC / 1.00' AB Class 2	0.85' AC / Native
6.50	0.30' AC / 1.15' AB Class 2	0.95' AC / Native
7.00	0.35' AC / 1.20' AB Class 2	1.05' AC / Native
7.50	0.40' AC / 1.30' AB Class 2	1.15' AC / Native
8.00	0.40' AC / 1.45' AB Class 2	1.25' AC / Native
8.50	0.45' AC / 1.50' AB Class 2	1.35' AC / Native
9.00	0.45' AC / 1.65' AB Class 2	1.50' AC / Native
9.50	0.50' AC / 1.75' AB Class 2	1.60' AC / Native
10.00	0.55' AC / 1.80' AB Class 2	1.75' AC / Native
10.50	0.55' AC / 1.95' AB Class 2	1.85' AC / Native
11.00	0.60' AC / 2.00' AB Class 2	1.95' AC / Native
11.50	0.60' AC / 2.15' AB Class 2	2.05' AC / Native
12.00	0.65' AC / 2.20' AB Class 2	2.15' AC / Native

NOTE: MIN. A.C. THICKNESS IS 0.25' MIN. A.B. THICKNESS IS 0.35'

All thicknesses arerounded to the nearest 0.05 foot.

The above values may not reflect applicable county or city minimum standards.

A safety factor of 0.20 for the G.E. of the A.C. is included as per Caltrans.

The values also include a safety factor of 0.10 for A.C./ native soil.

Some agencies do not permit placing A.C. over native soil.

PARKING LOT PCC SECTION DESIGN

R-Value	Concrete Compressive Strength, f_c (psi)	Flexural Strength, M_r (psi)
8	3600	600
Traffic Category	**ADTT**	**PCC Section (in)***
A	1	5
A	10	5.5
B	25	6
B	300	7
C	100	7
C	300	7.5
C	700	7.5
D	700	9
Modulus of subgrade reaction, k (pci)		61.9

* Rough-textured, angular-shaped aggregates

Terracon

AC & PCC STRUCTURAL SECTION DESIGN

Project:	Proposed Medical Office Building		
Location:	1164 Park View Drive, Covina, California		
Job No.:	CB185007	Exhibit:	C-9

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Exhibit C-10

Table 1 - Laboratory Tests on Soil Samples

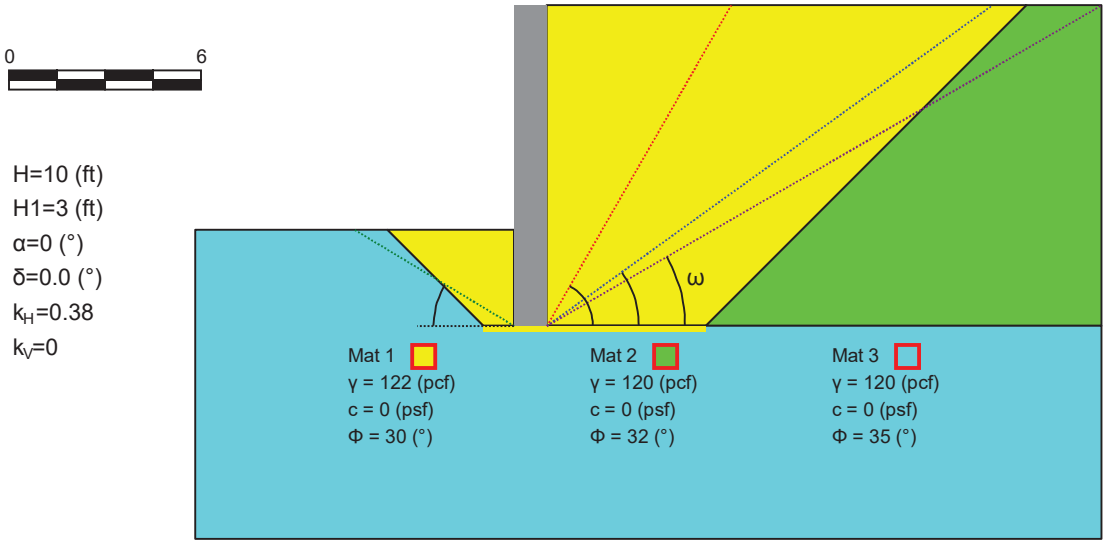
CHJ Consultants
Kaiser Permanente
Your #CB185007, HDR Lab #18-0167LAB
13-Mar-18

Sample ID			4A @ 5-10'
Resistivity		**Units**	
as-received		ohm-cm	3,120
saturated		ohm-cm	1,520
pH			6.9
Electrical Conductivity		mS/cm	0.10
Chemical Analyses			
Cations			
calcium	Ca^{2+}	mg/kg	31
magnesium	Mg^{2+}	mg/kg	14
sodium	Na^{1+}	mg/kg	73
potassium	K^{1+}	mg/kg	5.3
Anions			
carbonate	CO_3^{2-}	mg/kg	ND
bicarbonate	HCO_3^{1-}	mg/kg	232
fluoride	F^{1-}	mg/kg	2.1
chloride	Cl^{1-}	mg/kg	8.7
sulfate	SO_4^{2-}	mg/kg	18
phosphate	PO_4^{3-}	mg/kg	ND
Other Tests			
ammonium	NH_4^{1+}	mg/kg	ND
nitrate	NO_3^{1-}	mg/kg	8.4
sulfide	S^{2-}	qual	na
Redox		mV	na

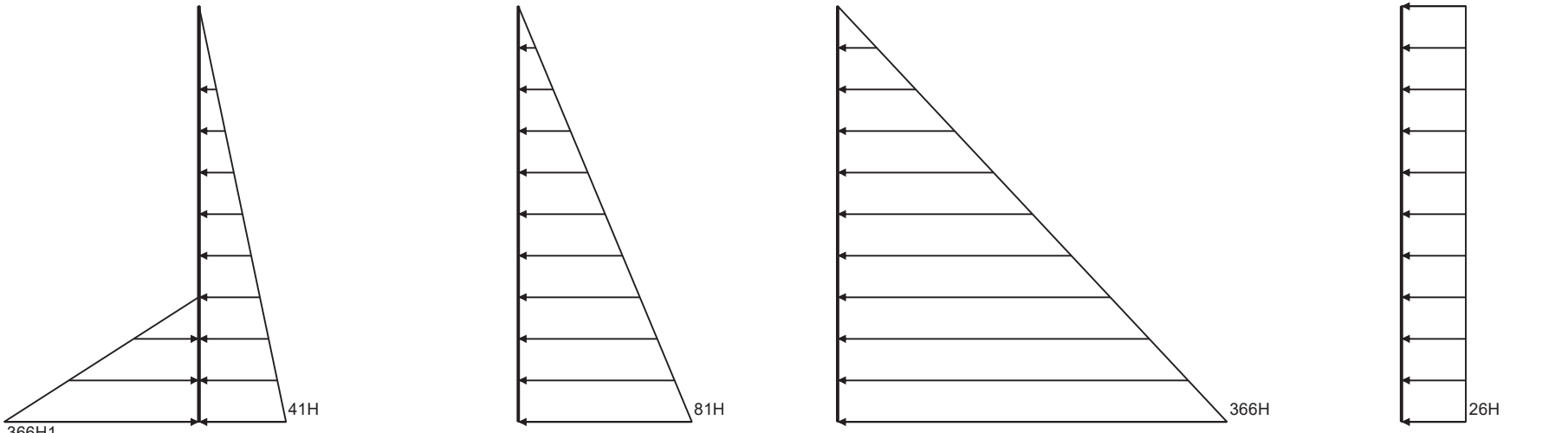
Resistivity per ASTM G187, Cations per ASTM D6919, Anions per ASTM D4327, and Alkalinity per APHA 2320-B.
Electrical conductivity in millisiemens/cm and chemical analyses were made on a 1:5 soil-to-water extract.
mg/kg = milligrams per kilogram (parts per million) of dry soil.
Redox = oxidation-reduction potential in millivolts
ND = not detected
na = not analyzed

431 West Baseline Road · Claremont, CA 91711
Phone: 909.962.5485 · Fax: 909.626.3316

GEOTECHNICAL CALCULATIONS



	P_{pL}	P_a	P_{aE}	P_{pR}
H (ft)	3	10	10	10
Z_c(ft)	-	0	0	-
Total	366	41	81	366
Hori.	366	41	81	366
Vert.	-	0	0	-
ω (°)	31.00	60.00	35.63	30.00
Restrained (Level Backfill)				61
Base Friction Coefficient				0.36



(a) Passive (L) (b) Active (c) Seismic (d) Passive (R) (e) Apparent Pressure

J:\2018\CB185007\Working Files\Calculations-Analyses\GeoSuite_CB185007_B-4.csv

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Earth Pressures

Project:	Proposed Medical Office Building				
Location:	1164 Park View Drive, Covina, California				
Job Number:	CB185007	Boring No.:	B-4	Exhibit:	D-1

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Prepared at 3/12/2018 2:38:32 PM

SUPPORTING INFORMATION

GENERAL NOTES

DESCRIPTION OF SYMBOLS AND ABBREVIATIONS

Proposed Medical Office Building, 1164 Park View Drive, Covina, CA ■ Covina, CA

3/14/2018 ■ Terracon Project No. CB185007

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SAMPLING

- Auger Cuttings
- Modified California Ring Sampler
- Standard Penetration Test

WATER LEVEL

- **Water Initially Encountered**
- **Water Level After a Specified Period of Time**
- **Water Level After a Specified Period of Time**

Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.

FIELD TESTS

N	**Standard Penetration Test Resistance (Blows/Ft.)**
(HP)	**Hand Penetrometer**
(T)	**Torvane**
(DCP)	**Dynamic Cone Penetrometer**
UC	**Unconfined Compressive Strength**
(PID)	**Photo-Ionization Detector**
(OVA)	**Organic Vapor Analyzer**

DESCRIPTIVE SOIL CLASSIFICATION

Soil classification is based on the Unified Soil Classification System. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; their principal descriptors are: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are principally described as clays if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse-grained soils are defined on the basis of their in-place relative density and fine-grained soils on the basis of their consistency.

LOCATION AND ELEVATION NOTES

Unless otherwise noted, Latitude and Longitude are approximately determined using a hand-held GPS device. The accuracy of such devices is variable. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

STRENGTH TERMS

RELATIVE DENSITY OF COARSE-GRAINED SOILS

(More than 50% retained on No. 200 sieve.)
Density determined by Standard Penetration Resistance

Descriptive Term (Density)	Standard Penetration or N-Value Blows/Ft.
Very Loose	0 - 3
Loose	4 - 9
Medium Dense	10 - 29
Dense	30 - 50
Very Dense	> 50

CONSISTENCY OF FINE-GRAINED SOILS

(50% or more passing the No. 200 sieve.)
Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance

Descriptive Term (Consistency)	Unconfined Compressive Strength Qu, (tsf)	Standard Penetration or N-Value Blows/Ft.
Very Soft	less than 0.25	0 - 1
Soft	0.25 to 0.50	2 - 4
Medium Stiff	0.50 to 1.00	4 - 8
Stiff	1.00 to 2.00	8 - 15
Very Stiff	2.00 to 4.00	15 - 30
Hard	> 4.00	> 30

RELATIVE PROPORTIONS OF SAND AND GRAVEL

Descriptive Term(s) of other constituents	Percent of Dry Weight
Trace	<15
With	15-29
Modifier	>30

RELATIVE PROPORTIONS OF FINES

Descriptive Term(s) of other constituents	Percent of Dry Weight
Trace	<5
With	5-12
Modifier	>12

GRAIN SIZE TERMINOLOGY

Major Component of Sample	Particle Size
Boulders	Over 12 in. (300 mm)
Cobbles	12 in. to 3 in. (300mm to 75mm)
Gravel	3 in. to #4 sieve (75mm to 4.75 mm)
Sand	#4 to #200 sieve (4.75mm to 0.075mm
Silt or Clay	Passing #200 sieve (0.075mm)

PLASTICITY DESCRIPTION

Term	Plasticity Index
Non-plastic	0
Low	1 - 10
Medium	11 - 30
High	> 30

UNIFIED SOIL CLASSIFICATION SYSTEM

Proposed Medical Office Building ■ Covina, California

March 13, 2017 ■ Terracon Project No. CB185007

Terracon GeoReport

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests [A]					Soil Classification	
					Group Symbol	Group Name [B]
Coarse-Grained Soils: More than 50% retained on No. 200 sieve	**Gravels:** More than 50% of coarse fraction retained on No. 4 sieve	**Clean Gravels:** Less than 5% fines [C]	Cu ≥ 4 and 1 ≤ Cc ≤ 3 [E]		GW	Well-graded gravel [F]
			Cu < 4 and/or 1 > Cc > 3 [E]		GP	Poorly graded gravel [F]
		Gravels with Fines: More than 12% fines [C]	Fines classify as ML or MH		GM	Silty gravel [F, G, H]
			Fines classify as CL or CH		GC	Clayey gravel [F, G, H]
	Sands: 50% or more of coarse fraction passes No. 4 sieve	**Clean Sands:** Less than 5% fines [D]	Cu ≥ 6 and 1 ≤ Cc ≤ 3 [E]		SW	Well-graded sand [I]
			Cu < 6 and/or 1 > Cc > 3 [E]		SP	Poorly graded sand [I]
		Sands with Fines: More than 12% fines [D]	Fines classify as ML or MH		SM	Silty sand [G, H, I]
			Fines classify as CL or CH		SC	Clayey sand [G, H, I]
Fine-Grained Soils: 50% or more passes the No. 200 sieve	**Silts and Clays:** Liquid limit less than 50	**Inorganic:**	PI > 7 and plots on or above "A"		CL	Lean clay [K, L, M]
			PI < 4 or plots below "A" line [J]		ML	Silt [K, L, M]
		Organic:	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OL	Organic clay [K, L, M, N] / Organic silt [K, L, M, O]
	Silts and Clays: Liquid limit 50 or more	**Inorganic:**	PI plots on or above "A" line		CH	Fat clay [K, L, M]
			PI plots below "A" line		MH	Elastic Silt [K, L, M]
		Organic:	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OH	Organic clay [K, L, M, P] / Organic silt [K, L, M, Q]
Highly organic soils:	Primarily organic matter, dark in color, and organic odor				PT	Peat

[A] Based on the material passing the 3-inch (75-mm) sieve

[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

[C] Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

[D] Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay

[E] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 15% sand, add "with sand" to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add "with organic fines" to group name.

[I] If soil contains ≥ 15% gravel, add "with gravel" to group name.

[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

[L] If soil contains ≥ 30% plus No. 200 predominantly sand, add "sandy" to group name.

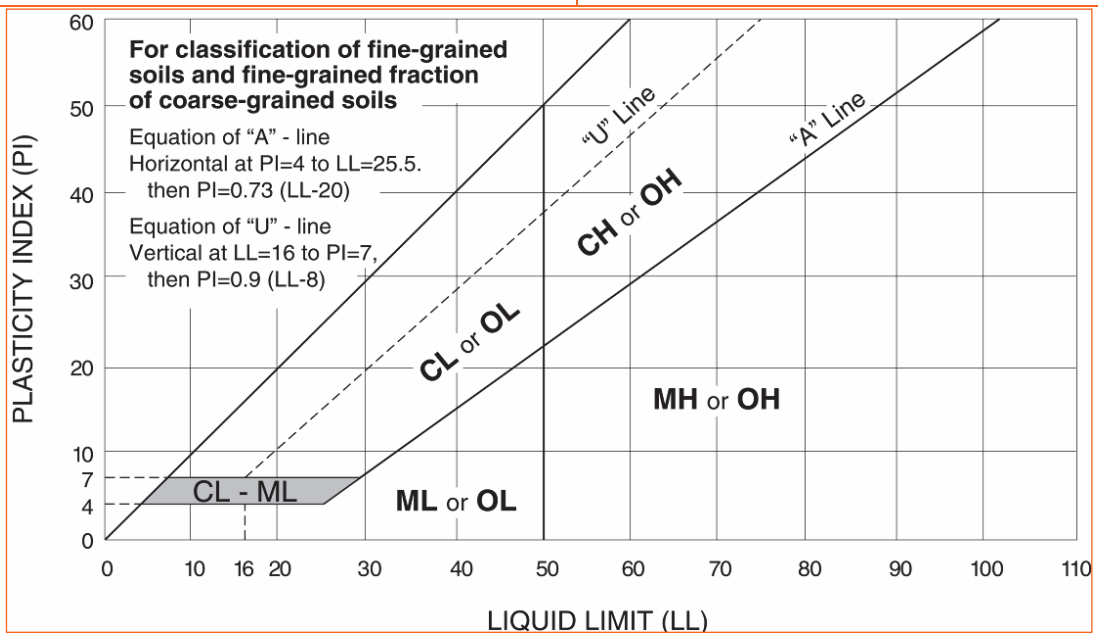
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.

[N] PI ≥ 4 and plots on or above "A" line.

[O] PI < 4 or plots below "A" line.

[P] PI plots on or above "A" line.

[Q] PI plots below "A" line.



APPENDIX G

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Undeveloped Vacant Land
1034, 1054, 1118, 1154, and 1164 Park View Drive
Covina, California 91724

PREPARED FOR

COVINA PARK VIEW, LLC

Project Number: PREF-16-6526

Date: November 30, 2016

Alta Environmental
3777 Long Beach Boulevard Annex Building
Long Beach CA 90807 United States of America
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EXECUTIVE SUMMARY

Alta Environmental ("Alta") has completed a Phase I ESA of the subject property located at 1034, 1054, 1118, 1154, and 1164 Park View Drive in Covina, Los Angeles County, California (Subject Property). The ESA was performed in conformance with the scope and limitations of ASTM E1527-13 and AAI standards. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the subject property. These issues are considered recognized environmental conditions (RECs).

Subject Property and Vicinity Description

The subject property is located on the eastern side of Park View Drive between Holt Avenue and the San Bernardino Freeway in Covina, California. The subject property consists of five parcels of land that total approximately 5.15 acres in size. The five parcels are spilt into two groups located on either side of a multi-tenant office building. The northern portion of the subject property consists of two contiguous parcels of land identified as Los Angeles County Tax Assessor Parcel Numbers (APNs) 8448-019-044 and 8448-019-045. The southern portion of the subject property consists of three contiguous parcels of land identified as Los Angeles County Tax Assessor APNs 8448-019-042, 8448-019-041, and 8448-019-40.

At the time of our site reconnaissance, the property consisted of undeveloped vacant graded land.

The subject property is located within an area currently developed for commercial and residential use. Current uses of adjoining properties include: An office building located between the northern and southern portion of the subject property; Holt Avenue followed by a park to the north; an office building and residential homes to the east; the San Bernardino Freeway to the south; and Park View Drive followed by several office buildings to the west.

Site Use and History

The subject property was undeveloped prior to 1938 when the property was cultivated as an orchard. Between 1948 and 1953, agricultural activities at the property ceased and the property left vacant. Around 1981, the subject property was graded and left vacant.

Data Gaps

The ASTM Standard defines a data gap as "a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information." A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps. Alta did not identify any significant data gaps associated with the assessment.

Conclusions

This assessment has revealed no evidence of current or historic RECs or Controlled RECs in connection with the subject property.

Vapor Encroachment Conditions (VEC)

A Tier 1 vapor encroachment screen (VES) for potential chemicals of concern (COC) was completed for the subject property. The assessment was based on the ASTM published Standard Guide E 2600-15. The purpose of the VES was to evaluate for the potential for a vapor encroachment condition (VEC)

which is the presence or likely presence of COC vapors in subsurface soils at the subject property caused by the release of vapors from contaminated soil or groundwater on or near the subject property. The results of the VES did not identify evidence of a VEC in connection with the subject property.

1 INTRODUCTION

The purpose of this assessment was to evaluate the environmental condition of the site and to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner, or bona fide prospective purchaser under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-13;
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312); and
3. 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

This report was prepared exclusively for use by Covina Park View, LLC. This report may not be relied upon by any other person or entity without Alta Environmental's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Alta Environmental cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

1.1 Objectives

Alta's objective for this environmental assessment was to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the subject property. The assessment was done to meet ASTM Standard Practice E1527-13.

The assessment provided herein was determined based on the following:

1. Current and past property uses and occupancies;
2. Current and past uses of hazardous substances;
3. Waste management and disposal activities that could have caused releases or threatened releases of hazardous substances;
4. Current and past corrective actions and response activities undertaken to address past and on-going releases of hazardous substances;
5. Engineering controls;
6. Institutional controls; and
7. Evaluation of properties adjoining or located nearby the subject property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject property.

1.2 Services

Alta performed the following services to assess the property:

1. Reviewed historical sources of information;
2. Searched for recorded environmental clean-up liens;
3. Reviewed Federal, State, Tribal, and local government records;
4. Visually inspected the site and the adjoining sites;

5. Evaluated any specialized knowledge or experience on the part of the purchaser;
6. Determined commonly known or reasonably ascertainable information about the property; and
7. Provided an opinion on the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation.

1.3 Assumptions

Alta has assumed the following for the purposes of this assessment:

1. Information provided during any interview (written or oral) was accurate and correct;
2. Database information reviewed was accurate and correct;
3. Historical information reviewed was accurate and correct;
4. Information reviewed at any governmental agency was accurate and correct;
5. Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey (USGS) Topographic Maps; and
6. The property has been correctly and accurately identified by the client, client representatives, property contact, property owner, and/or property representatives.

1.4 Limitations

This assessment is limited to the standards set forth in ASTM Standard Practice E1527-13. This assessment specifically excludes assessment of the following:

1. Asbestos and asbestos-containing building materials;
2. Biological agents;
3. Cultural and historic resources;
4. Ecological resources;
5. Endangered species
6. Health and safety;
7. Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment;
8. Industrial hygiene;
9. Lead-Based Paint;
10. Lead in Drinking Water;
11. Mold;
12. Radon;
13. Regulatory compliance; and
14. Wetlands.

Considerations identified by ASTM as beyond the scope of a Phase I Environmental Site Assessment (ESA) that may affect business environmental risk at a given property. These environmental issues or conditions may warrant assessment based on the type of property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluation. The conclusions presented in this report are based solely on the services described herein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No subsurface exploratory drilling or sampling of any kind was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical or physical analyses have been performed during the course of this Phase I ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records and the personal recollections of those persons contacted. As applicable, Alta Environmental has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Alta Environmental accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. Alta makes no warranty, express or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

This Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. The assessment is not intended to assure clear title to the property in question. The sole purpose of investigation into property title records is to ascertain a historical basis of prior land use and environmental liens. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit. Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

1.5 Terms

The following terms are used in this report:

- “Subject property” or “Site” refers to the property within the approximate boundaries described in Section 2;
- “Immediate site vicinity” refers to properties adjacent to the subject property that share a common boundary with the subject property; and
- “Site vicinity” refers to the area within an approximate 1-mile radius of the property.
- “Recognized Environmental Conditions” (RECs) – The presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to release to the environment; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*.
- “Controlled Recognized Environmental Condition” (CREC) – A recognized environmental condition resulting from a past *release* of *hazardous substances* or *petroleum products* that has

been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). A condition identified as a *controlled recognized environmental condition* does not imply that the *environmental professional* has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

- "Historical Recognized Environmental Condition" (HREC) – A past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).
- "Migrate/migration" – For the purposes of this practice, "migrate" and "migration" refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.
- "Hazardous Substances" – The term "hazardous substance" is used here in general accordance with its use as defined in the following regulations:

  -- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended; and

  -- Superfund Amendment and Reauthorization Act (SARA) of 1986, as amended.

The terms "material," "waste," and "substances" are used interchangeably, and no legal distinction is implied between the terms as used herein. The words "impact" or "impacted" are used to mean the effect or result of a release of a hazardous substance that could result in a hazardous waste being present at the property. Search distances for government agency lists were those designated by the ASTM Standard E 1527-13.

1.6 Environmental Professionals

This document has been prepared by an Environmental Professional as defined by the EPA, 40 CFR Part 312.10. All work performed for this assessment was performed by or under the direct supervision of an Environmental Professional.

2 SITE DESCRIPTION

Alta personnel performed a site reconnaissance on November 23, 2016. The descriptions provided herein are based on information provided by the current site representatives and on observations made during that visit. Representative site photographs are included in Appendix A. Site Location and Site Vicinity maps depicting the areas and features described in the following sections are also provided in Figures 1 and 2.

2.1 Property Development and Use

Development

The subject property consists of five parcels of land that total approximately 5.15 acres in size. The five parcels are spilt into two groups located on either side of a multi-tenant office building. The northern

portion of the subject property consists of two contiguous parcels of land identified as Los Angeles County Tax Assessor Parcel Numbers (APNs) 8448-019-044 and 8448-019-045. The southern portion of the subject property consists of three contiguous parcels of land identified as Los Angeles County Tax Assessor APNs 8448-019-042, 8448-019-041, and 8448-019-40.

Use

At the time of our investigation, the subject property consisted of vacant graded land.

2.2 Utility Service Providers

The utilities servicing the subject property are:

Electricity	Southern California Edison
Water	City of Covina Water Utility
Gas	The Gas Company
Sewer	City of Covina
Municipal Waste	No Service Currently Provided
Hazardous Waste	No Service Currently Provided

No water wells or septic systems were observed or reported to be present at the site during the site reconnaissance.

2.3 Hazardous Materials and Chemical Storage Areas

No hazardous material or chemical storage areas were observed or reported during the site reconnaissance.

2.4 Storage Tanks

Aboveground Storage Tanks (ASTs)

No evidence of aboveground storage tanks (ASTs) at the subject property were observed or reported during the site reconnaissance.

Underground Storage Tanks (USTs)

No evidence of underground storage tanks (USTs) at the subject property were observed or reported during the site reconnaissance.

Septic Tanks

No evidence of septic tanks was observed onsite or reported during the site reconnaissance.

2.5 Polychlorinated Biphenyls

Alta environmental observed three pad-mounted electrical transformers located on the western sides of the property. The transformers were not labeled for PCB content but were observed to be in good condition with no evidence of past leaks or releases observed. Based on site observations the presence of the transformers is not considered to represent a recognized environmental condition.

2.6 Floor Drains, Sumps, and Clarifiers

No floor drains or clarifiers were observed or reported to be present on the subject property.

2.7 Back-up Power Generation

No fixed back-up power generators were observed on the subject property.

2.8 Cooling Towers

No cooling towers were observed on the subject property.

2.9 Elevators, Lifts and Compactors

No lifts, elevators, or compactors were observed or reported at the subject property.

2.10 Odors

No strong, pungent, or noxious odors were identified during the course of this assessment.

2.11 Pools of Liquid

No standing surface water or other pits, ponds, or lagoons potentially containing hazardous substances or petroleum products were identified within the subject property.

2.12 Surface Staining

No significant staining or other indications of potential release of hazardous substances or petroleum products were observed during the site reconnaissance.

2.13 Stressed Vegetation

No significantly stressed vegetation or other indications of potential release of hazardous substances or petroleum products were observed during the site reconnaissance.

2.14 Solid Waste

No indications of unauthorized dumping of trash, construction or demolition debris, or other solid waste disposal were identified during the site reconnaissance.

2.15 Adjacent Sites

The subject property is located within an area primarily developed for commercial/residential. The following land use in the near vicinity of the property was observed:

Direction	Property Name	Property Address	Business Operation
North:	Parque Xalapa	NA	Civic Recreation Park
West:	Office Building	1037 Park View Drive	Office Building
	Ecom Mortgage Corp	1055 Park View Drive	Office Building
	Office Building	1067 Park View Drive	Office Building
	Lereta	1123 Park View Drive	Office Building
	Office Building	1161 Park View Drive	Multi-tenant office building

Direction	Property Name	Property Address	Business Operation
Central:	Office Building	1074 Park View Drive	Multi-tenant office building
South:	San Bernardino Freeway	NA	Interstate Ten
East:	Office Building	1430 Holt Avenue	Office
	Residence	1438 Holt Avenue	Residential Home
	Residence	1560 Via Verde Street	Residential Home
	Residence	1570 Via Verde Street	Residential Home
	Residence	1580 Via Verde Street	Residential Home

3 SITE SETTING

3.1 Topographic

The United States Geological Survey (USGS), [San Dimas] 7.5 Minute Topographic Quadrangle map of the subject property and surrounding vicinity was reviewed. The elevation of the property is located at approximately 597 feet above mean sea level. The Site and the surrounding topography are relatively flat and slopes gently to the south-southwest. A copy of the USGS 7.5 Minute Topographic Quadrangle Map is included Appendix B.

3.2 Regional Geology and Hydrology

The following description of regional geology and hydrology was developed based on regional information presented on the EDR GeoCheck report (2016) and Regional Water Quality Control Board's online *Geotracker* database.

According to United States Department of Agriculture (USDA) soil data published in the EDR GeoCheck report, soils underlying the subject property are classified as Calleguas clay loam. This type of soil is characterized as clayey soils with very slow infiltration rates.

Alta reviewed groundwater data on the California Depart of Water Resources website for a groundwater level monitoring station (340939N117827W001) located approximately 1 ½ mile north-northwest of the subject property. According to this data, the shallowest groundwater in the vicinity of the subject property is present at depths of approximately 340 feet below ground surface. A copy of the groundwater elevation data for this monitoring station is presented in Appendix D. Groundwater flow is assumed to follow the local topographic gradient towards the southwest.

3.3 Flood Plain

According to Federal Emergency Management Agency flood plain data presented in the site-specific Environmental Data Resources (EDR) Geocheck Report, the subject property does not appear to be located within a 100-year or a 500-year flood zone (EDR, 2016). The EDR Report is presented as Appendix C.

3.4 Wetlands and Bodies of Water

No water bodies were observed on the subject or adjoining properties. According to map data published on the United States Department of Fish and Wildlife (USFW) National Wetlands Inventory, no national or state wetlands exist on the subject property or adjoining properties. A screen shot of the wetlands map is presented in Appendix D.

3.5 Oil and Gas Wells

According to the State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System (DOMS), no oil or gas wells are located on the subject property or adjoining properties. Appendix D presents a screen shot of the online mapping system.

4 USER-PROVIDED INFORMATION

Information obtained during the interview process and from the user questionnaire is presented in the following sections.

4.1 Title Records

Title records were not provided by the site user representative.

4.2 Clean-Up Liens

No knowledge of any clean-up liens against the subject property was reported by those interviewed. Further, the EDR Environmental Lien and AUL Search report did not identify any environmental liens for the subject property (Appendix E).

4.3 Activities and Use Limitations

No knowledge of site-specific activities or use limitations recorded against the subject property were reported by those interviewed. Further, according to the EDR Lien and AUL Search report, no Activity and Use Limitations are identified for the subject property (Appendix E).

4.4 Specialized Knowledge

No specialized knowledge identifying evidence of a recognized environmental conditions was disclosed by those interviewed during the course of this Phase I investigation. A completed user questionnaire is presented in Appendix F.

The client also provided Alta with a copy of a user questionnaire previously completed by the property owner. The questionnaire is note dated, but did not identify any environmental concerns that would be considered to represent a recognized environmental condition. This questionnaire is presented in Appendix G.

4.5 Commonly Known Information

No commonly known information identifying evidence of a recognized environmental condition was disclosed by those interviewed during the course of this Phase I investigation.

4.6 Previous Environmental Assessments

Alta was not provided with environmental reports previously prepared for the subject property.

5 RECORDS REVIEW

5.1 Governmental Databases

Alta contracted EDR to perform a radius search of governmental databases for this project. The distribution of listed sites with respect to the subject property is tabulated and mapped in EDR's Radius Map Report, which is appended. The reader is referred to the table, which can be found near the front of EDR's report.

Alta conducted a review of the above-referenced database reports and provides the following findings based on sites that have the potential to impact the subject property, with respect to the inferred groundwater flow direction. Our findings are based on the assumption that a hazardous material released to the subsurface generally does not migrate laterally within unsaturated soil for a significant distance. Although a hazardous material can migrate in groundwater in a generally down-gradient direction, there are limitations to this interpretation such as groundwater depth, soil lithology and other subsurface barriers.

Subject Property Database Findings

EDR's report did not identify the subject property.

Adjoining Property Database Findings

EDR's report did not identify any of the adjoining properties.

General Vicinity Database Findings

EDR's report identified multiple off-site facilities within applicable ASTM search radii. Alta considered all of the listed sites unlikely to impact the subject site, based upon factors including (but not limited to):

- The nature of the listing;
- The use of the site;
- When the site was listed and its current listed status;
- The developmental density of the setting;
- The distance between the listed and subject sites as related to the distance that releases are likely to migrate based on local surface and subsurface drainage conditions;
- The presence of intervening drainage divides; and/or
- The inferred groundwater movement.

5.2 Regional Agency Offices

Alta submitted information requests to the various county and regional agencies that may have records with regard to environmentally-oriented concerns affecting the subject property, in accordance with ASTM E1527-13 requirements. Documentation obtained from regulatory agency requests is presented in Appendix D. No evidence of recognized environmental conditions in connection with the subject property were identified.

Agency	Records Summary
Division of Oil, Gas, and Geothermal Resources – DOMS	No oil and gas wells were identified on the subject property or adjoining properties.
Regional Water Quality Control Board - GEOTRACKER	Subject Property No records found. Adjoining Property No records found.
Department of Toxic Substances Control - ENVIROSTOR	Subject Property No records found. Adjoining Property No records found.
Los Angeles County Department of Public Works – Environmental Programs Division	No records found for the subject property address.
Los Angeles County Fire Department Public Health Investigations Unit (LAPHI)	At the time of this report, no response from the LAPHI has been received.
Los Angeles County Sanitation District	According to correspondence from this agency, no records for the subject property addresses were identified during a search of their records.
City of Covina	According to correspondence from this agency, no records for the subject property addresses were identified during a search of their records.

5.3 Historical Records

Alta used USGS Topo maps, aerial photographs, fire insurance maps, and historical street directories to provide information about the history of the subject property and its surroundings. The resources Alta reviewed are tabulated below and presented in Appendix B.

Historical Resources		
Source Type	**Years Reviewed**	**Source**
USGS Topo Maps	1894, 1897, 1898, 1904, 1927, 1953, 1966, 1972,1981, and 2012	USGS/EDR
Aerial Photograph(s)	1928, 1938, 1948, 1953, 1964, 1972, 1981, 1989, 1990, 1995, 2002, 2005, 2009, 2010, and 2012	EDR
Fire Insurance Maps	No Coverage	EDR
Street Directories	1920 to 2013 at approximate 5- year intervals	EDR

5.4 Past Uses – Subject property

Our interpretation of past uses of the property, based on the historical data sources listed in Section 5.3 of this report, are tabulated below.

Date	Interpreted Property Use
1894 to 1927	USGS Topo maps depict the property to be undeveloped.
1928 to 1938	Aerial photographs depict the property to be undeveloped.
1948 to 1953	Aerial photographs depict the property to be cultivated as an orchard
1964 to 1981	Aerial photographs depict the property to be undeveloped.
1989 to 2012	Aerial photographs depict the property to be vacant graded land.

The past uses of the subject property are not considered to represent evidence of a recognized environmental condition in connection with the subject property.

5.5 Past Uses – Adjoining Properties

Our interpretation of past uses of the adjoining properties, based on the historical data sources listed in Section 5.3 of this report, are tabulated below.

Date	Description
Northern Adjoining Property	
1894 to 1927	USGS Topo maps depict the property to be undeveloped.
1928 to 1938	Aerial photographs depict the property to be developed with Holt Avenue followed by land cultivated as orchards.
1948 to 2012	Aerial photographs depict the property to be developed with Holt Avenue followed by park land. USGS topographic maps identify the property as part of the Baptist Theological Seminary.
Central Adjoining Property	
1894 to 1927	USGS Topo maps depict the property to be undeveloped.
1928 to 1938	Aerial photographs depict the property to be undeveloped.
1948 to 1953	Aerial photographs depict the property to be cultivated as an orchard
1964 to 1981	Aerial photographs depict the property to be undeveloped.
1985 to 2012	Aerial photographs depict the property to be developed with the present-day office building. Historic city directories identified the tenants of the property as various professional office tenants.
Southern Adjoining Property	
1894 to 1904	USGS Topo maps depict the property to be undeveloped.

Date	Description
1927 to 1953	Aerial photographs depict the property to be developed with a highway.
1964 to 2012	Aerial photographs and USGS topographic maps depict the property to be developed with the San Bernardino Freeway (Interstate 10).
Eastern Adjoining Property	
1894 to 1948	USGS Topo maps and aerial photographs depict the property to be undeveloped.
1953 to 1981	Aerial photographs depict the property to be developed with residential homes.
1989 to 2013	Aerial photographs depict the property to be developed with residential homes and the present-day office building. Historic city directories identify the tenant of the office building property as: <u>1430 E. Holt Avenue</u> • Warren Schneider (2003) • Med Legal, Inc. (2013)
Western Adjoining Property	
1894 to 1927	USGS Topo maps depict the property to be undeveloped.
1928 to 1938	Aerial photographs depict the property to be undeveloped.
1948 to 1953	Aerial photographs depict the property to be cultivated as an orchard
1964 to 1981	Aerial photographs depict the property to be undeveloped.

Date	Description
1989 to 2013	Aerial photographs depict the property to be developed with Park View Drive followed by the present-day office buildings. Historic city directories identified the tenants of the property as: <u>1037 Park View Drive</u> • Various professional service providers (1990 to 2013) <u>1055 Park View Drive</u> • Warren Schneider (2003) • Med Legal, Inc. (2013) <u>1067 Park View Drive</u> • Martin Finesteindent (2008) • Rogers and Clem Company (2013) <u>1123 Park View Drive</u> • Duplex Projects (1990) • Lereta Corp (2008 to 2013) <u>1161 Park View Drive</u> • Various real estate and financial service providers (2008 to 2013)

The past uses of the adjoining properties are not considered to represent evidence of a recognized environmental condition in connection with the subject property.

5.6 Interviews

Alta interviewed parties potentially having information about current and/or former conditions at the subject property. The parties and their affiliation are tabulated on the following page.

Interviews		
Name	**Affiliation**	**Role**
Mr. Mark Hamilton	Preface, LLC	Client/User

Alta attempted to interview the property owner, but our interview request was not accepted. The client provided Alta Environmental with a copy of a questionnaire previously completed by the property owner. This questionnaire has been previously discussed in Section 4.4.

No evidence of a recognized environmental condition in connection with the subject property was reported during the abovementioned interviews. Pertinent information collected during these interviews has been incorporated throughout the report where appropriate. Interview records are presented in Appendix G.

6 NON-SCOPE CONSIDERATIONS

Per the authorized scope of work, items beyond the scope of ASTM E-1527-13 were not addressed as part of this assessment.

7 VAPOR ENCROACHMENT SCREENING

ASTM E1527-13 requires the Environmental Professional to evaluate the potential for vapor encroachment of chemicals of concern (COC) onto the subject property, and to determine if such vapor encroachment constitutes evidence of a recognized environmental condition on the subject property. The E1527-13 Standard Practice does not specifically state the methods that must be used to screen for potential vapor encroachment issues. However, ASTM has developed a separate Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E2600-15), which outlines a ASTM E1527-13-compliant methodology to conduct vapor encroachment screening.

7.1 VES Methodology

The goal of conducting Vapor Encroachment Screening (VES) is to identify a vapor encroachment condition (VEC), which is defined as the presence or likely presence of chemicals of concern (COC) vapors in the vadose zone of the subject property caused by the release of vapors from contaminated soil and/or groundwater either on or near the subject property. If a VEC is identified, the environmental professional must determine whether the VEC represents evidence of a Recognized Environmental Condition on the subject property under the context of the Phase I ESA Standard Practice. It should be noted that the identification of a VEC on the subject property does not necessarily indicate that a potential for migration of vapors into existing or proposed structures on the subject property is likely. The environmental professional will identify the VEC as a recognized environmental condition where the potential for vapor migration into structures is considered likely, or where the contaminant concentrations in the soil, groundwater, or soil vapors on the subject property are significant and likely to result in enforcement against on-site or off-site responsible parties.

The VES utilizes information regarding the potential presence of releases on or near the subject property that were collected as a normal part of the Phase I ESA process, such as governmental database records, review of governmental files, historical data sources, etc. The VES Standard Guide requires the environmental professional to search for potential sites of concern within specific search radii. The area of concern search radius is 1,760 feet (1/3 mile) for non-petroleum contaminated sites and 528 feet (1/10 miles) for petroleum contaminated sites. The default search distances may be expanded or reduced in the upgradient, downgradient, or cross-gradient directions by the environmental professional based on experience in the local area and applying professional judgment to factors such as where a well-defined regional groundwater flow direction is identified, or whether other geologic features such as low permeability soils or hydrogeologic boundaries such as rivers or streams exist which would tend to limit the potential for migration of groundwater or vapors in a particular direction.

7.2 VES Search Results

Alta identified one site of potential concern within the VES search radii, based on our review of governmental database records, regulatory agency files, and historical resources referenced in Section 5.3. These sites are summarized and discussed in the following table:

Site Name/Address	Distance, Direction, and Relative Elevation to Subject Property	VEC	Rationale
969 S. Village Oaks Drive	642 feet northwest of subject property. Topographically cross-gradient	No	No evidence of past release of COCs. Separation distance, soil classification, and depth to water.

The results of the VES did not identify evidence of a VEC in connection with the subject property.

8 FINDINGS

Based on the site reconnaissance, review of historical and available documents, and interviews, Alta finds the following:

8.1 Current Site Activities

At the time of our site reconnaissance, the property consists of five vacant graded parcels of land.

8.2 Historical Site Activities

The subject property was undeveloped prior to 1938 when the property was cultivated as an orchard. Between 1948 and 1953, agricultural activities at the property ceased and the property left vacant. Around 1981, the subject property was graded and left vacant.

8.3 Off-Site Activities

The subject property is located within an area currently developed for commercial and residential use. Current uses of adjoining properties include: An office building located between the northern and southern portion of the subject property; Holt Avenue followed by a park to the north; an office building and residential homes to the east; the San Bernardino Freeway to the south; and Park View Drive followed by several office buildings to the west.

8.4 Data-Gaps

The ASTM Standard defines a data gap as “a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.” A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps. Alta did not identify any significant data gaps associated with the assessment.

9 CONCLUSIONS

Alta completed a Phase I ESA of the subject property located at 1034, 1054, 1118, 1154, and 1164 Park View Drive in Covina, Los Angeles County, California. The ESA was performed in conformance with the scope and limitations of ASTM E1527-13 and AAI standards. Any exceptions to, or deletions from, this

practice are described in Section 1.0 of this report. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the subject property.

This assessment has revealed no evidence of current or historic RECs or Controlled RECs in connection with the subject property. The results of the VES did not identify evidence of a VEC in connection with the subject property.

10 QUALIFICATIONS AND SIGNATURE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

ERIC FRASKE, PE
PROJECT MANAGER/SENIOR III

Reviewed By:
Lynleigh Love, PG
PROJECT MANAGER/SENIOR III

Resume and other supporting documentation are maintained on file at Alta.

Figures

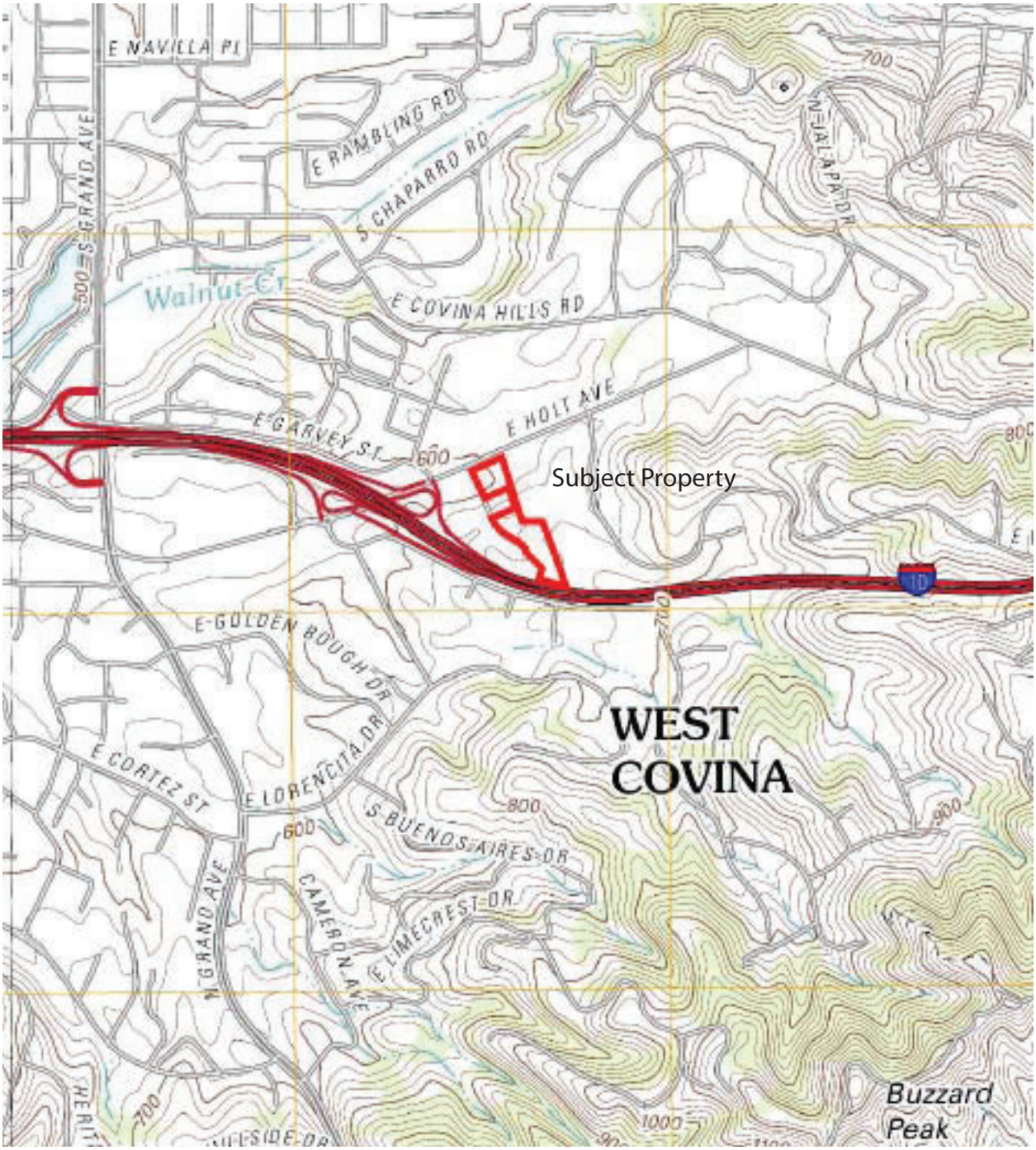

FIGURE 1: SITE LOCATION MAP

CLIENT : PREFACE, LLC	**SITE LOCATION: VACANT LAND** **1034, 1054, 1118, 1154, AND 1164 PARK VIEW DRIVE** **COVINA, CALIFORNIA**
PROJECT # : PREF-16-6526	

ALTA ENVIRONMENTAL
3777 Long Beach Blvd., Annex Bldg.
Long Beach, CA 90807
(562) 495-5777 www.altaenviron.com

DRAWN: EF	APPROVED: EF	NORTH
SCALE: None	DATE: 11/30/2016	

Figure 2: Site Vicinity

CLIENT: Covina Park View, LLC	Site Location: 1034, 1054, 1118, 1154, and 1164 Park View Drive, Covina, California
PROJECT #:PREF-16-6526	

ALTA ENVIRONMENTAL

DRAWN: EF	APPROVED : EF	NORTH
SCALE: NOT TO SCALE	DATE: 11/30/16	

Appendix A

Representative Site Photographs

Photo 1: Southern Subject Property Parcels Facing South

Photo 2: Southern Site Parcels Facing North

Photo 3: Northern Subject Property Parcels Facing East

Photo 4: Northern Subject Property Parcels Facing West

Photo 5: Typical Pad Mounted Transformer Observed on Subject Property

Photo 6: Northern Adjoining Property

Photo 7: Eastern Adjoining Office Building

Photo 8: Eastern Adjoining Residential Properties

Photo 9: Southern Adjoining Property

Photo 10: Western Adjoining Office Building

Photo 11: Central Adjoining Property Office Building

Photo 12: Northwestern Adjoining Office Building

Photo 13: Southwestern Adjoining Office Building

Photo 14: Eastern Adjoining Residential Property

Appendix B

Historical Research Documentation

Vacant Land
1034 Park View Drive
Covina, CA 91724

Inquiry Number: 4787451.12
November 22, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/22/16

Site Name:

Vacant Land
1034 Park View Drive
Covina, CA 91724
EDR Inquiry # 4787451.12

Client Name:

Alta Environmental
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: May 22, 2002	USDA
1995	1"=500'	Acquisition Date: October 03, 1995	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 03, 1989	USDA
1981	1"=500'	Flight Date: February 21, 1981	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: November 21, 1972	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1953	1"=500'	Flight Date: February 01, 1953	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 24, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	USGS

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INQUIRY #: 4787451.12
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 4787451.12

YEAR: 2010

= 500'

N

EDR

INQUIRY #: 4787451.12

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 4787451.12

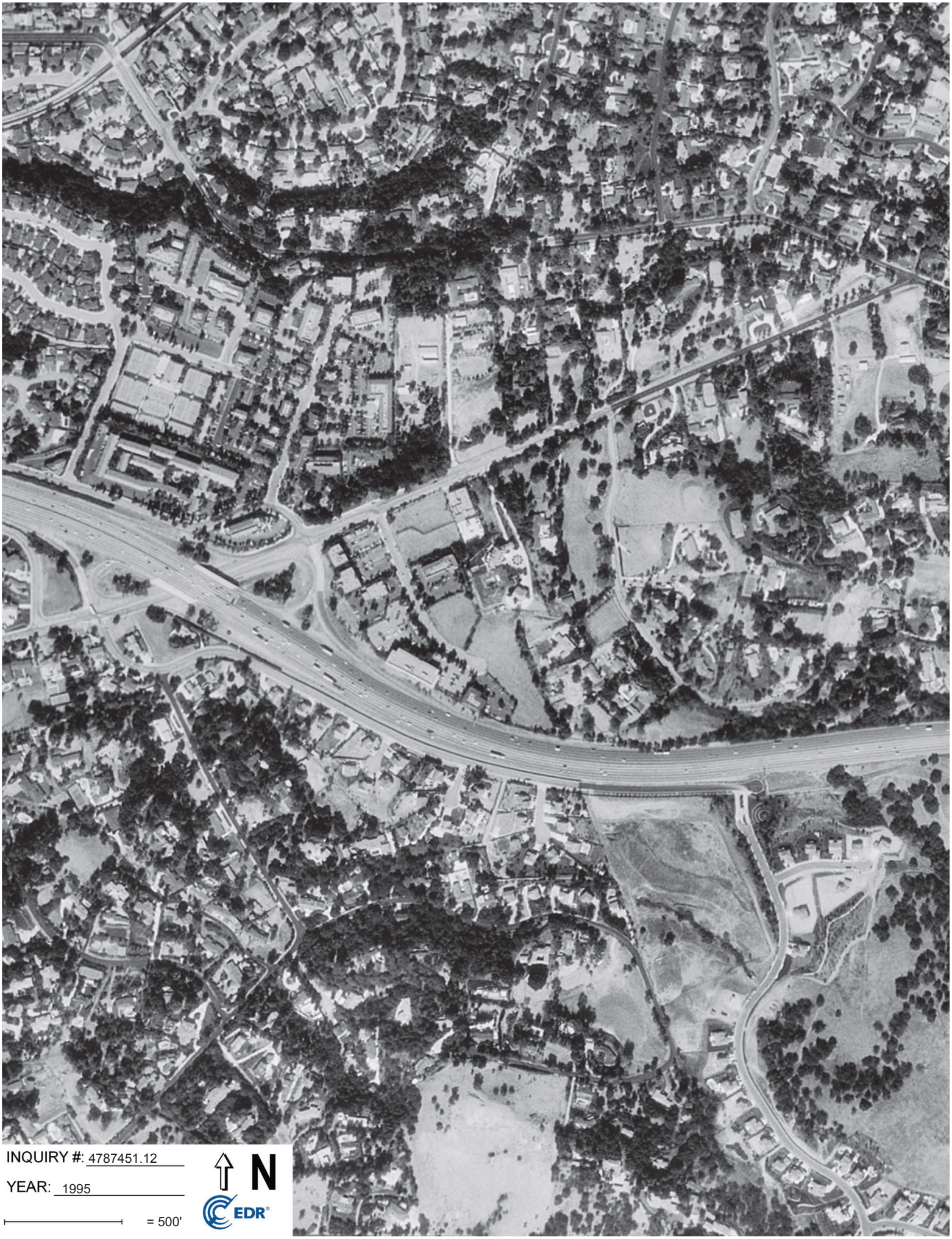
YEAR: 2005

= 500'

N

EDR

INQUIRY #: 4787451.12
YEAR: 2002
= 500'
N
EDR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YEAR: 1995
= 500'
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EDR

INQUIRY #: 4787451.12
YEAR: 1990
= 500'
N
EDR

INQUIRY #: 4787451.12
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 4787451.12

YEAR: 1981

= 500'

N

EDR

INQUIRY #: 4787451.12

YEAR: 1972

= 500'

N

EDR

INQUIRY #: 4787451.12
YEAR: 1964
= 500'
N
EDR

INQUIRY #: 4787451.12
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 4787451.12

YEAR: 1948

= 500'

N

EDR

INQUIRY #: 4787451.12

YEAR: 1938

= 500'

N

EDR

INQUIRY #: 4787451.12

YEAR: 1928

= 500'

N

EDR

Vacant Land
1034 Park View Drive
Covina, CA 91724

Inquiry Number: 4787451.4
November 21, 2016

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/21/16

Site Name:

Vacant Land
1034 Park View Drive
Covina, CA 91724
EDR Inquiry # 4787451.4

Client Name:

Alta Environmental
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Alta Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: PREF-16-6526

Coordinates:

Latitude:	34.070653 34° 4' 14" North
Longitude:	-117.861305 -117° 51' 41" West
UTM Zone:	Zone 11 North
UTM X Meters:	420525.14
UTM Y Meters:	3770324.55
Elevation:	598.06' above sea level

Maps Provided:

2012
1981
1972
1966
1953, 1954
1927
1904
1898
1897
1894

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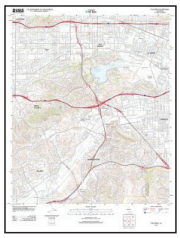
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



San Dimas

7.5-minute, 24000

Baldwin Park

7.5-minute, 24000

1981 Source Sheets

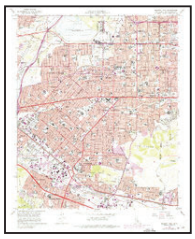
Baldwin Park

7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978

San Dimas

7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978

1972 Source Sheets



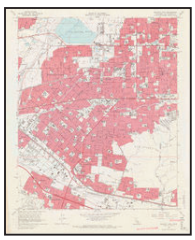
Baldwin Park

7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972

San Dimas

7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972

1966 Source Sheets



Baldwin Park

7.5-minute, 24000
Aerial Photo Revised 1964

San Dimas

7.5-minute, 24000
Aerial Photo Revised 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953, 1954 Source Sheets

Baldwin Park

7.5-minute, 24000
Aerial Photo Revised 1952

San Dimas

7.5-minute, 24000
Aerial Photo Revised 1952

1927 Source Sheets

Covina

7.5-minute, 24000

1904 Source Sheets

Pomona

15-minute, 62500

1898 Source Sheets

Pomona

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Pomona

15-minute, 62500

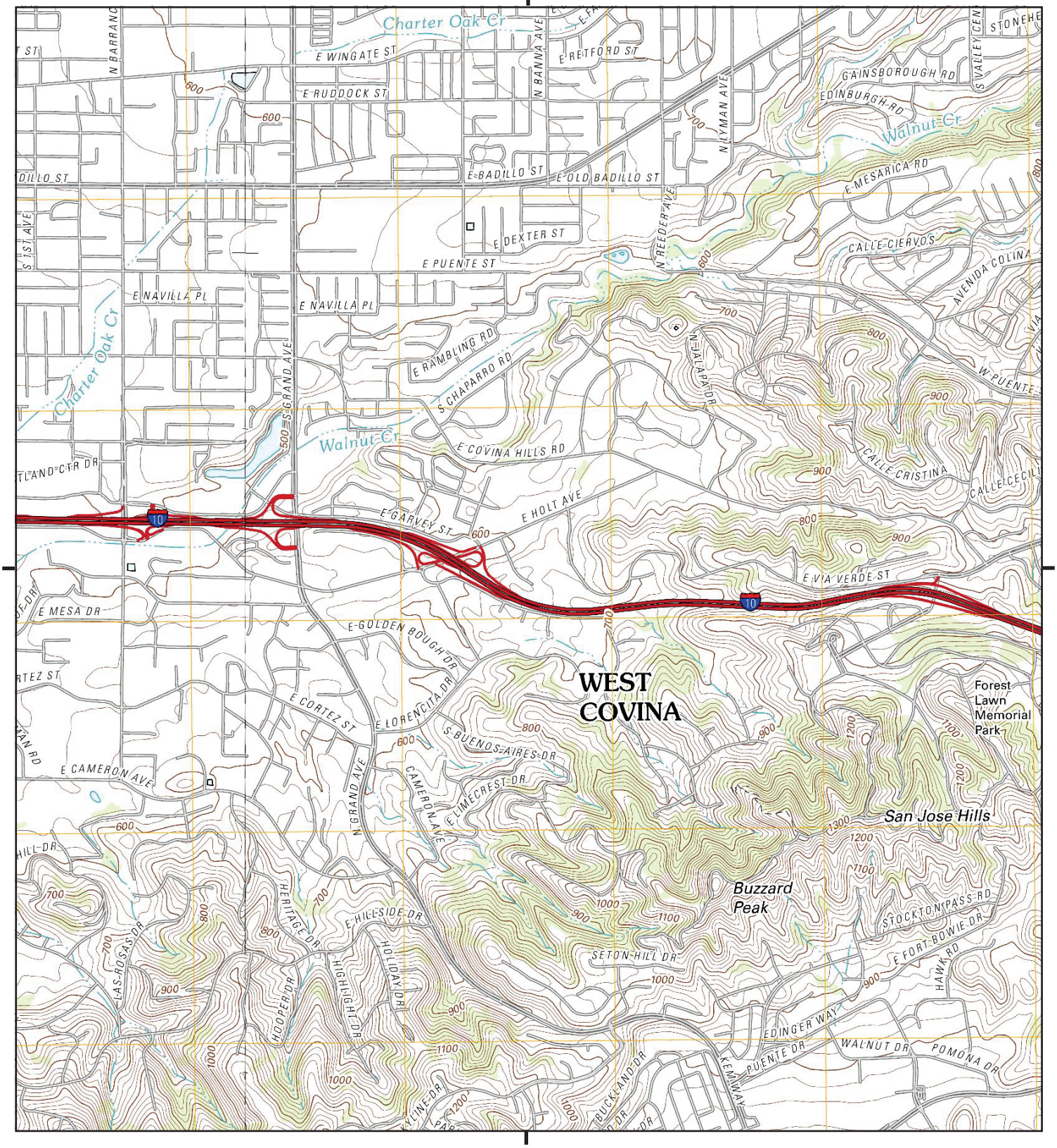
1894 Source Sheets

Pomona

15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

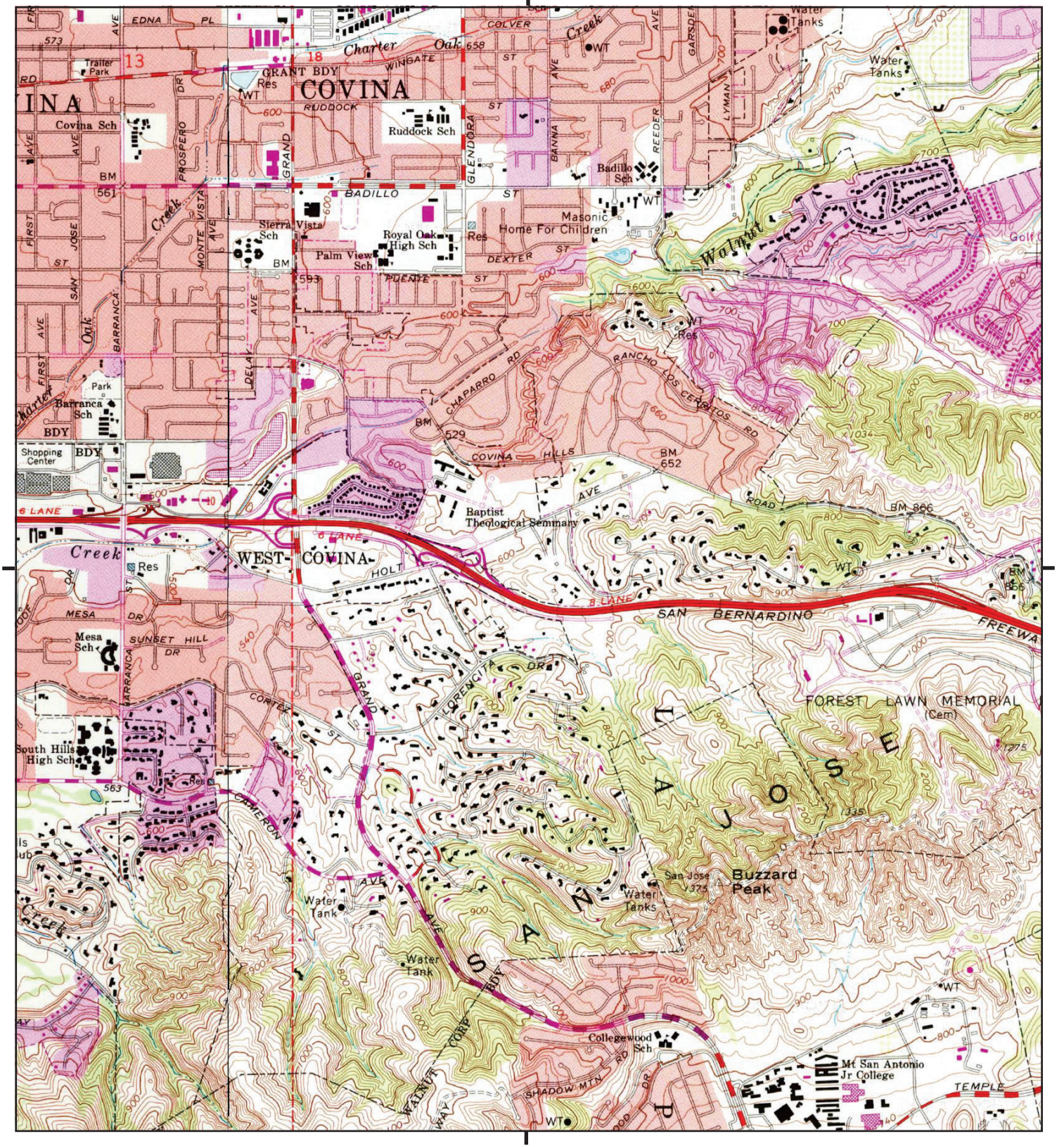
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Dimas, 2012, 7.5-minute
W, Baldwin Park, 2012, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

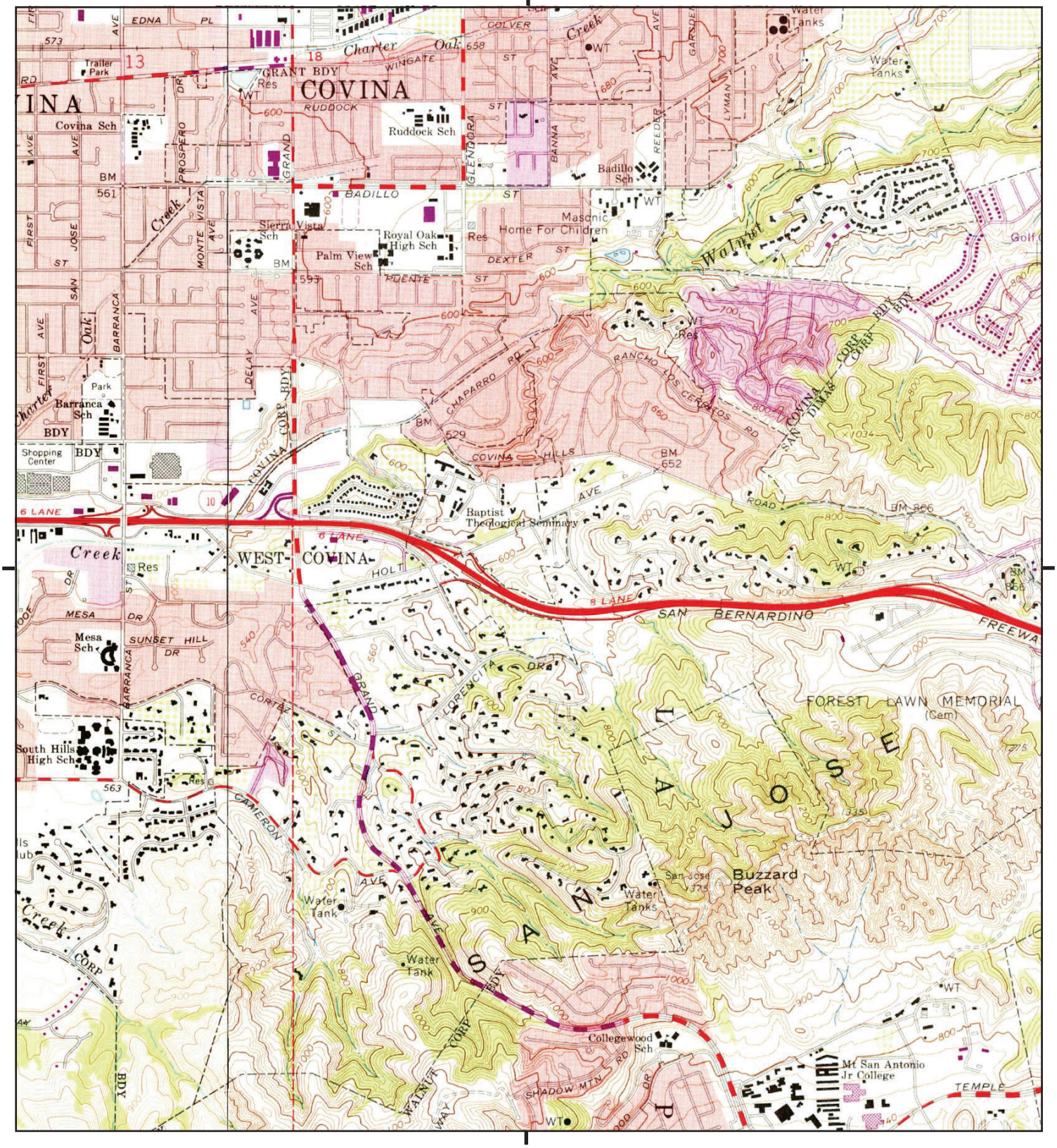
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Dimas, 1981, 7.5-minute
W, Baldwin Park, 1981, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

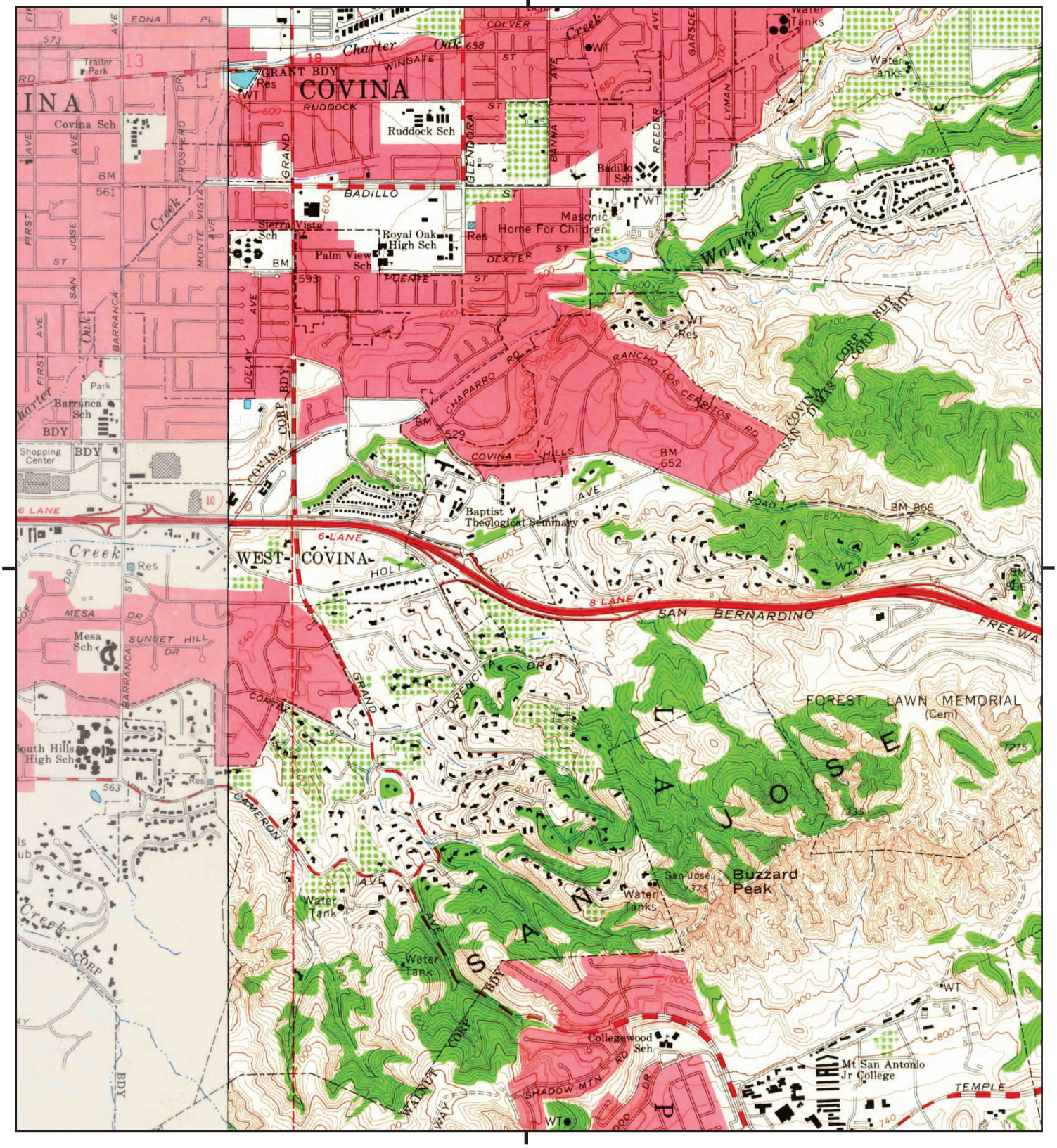
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Dimas, 1972, 7.5-minute
W, Baldwin Park, 1972, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

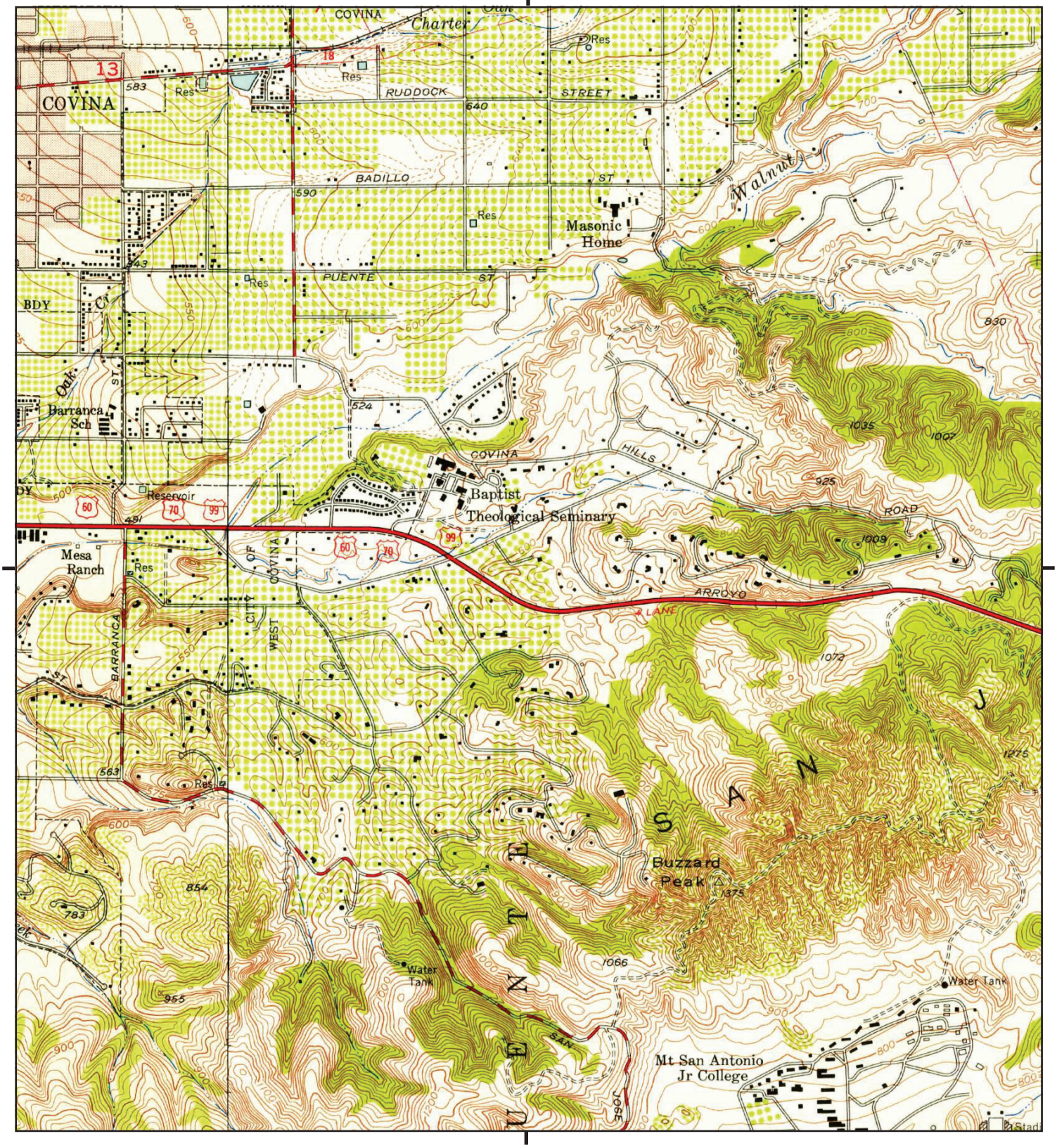
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Dimas, 1966, 7.5-minute
W, Baldwin Park, 1966, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

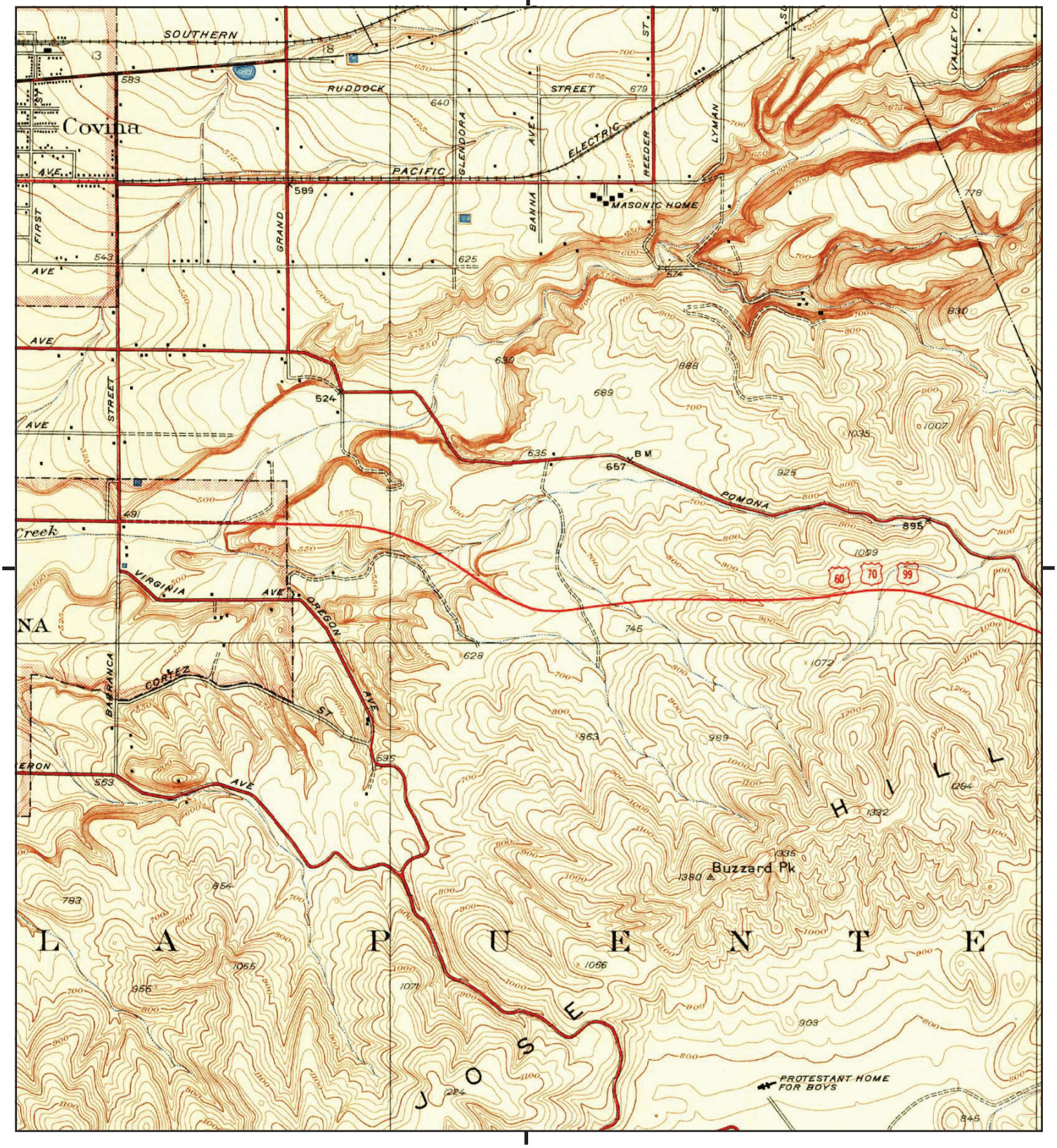
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Dimas, 1954, 7.5-minute
W, Baldwin Park, 1953, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

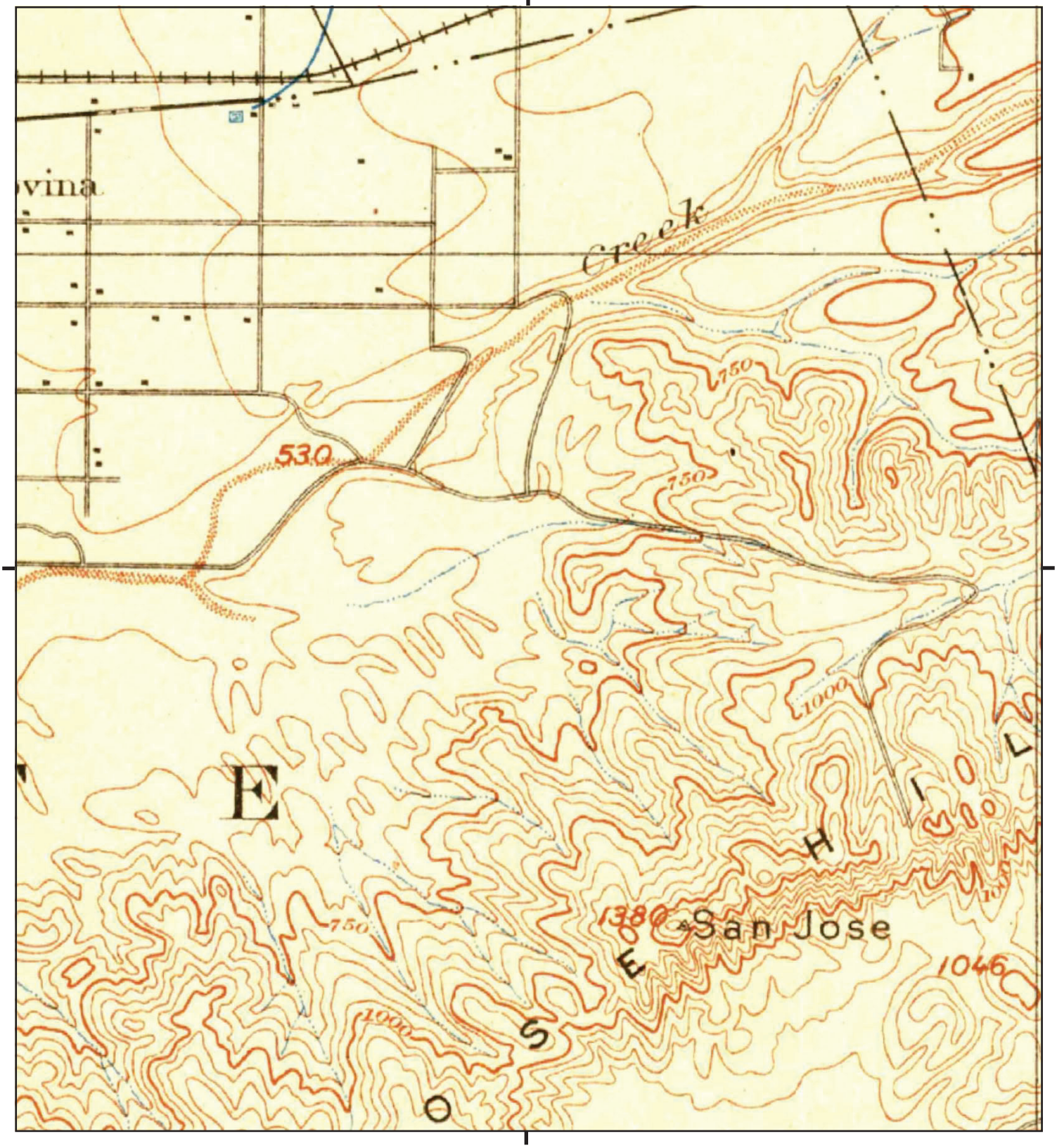
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Covina, 1927, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

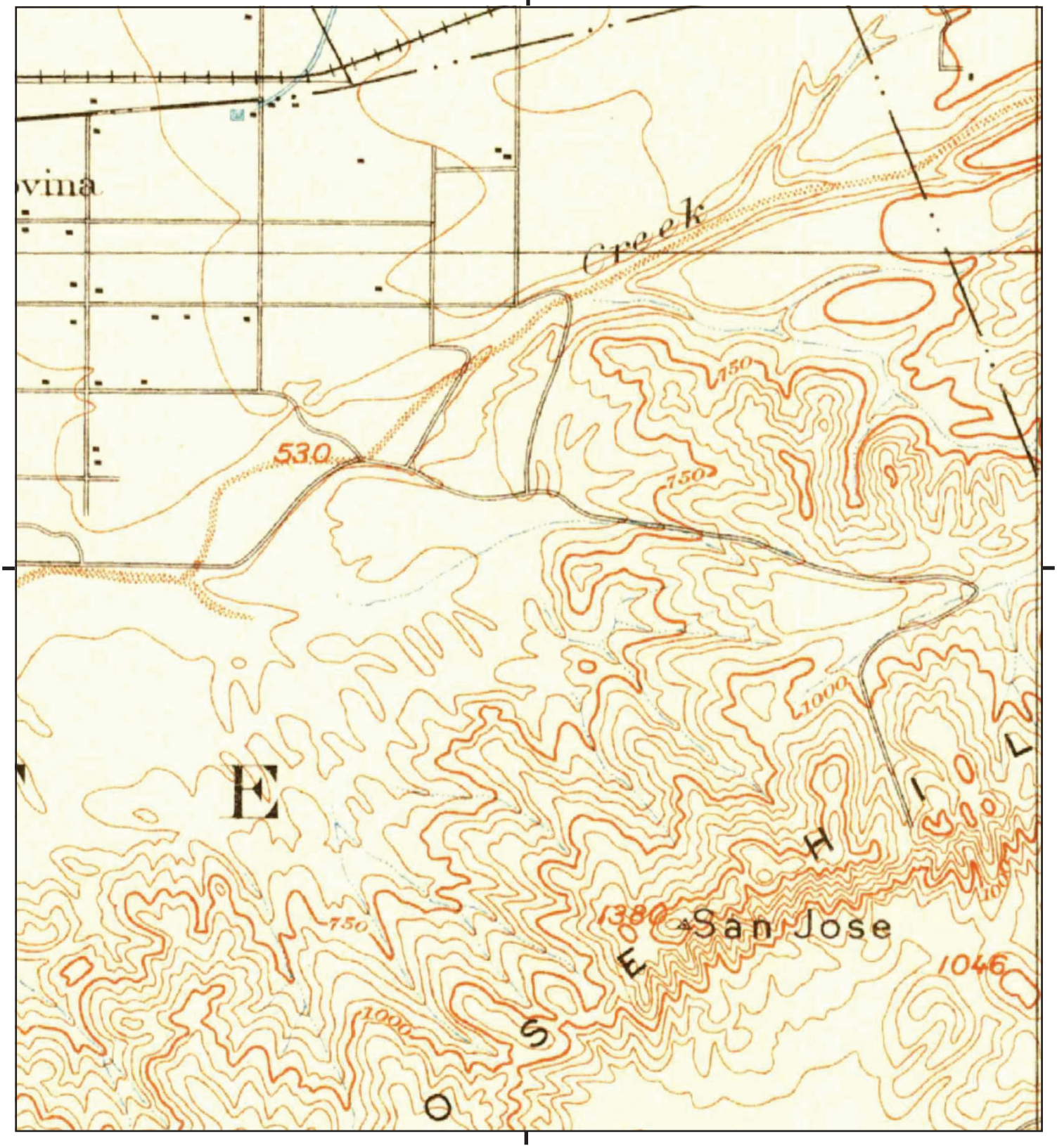
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1904, 15-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

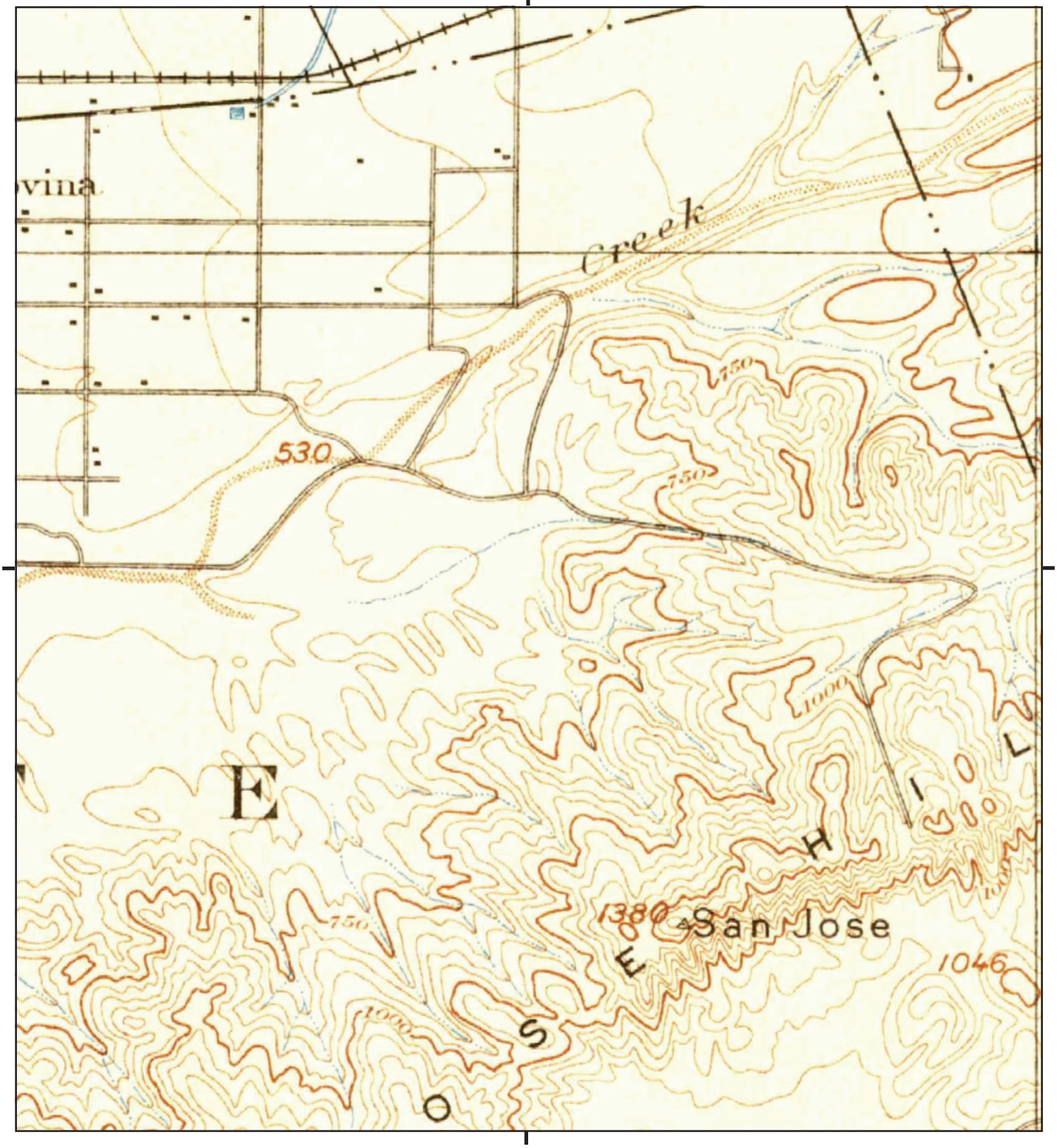
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1898, 15-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

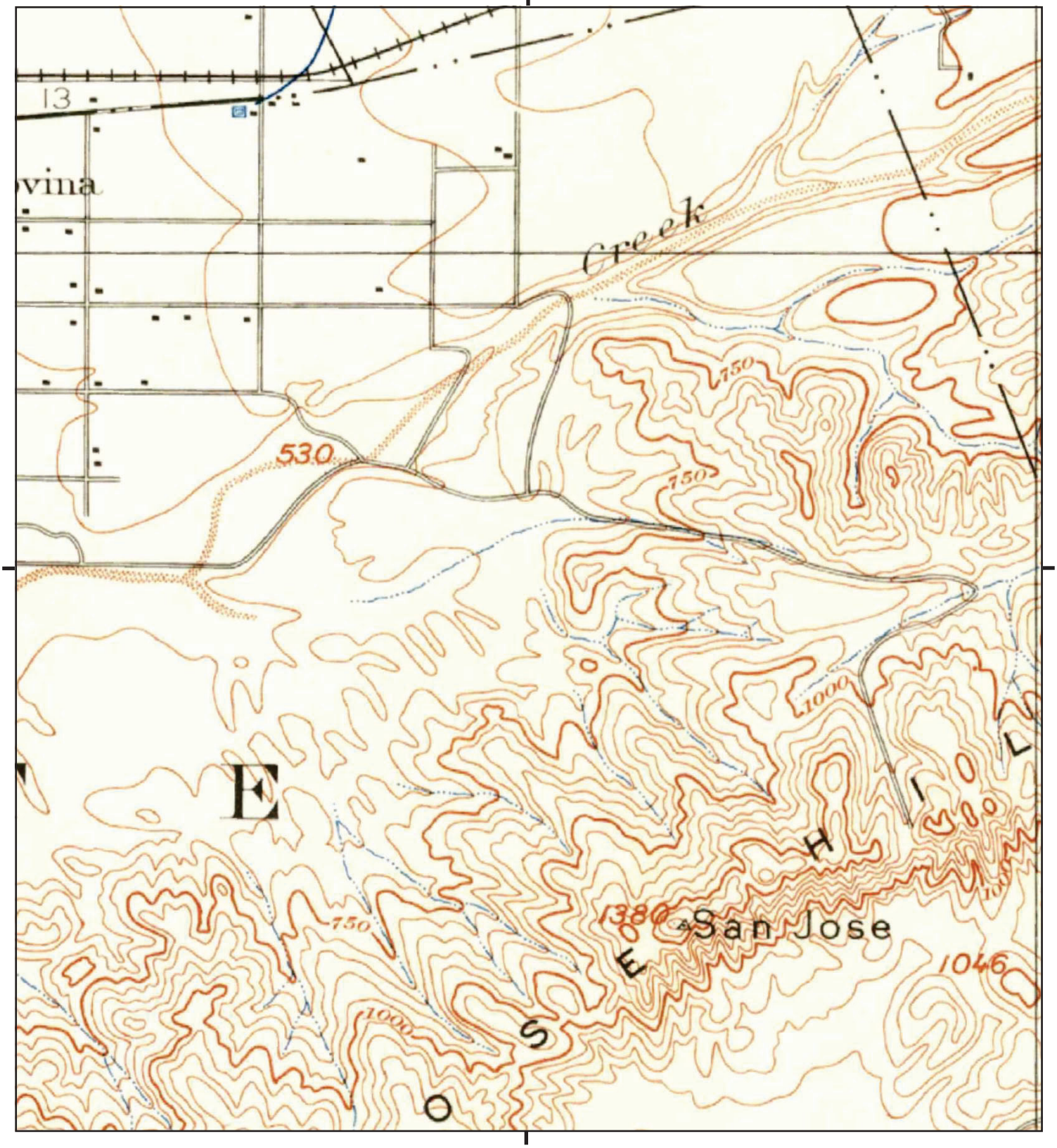
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1897, 15-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1894, 15-minute

SITE NAME: Vacant Land
ADDRESS: 1034 Park View Drive
Covina, CA 91724
CLIENT: Alta Environmental

N

Vacant Land

1034 Park View Drive

Covina, CA 91724

Inquiry Number: 4787451.3

November 21, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/21/16

Site Name:

Vacant Land
1034 Park View Drive
Covina, CA 91724
EDR Inquiry # 4787451.3

Client Name:

Alta Environmental
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A373-40CB-BA14

PO # NA

Project PREF-16-6526

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: A373-40CB-BA14

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Vacant Land
1034 Park View Drive
Covina, CA 91724

Inquiry Number: 4787451.5
November 21, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	X	X	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	-	-	-
1976	R.L. Polk & Co Publishers	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	X	X	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directroy Co Publisher	-	X	X	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	X	X	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	X	X	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
1054 Park View Drive	Client Entered	
1118 Park View Drive	Client Entered	
1154 Park View Drive	Client Entered	
1164 Park View Drive	Client Entered	
1074 Park View Drive	Client Entered	X
1067 Park View Drive	Client Entered	
1037 Park View Drive	Client Entered	X
1123 Park View Drive	Client Entered	X
1161 Park View Drive	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1034 Park View Drive
Covina, CA 91724

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CENTER COURT DR

1338 CENTER COURT DR

Year	Uses	Source
2013	ENGEL INSURANCE AGENCY	Cole Information Services
	FLORES ERIC	Cole Information Services
	LEE ALAN INSURANCE SERVICES	Cole Information Services
	VILLAGE OAKS COUNSELING SERVICES	Cole Information Services
	OUTSOURCE FINANCIALS GROUP I	Cole Information Services
	VILLAGE OAKS SURETY & INSURANCE	Cole Information Services
	DAVIDSON JOLYN E LCSW	Cole Information Services
	KAVAK REALTY & MANAGEMENT	Cole Information Services
	CREDIT SOLVERS	Cole Information Services
	HOSPITALITY GENERAL INSURANCE SERVIC	Cole Information Services
2008	SAMARITAN INSURANCE FINANCIAL SERVIC	Cole Information Services
	MICHAEL TEBEAU	Cole Information Services
	VILLAGE OAKS SURETY & INSURANCE	Cole Information Services
	SAMARITAN SERVICES	Cole Information Services
	LEE ALAN	Cole Information Services
	VILLAGE OAKS COUNSELING SERVICES	Cole Information Services
	ING FINANCIAL PARTNERS	Cole Information Services
	FARMERS INSURANCE	Cole Information Services

1345 CENTER COURT DR

Year	Uses	Source
2013	PTL INSURANCE BROKERS INC	Cole Information Services
2008	P T L INSURANCE BROKERS INC	Cole Information Services

1373 CENTER COURT DR

Year	Uses	Source
2013	LOS ANGELES COUNTY DEPT CHILDREN & F	Cole Information Services
2008	SODEXHO USA	Cole Information Services

FINDINGS

E GARVEY AVE

1270 E GARVEY AVE

Year	Uses	Source
1990	BENEVEST ESCROW COMPANY	Pacific Bell

E GARVEY ST

1270 E GARVEY ST

Year	Uses	Source
2013	CASTLEHEAD ESCROWCOVINA	Cole Information Services
	SUPERMEDIA	Cole Information Services
	SOUTHPOINT FINANCIAL	Cole Information Services
	MARITZA GONZALEZ STATE FARM INSURA	Cole Information Services
	HANGER PROSTHETICS & ORTHOTICS	Cole Information Services
	PRUDENTIAL CALIFORNIA REALTY	Cole Information Services
2008	CROIX INVESTMENTS LIC	Cole Information Services
	CASTLEHEAD INC ESCROWS	Cole Information Services
	APL LOGISTICS	Cole Information Services
	BRISTOL HOME LOANS	Cole Information Services
	HANGER ORTHOPEDIC GROUP INC	Cole Information Services
	SOUTH POINTE FINANCIAL	Cole Information Services
	RIGHTWAY COMPUTER TRAINING CENTER	Cole Information Services
	THE FEINGOLD TEAM	Cole Information Services
1995	Sizzling Kabob Inc	Pacific Bell
	Bec Trust Deed Service	Pacific Bell
	Southward A Whit	Pacific Bell
	I Southpoint Financial	Pacific Bell
	Western Federal Savings & Loan Association	Pacific Bell
	Western Federal Savings & Loan	Pacific Bell

E HOLT AVE

1405 E HOLT AVE

Year	Uses	Source
2003	VANVALKENBURGH J R	Haines & Company
	VANVALKENBURGH JR	Haines & Company
1995	Van Valkenburgh J R	Pacific Bell

FINDINGS

Year	Uses	Source
1985	SCHULTZ CHAD A	Pacific Bell
1975	SCHULTZ CHAS A	Pacific Telephone

1411 E HOLT AVE

Year	Uses	Source
1950	ROBERTS HARRY R	Pacific Telephone
	ROBERTS HARRY R	Pacific Telephone

1430 E HOLT AVE

Year	Uses	Source
2013	MED LEGAL INC	Cole Information Services
2003	SCHNEIDERWarren	Haines & Company
1995	i	Pacific Bell

1438 E HOLT AVE

Year	Uses	Source
2003	SONG Rio	Haines & Company

1445 E HOLT AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Cordova Henry	Pacific Bell

2005 E HOLT AVE

Year	Uses	Source
1951	Bewley J	Los Angeles Directory Co Publishers

20065 E HOLT AVE

Year	Uses	Source
1966	SCHOCK HAROLD REV	Pacific Telephone
1960	JOBE CHAS R	Pacific Telephone
1957	JOBE CHAS R	Pacific Telephone

20095 E HOLT AVE

Year	Uses	Source
1960	SCHULTZ CHAD A	Pacific Telephone
1957	SCHULTZ CHAD A	Pacific Telephone

FINDINGS

HOLT AVE E

1460 HOLT AVE E

Year	Uses	Source
1940	Baker C D	Los Angeles Directroy Co Publisher
1934	Baker C D	Los Angeles Directory Co.
1931	Baker C D	Los Angeles Directory Co.

PARK VIEW DR

1037 PARK VIEW DR

Year	Uses	Source
2013	ALPHA ACTUAL LLC	Cole Information Services
	MONTGOMERY NIEMEYER & CO LLP	Cole Information Services
	CROWELL WEEDON & CO	Cole Information Services
	MNC TECHNOLOGY SOLUTIONS INC	Cole Information Services
	ALPHA ACTUAL LLC	Cole Information Services
	MONTGOMERY NIEMEYER & CO LLP	Cole Information Services
	CROWELL WEEDON & CO	Cole Information Services
	MNC TECHNOLOGY SOLUTIONS INC	Cole Information Services
2008	SWAN INVESTMENTS INTERNATIONAL INC	Cole Information Services
	IRES	Cole Information Services
	INTERNATIONAL REAL ESTATE SERVICES	Cole Information Services
	CROWELL WEEDON & CO INC	Cole Information Services
	INTERNATIONAL MORTGAGE CORP	Cole Information Services
	PINKERTONS	Cole Information Services
	SWAN INVESTMENTS INTERNATIONAL INC	Cole Information Services
	IRES	Cole Information Services
	INTERNATIONAL REAL ESTATE SERVICES	Cole Information Services
	CROWELL WEEDON & CO INC	Cole Information Services
	INTERNATIONAL MORTGAGE CORP	Cole Information Services
	PINKERTONS	Cole Information Services
1991	TRW Real Estate Information Services	Pacific Bell
1990	TRW INC TRW INFORMATION SYSTEMS GROUP	Pacific Bell

FINDINGS

1051 PARK VIEW DR

Year	Uses	Source
2013	CHRIST SPANG & CAPITANO INSURANCE AG	Cole Information Services
	EMNET MANAGEMENT SYSTEMS	Cole Information Services
	CENTRAL HEALTH MSO	Cole Information Services
2008	CENTRAL HEALTH	Cole Information Services
	CHRIST SPANG & CAPISTRANO INSURANCE	Cole Information Services
	ACE IPA INC	Cole Information Services

1067 PARK VIEW DR

Year	Uses	Source
2013	ROGERS CLEM & COMPANY	Cole Information Services
	ROGERS CLEM & COMPANY	Cole Information Services
2008	FINESTEINIDENT MARTTIN	Cole Information Services
	FINESTEINIDENT MARTTIN	Cole Information Services

1074 PARK VIEW DR

Year	Uses	Source
2013	AMERICAN INCOME LIFE INSURANCE	Cole Information Services
	HULS ENVIRONMENTAL	Cole Information Services
	PROVIDENT ESCROW INC	Cole Information Services
	UNITED REALTY	Cole Information Services
	FULCRUM FINANCIAL	Cole Information Services
	REALTY EXECUTIVES INTERNATIONL	Cole Information Services
	PRESTIGIOUS HOME HEALTH	Cole Information Services
	LEMAR HOME HEALTH SERVICES INC	Cole Information Services
	PLATINUM HOLDING	Cole Information Services
	ALLISON MICHAEL	Cole Information Services
	AMERICAN INCOME LIFE INSURANCE	Cole Information Services
	HULS ENVIRONMENTAL	Cole Information Services
	PROVIDENT ESCROW INC	Cole Information Services
	UNITED REALTY	Cole Information Services
	FULCRUM FINANCIAL	Cole Information Services
	REALTY EXECUTIVES INTERNATIONL	Cole Information Services
	PRESTIGIOUS HOME HEALTH	Cole Information Services
	LEMAR HOME HEALTH SERVICES INC	Cole Information Services
	PLATINUM HOLDING	Cole Information Services
	ALLISON MICHAEL	Cole Information Services
2008	WEICKERT ALLISON JETER CO INC	Cole Information Services

FINDINGS

Year	Uses	Source
2008	PROVIDENT ESCROW INC	Cole Information Services
	BROKERS ONLY INC	Cole Information Services
	LEMAR HOME HEALTH SERVICES INC	Cole Information Services
	SUPERIOR LENDING CORP	Cole Information Services
	WEICKERT ALLISON JETER CO INC	Cole Information Services
	PROVIDENT ESCROW INC	Cole Information Services
	BROKERS ONLY INC	Cole Information Services
	LEMAR HOME HEALTH SERVICES INC	Cole Information Services
	SUPERIOR LENDING CORP	Cole Information Services
1985	SKRIFVARS J CRAIG CPA	Pacific Bell
	ANDEN GROUP THE	Pacific Bell

1123 PARK VIEW DR

Year	Uses	Source
2013	LERETA CORP	Cole Information Services
	LERETA CORP	Cole Information Services
2008	LERETA CORP	Cole Information Services
	LANDAMERICA TAX ND FLD SERVICES	Cole Information Services
	LERETA CORP	Cole Information Services
	LANDAMERICA TAX ND FLD SERVICES	Cole Information Services
1990	DUPLEX PRODUCTS INC COVINA	Pacific Bell

1161 PARK VIEW DR

Year	Uses	Source
2013	FAIRWAY LENDING GROUP IN	Cole Information Services
	CONTINENTAL BUSINESS SERVICES	Cole Information Services
	STATE OF CALIFORNIA	Cole Information Services
	FAIRWAY LENDING GROUP IN	Cole Information Services
	CONTINENTAL BUSINESS SERVICES	Cole Information Services
	STATE OF CALIFORNIA	Cole Information Services
2008	LUCERNA REAL ESTATE	Cole Information Services
	LUCERNA MORTGAGE	Cole Information Services
	SAMPE	Cole Information Services
	SOCIETY FOR ADVNCMT M P	Cole Information Services
	LUCERNA REAL ESTATE	Cole Information Services
	LUCERNA MORTGAGE	Cole Information Services
	SAMPE	Cole Information Services
	SOCIETY FOR ADVNCMT M P	Cole Information Services

FINDINGS

Park View Drive

1037 Park View Drive

Year	*Uses*	*Source*
1991	TRW Real Estate Information Services	Pacific Bell
1990	TRW INC TRW INFORMATION SYSTEMS GROUP	Pacific Bell

1074 Park View Drive

Year	*Uses*	*Source*
1985	ANDEN GROUP THE	Pacific Bell
	SKRIFVARS J CRAIG CPA	Pacific Bell

1123 Park View Drive

Year	*Uses*	*Source*
1990	DUPLEX PRODUCTS INC COVINA	Pacific Bell

S VILLAGE OAKS DR

957 S VILLAGE OAKS DR

Year	*Uses*	*Source*
2013	PEASE BRYCE	Cole Information Services
	MBI MEDIA	Cole Information Services
	GOMIK GERALD A ATTY	Cole Information Services
2008	FULCRUM RESOURCES INC	Cole Information Services
	HOW WE ROLL INC	Cole Information Services
	MBI MEDICAL	Cole Information Services
	BRYCE PEASE	Cole Information Services
	TERAN JOHN	Cole Information Services
	PAUL N GAUTREAU	Cole Information Services
	CENTAURUS FINANCIAL	Cole Information Services
	ROBERT & GAYLE PACHECO	Cole Information Services
	DAUGHERTY DAVID J LAW OFFICE	Cole Information Services
1985	SPRINGER & PAYNE ATTYS	Pacific Bell

960 S VILLAGE OAKS DR

Year	*Uses*	*Source*
2013	VALUCARE HOME HEALTH I	Cole Information Services
	AMERICAN SOUL CLINIC INC	Cole Information Services
2008	SOUL CLINIC INTERNATIONAL	Cole Information Services

FINDINGS

969 S VILLAGE OAKS DR

Year	Uses	Source
2013	THOMAS A LOYA LAW OFFICES	Cole Information Services
	TSM WORLD INC	Cole Information Services
	OBRIEN	Cole Information Services
	ADAMS SARAH V PSYD LMFT	Cole Information Services
	CAPITAL REMEDY	Cole Information Services
	D S YANG INSURANCE AGENCY	Cole Information Services
	GUZMAN JOHN J ATTORNEY AT LAW	Cole Information Services
	STATEWIDE INSPECTIONS	Cole Information Services
2008	MACEDO ADVERTISING INC	Cole Information Services

970 S VILLAGE OAKS DR

Year	Uses	Source
2013	BUYERS ADVANTAGE REAL ESTATE	Cole Information Services
	PRO INFO SYSTEMS	Cole Information Services
	ALPHA APPRAISAL	Cole Information Services
	INCION	Cole Information Services
	CALIFORNIA HERITAGE	Cole Information Services
	DAIKOKUYA INC	Cole Information Services
	ACCELERATED MORTGAGE	Cole Information Services
	CHARTER HOSPICE	Cole Information Services
	ANDERSEN MARK & ASSOCIATES	Cole Information Services
	MACK CHEBEIR INSURANCE AGENCY	Cole Information Services
	GAUTREAU	Cole Information Services
	CENTURY 21	Cole Information Services
	NATIONAL LINK BANKCARD	Cole Information Services
	NORMAN QUAN INSURANCE AGENCY	Cole Information Services
	SMART ONE PAYMENT SYSTEMS	Cole Information Services
	PRESTIGE HOME LOANS INC	Cole Information Services
	CAMPBELL LISA INS	Cole Information Services
	MOSLEY BEN III	Cole Information Services
	TRANSFORMATION MINISTRIES	Cole Information Services
	WORLDWIDE EXPORTS INC	Cole Information Services
2008	VIVIAN SHALLITO INC	Cole Information Services
	ACCELERATED MORTGAGE	Cole Information Services
	MANNING MICHAEL E LAW OFFICE	Cole Information Services
	TRANSFORMATION MINISTRIES	Cole Information Services
	MARK ANDERSEN & ASSOCIATES	Cole Information Services
	LAPP INSULATORLLC	Cole Information Services

FINDINGS

Year	Uses	Source
2008	PRESTIGE HOME LOANS INC	Cole Information Services
	BUYERS ADVANTAGE REAL ESTATE	Cole Information Services
	CLIENT FIRST REALTORS	Cole Information Services
	CALIFORNIA HERITAGE FINANCIAL	Cole Information Services
	GLOBAL ELECTRONIC	Cole Information Services
	LEE EMMA INSURANCE AGENCY	Cole Information Services
	HOME MORTGAGE ADVISORS CORP	Cole Information Services
	ALPHA APPRAISAL 2000	Cole Information Services
	MACK CHEBEIR INSURANCE AGENCY	Cole Information Services

979 S VILLAGE OAKS DR

Year	Uses	Source
2008	CHICKS SPORTING GOODS	Cole Information Services

VILLAGE OAKS DR

960 VILLAGE OAKS DR

Year	Uses	Source
1990	PERSONAL FINANCE CO COVINA	Pacific Bell

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1034 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1037 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1037 PARK VIEW DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1037 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1037 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1051 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1067 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1067 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1067 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1074 PARK VIEW DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1074 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1074 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1074 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 PARK VIEW DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1123 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1161 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1161 PARK VIEW DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1161 Park View Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1270 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1270 E GARVEY ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1270 E GARVEY ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 CENTER COURT DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1345 CENTER COURT DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1373 CENTER COURT DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1405 E HOLT AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1411 E HOLT AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1430 E HOLT AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1430 E HOLT AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1438 E HOLT AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1445 E HOLT AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1460 HOLT AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1939, 1938, 1937, 1936, 1935, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2005 E HOLT AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
20065 E HOLT AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
20095 E HOLT AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
957 S VILLAGE OAKS DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
957 S VILLAGE OAKS DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
960 S VILLAGE OAKS DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
960 VILLAGE OAKS DR	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
969 S VILLAGE OAKS DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
970 S VILLAGE OAKS DR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
979 S VILLAGE OAKS DR	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix C

EDR Radius Report with GeoCheck

Vacant Land
1034 Park View Drive
Covina, CA 91724

Inquiry Number: 4787451.2s
November 21, 2016

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
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Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1034 PARK VIEW DRIVE
COVINA, CA 91724

COORDINATES

Latitude (North):	34.0706530 - 34˚ 4' 14.35''
Longitude (West):	117.8613050 - 117˚ 51' 40.69''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	420523.3
UTM Y (Meters):	3770130.0
Elevation:	597 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619080 SAN DIMAS, CA
Version Date:	2012
West Map:	5619056 BALDWIN PARK, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515, 20140513, 20140527
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1034 PARK VIEW DRIVE
COVINA, CA 91724

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1		969 S VILLAGE OAKS D	EDR Hist Cleaner	Higher	642, 0.122, NW
A2	DATA LINE SERVICE CO	885 S VILLAGE OAKS D	SWEEPS UST, LOS ANGELES CO. HMS	Higher	930, 0.176, NNW
A3	FI SERV FRESNO, INC	885 S VILLAGE OAKS D	UST, LOS ANGELES CO. HMS	Higher	930, 0.176, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROL---------- Sites with Institutional Controls

Federal ERNS list

ERNS---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE---------- State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR---------- EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF---------- Solid Waste Information System

State and tribal leaking storage tank lists

LUST---------- Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST---------- Leaking Underground Storage Tanks on Indian Land
SLIC---------- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST---------- Underground Storage Tank Listing
AST---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP---------- Voluntary Cleanup Priority Listing
VCP---------- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT---------- Waste Management Unit Database
SWRCY---------- Recycler Database
HAULERS---------- Registered Waste Tire Haulers Listing
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI---------- Open Dump Inventory
IHS OPEN DUMPS---------- Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN	San Gabriel Valley Areas of Concern
US HIST CDL	Delisted National Clandestine Laboratory Register
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST	Hazardous Substance Storage Container Database
CA FID UST	Facility Inventory Database

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database

HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
HIST CORTESE	Hazardous Waste & Substance Site List
LOS ANGELES CO. HMS	HMS: Street Number List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
ICE	ICE
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
ABANDONED MINES	Abandoned Mines

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historic Gas Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FI SERV FRESNO, INC	***885 S VILLAGE OAKS D***	***NNW 1/8 - 1/4 (0.176 mi.)***	***A3***	***8***
Database: UST, Date of Government Version: 09/12/2016				
Facility Id: 22364				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DATA LINE SERVICE CO	***885 S VILLAGE OAKS D***	***NNW 1/8 - 1/4 (0.176 mi.)***	***A2***	***8***
Status: A				
Tank Status: A				
Comp Number: 14425				

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

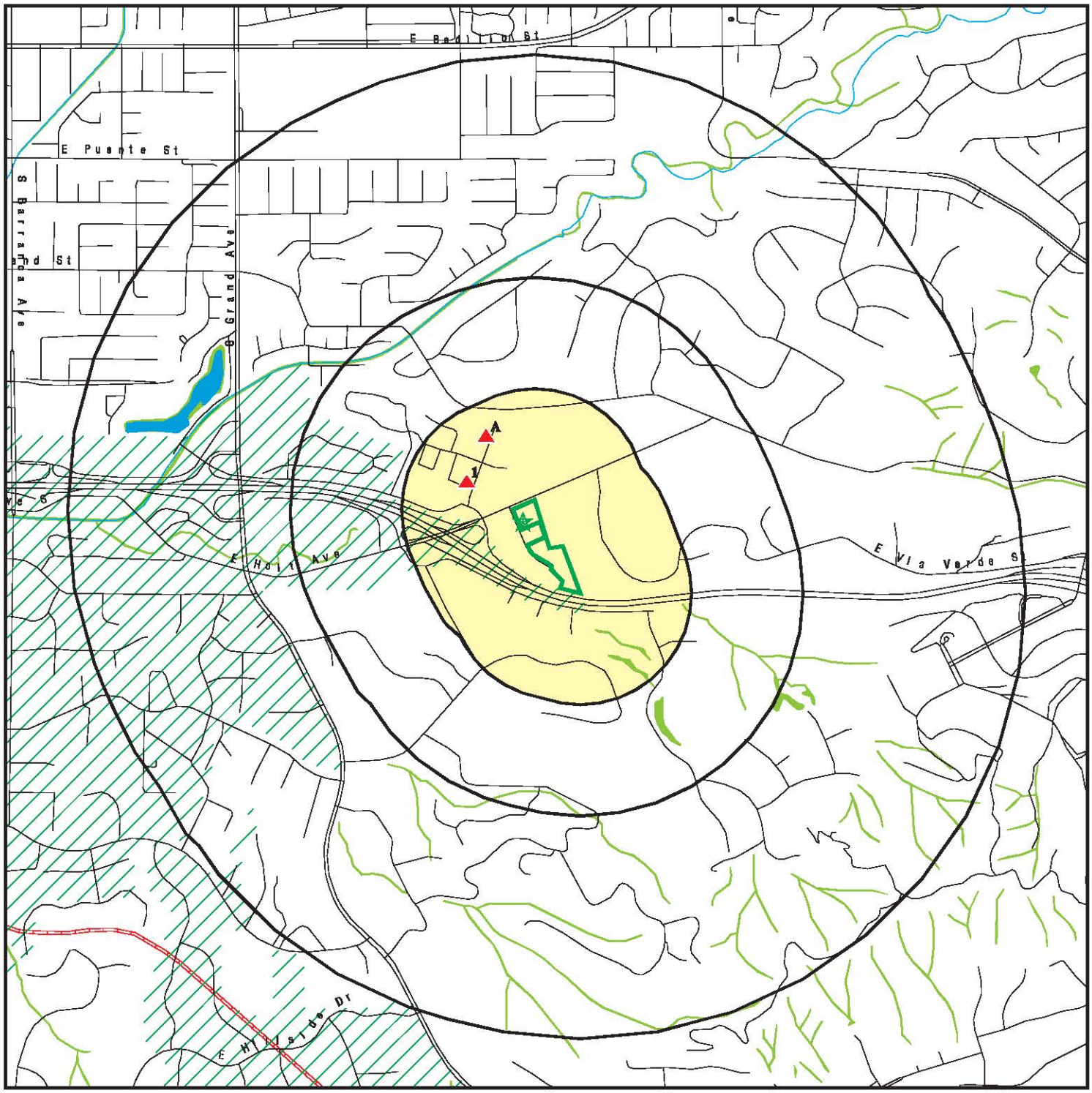
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	969 S VILLAGE OAKS D	NW 0 - 1/8 (0.122 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
	CDL

OVERVIEW MAP - 4787451.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Vacant Land	CLIENT: Alta Environmental
ADDRESS: 1034 Park View Drive Covina CA 91724	CONTACT: Eric Fraske
LAT/LONG: 34.070653 / 117.861305	INQUIRY #: 4787451.2s DATE: November 21, 2016 7:29 pm

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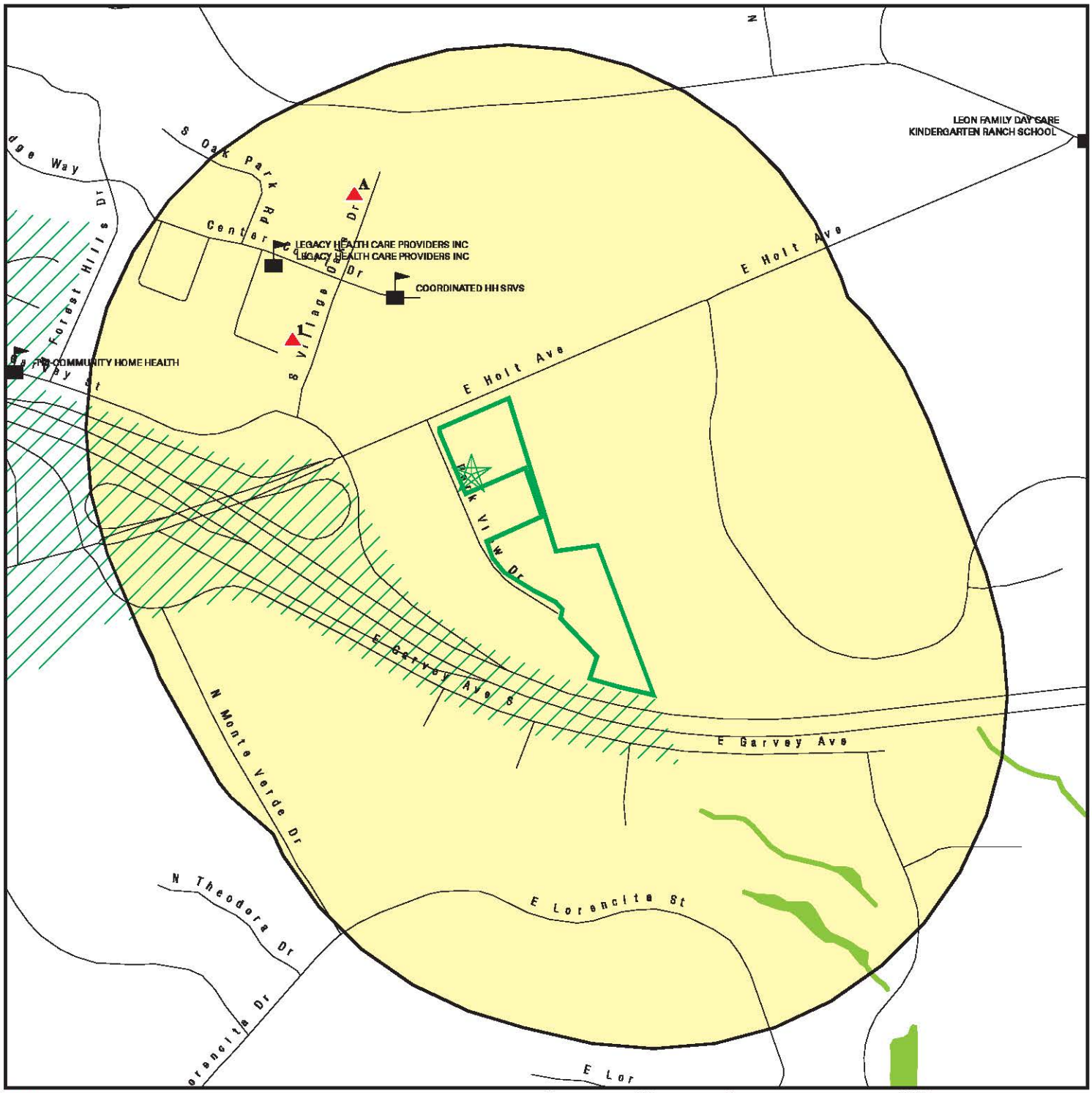
DETAIL MAP - 4787451.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Vacant Land	CLIENT: Alta Environmental
ADDRESS: 1034 Park View Drive Covina CA 91724	CONTACT: Eric Fraske
LAT/LONG: 34.070653 / 117.861305	INQUIRY #: 4787451.2s DATE: November 21, 2016 7:30 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST CORTESE	0.500		0	0	0	NR	NR	0
LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	1	2	0	0	0	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
NW
< 1/8
0.122 mi.
642 ft.

969 S VILLAGE OAKS DR
COVINA, CA 91724

EDR Hist Cleaner **1015109037**
N/A

Relative:
Higher

Actual:
618 ft.

EDR Historical Cleaners:
Name: INSIDE TRACK CLEANING
Year: 2002
Address: 969 S VILLAGE OAKS DR

A2
NNW
1/8-1/4
0.176 mi.
930 ft.

DATA LINE SERVICE CO
885 S VILLAGE OAKS DR
COVINA, CA 91724

SWEEPS UST **S102057041**
LOS ANGELES CO. HMS **N/A**

Site 1 of 2 in cluster A

Relative:
Higher

Actual:
621 ft.

SWEEPS UST:
Status: Active
Comp Number: 14425
Number: 9
Board Of Equalization: 44-010420
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014425-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 013953-014425
Facility Type: 0
Facility Status: Closed
Area: 6B
Permit Number: 00005712T
Permit Status: Closed

A3
NNW
1/8-1/4
0.176 mi.
930 ft.

FI SERV FRESNO, INC
885 S VILLAGE OAKS DR
COVINA, CA 91724

UST **U003777461**
LOS ANGELES CO. HMS **N/A**

Site 2 of 2 in cluster A

Relative:
Higher

Actual:
621 ft.

UST:
Facility ID: 22364
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.0748725
Longitude: -117.8614567

FI SERV FRESNO, INC (Continued) **U003777461**

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 013953-022364
Facility Type: 0
Facility Status: Closed
Area: 6B
Permit Number: 000124011
Permit Status: Closed

Region: LA
Permit Category: T
Facility Id: 013953-043725
Facility Type: 0
Facility Status: Removed
Area: 6B
Permit Number: 000544600
Permit Status: Removed

APPENDIX H

Hydrology and Hydraulics Report

VCA ENGINEERS, INC.
CIVIL ■ STRUCTURAL
MBE ■ DBE ■ SBE
QUALITY SERVICE COMMITMENT

SITE HYDROLOGY AND HYDRAULICS REPORT

FOR

KAISER PERMANENTE COVINA

Tract Map No. 42505
M.B. 65-67 Lots 8-10
Park View Drive, Covina, CA 91724

September 25, 2019

Prepared For:
FRANK WEBB ARCHITECTS
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Frank Webb Architects
8607 Venice Boulevard
Los Angeles, California 90034

Subject: MEDICAL OFFICE BUILDING – KAISER PERMANENTE
Tract Map No. 42505 M.B. 65-67 Lots 8-10
Park View Drive, Covina, California

To Whom It May Concern,

We are pleased to submit this letter report regarding the Hydrology and Hydraulics Report for the proposed Kaiser Permanente Medical Office Building.

This report is comprised of three sections:

- **Narrative Report and Results**
  This includes Introduction and Scope, Project Site Hydrology, Project Site Hydraulics, Stormwater Mitigation, Best Management Practices, and Project Conclusions and Recommendations

- **Calculations**
  This includes modeling and calculation results of the hydrology and hydraulics analysis and BMP calculations and sizing.

- **Appendix**
  This includes rainfall information, utility plans, operation and maintenance guidelines for BMPs used in this project.

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1.0 INTRODUCTION

1.1 SCOPE

This Hydrology and Hydraulics Report summarizes the stormwater management for the Kaiser Permanente Medical Office Building Project.

This Report calculates the stormwater runoff generated by the site, the conveyance and discharge system of the runoff, and the stormwater mitigation system using approved Best Management Practices.

1.2 STANDARDS

The standards below used in the design of the site's stormwater management:

1. LA County Department of Public Works Hydrology Manual (2006)
2. County of Los Angeles Department of Public Works Low Impact Development Standards Manual (February 2014)

2.0 SITE DESCRIPTION

2.1 PROJECT LOCATION

Kaiser Permanente Medical Office Building project is located at Tract Map No. 42505 M.B. 65-67 Lots 8-10 Covina, C.A. 91724. The project predevelopment is approximately 3.42 acres, and is located in the jurisdiction of the City of Covina and the Country of Los Angeles. The nearest addresses to the site are 1123 & 1161 Park View Drive, Covina 91724. The site is bounded by a commercial building ,on the north for Weickert Allison Jeter Co, on the west by Continental Business Services, on the south west of the site, by the 10 Freeway westbound on the south side, and on the eastbound, four private homes. Its approximate coordinates is Longitude: 117°51’36.73”W and Latitude: 34°4’10.59”N according to the platform Google Earth, 2018.

The site in relation to local topographic features as shown on Figure 1.

Figure 1: Aerial View of existing site's project. (Google Earth, 2018)

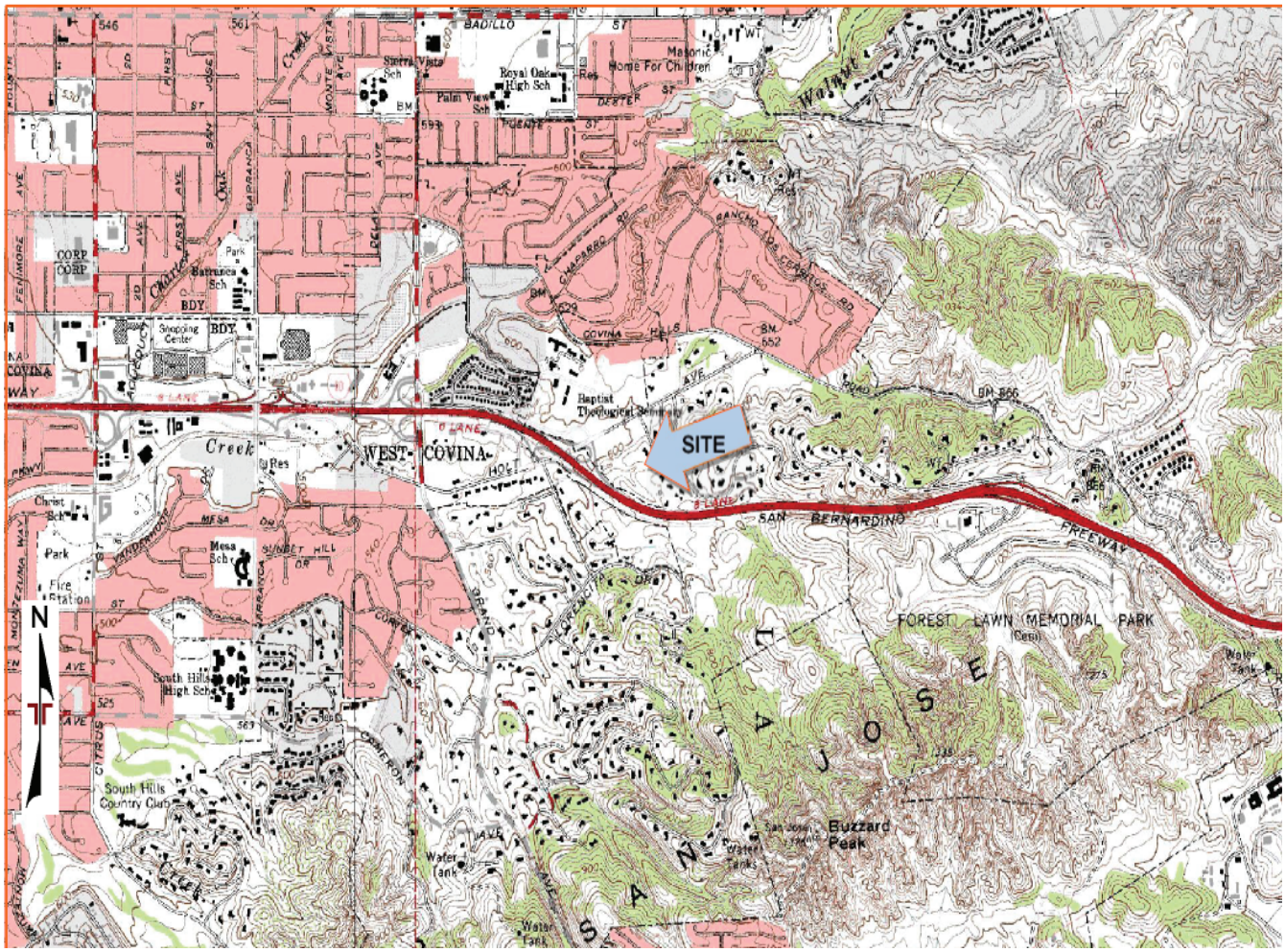


Figure 2: Site Vicinity Map (Topographic map image courtesy of the U.S. Geological Survey: Baldwin Park, CA (1/1/1981) and San Dimas, CA (1/1/1981))

2.2 EXISTING SITE CONDITIONS AND STORM DRAINAGE SYSTEM

2.2.1 EXISTING SITE IMPROVEMENTS

The proposed project is a Kaiser Medical Office Building (MOB) with parking structure. There are three different schemes for the MOB and parking designs. The first scheme, B1, has an area of 60,000 SF for the MOB and 87,000 SF for the parking structure. The combined for scheme B1 is 147,000 SF. Scheme C1 has a MOB area of 60,000 with an additional 14,000 SF going to future additions, total area is 74,000 SF for the building and 118,000 SF for the parking structure (see figure 3). The site does not have any stormwater infrastructure due to this is an undeveloped area. The only existing inlets are within the public right of way on Park View Drive Street. Per survey, it was found a 18" line that increases to a 24" line once it reaches the seconds storm drain (located in Lot 10), and then increases again to a 27" line to be released on the public storm drain line. The storm drain line is 20.1 feet south of the centerline on Park View Dr. and 19.9 feet north of the centerline.

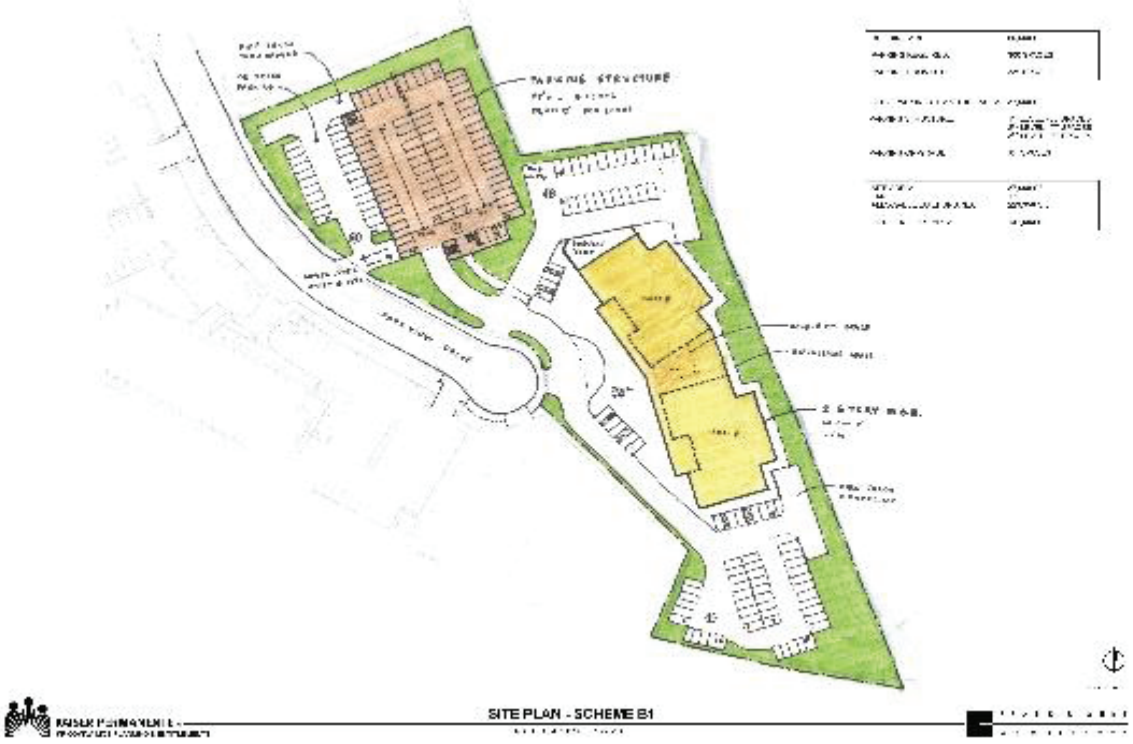


Figure 3: Scheme B1.

2.2.2 EXISTING DRAINAGE PATTERN

The superficial slope runoff discharged in the public storm drain main line. With 100 percentage of previous area (undeveloped area), the vegetation helps to drain a considerable percentage into the groundwater and stop the erosion on this area. In order of to avoid slope instability and erosion, is recommendable to regrade the area, and the replanting of trees, native grasses, and native plants, follow by the Low Impact Development (LID) standards. (See Appendix H for utility survey plan). The runoff volume generated on this 100 percent pervious area on a design storm frequency 25 years is 24,949.31 cu-ft. The existing three inlets are located on the public right away, one will be removed. Each inlet it is approximately 1.8' by 11.30' with an additional surface opening of 2.17' x 6.81'. Each Inlet is capturing approximately 3.22 cfs of clear peak flow volume. (See Calculations E and Appendix H for survey plan)

2.3 GEOLOGICAL CONDITIONS

2.3.1 GEOTECHNICAL REPORT

According to the Geotechnical report entitled "Geotechnical Investigation Report for the Proposed Medical Office Building in Covina" prepared by Terracon Consultants, Inc. dated March 13,2017, presents information and recommendations, that are relevant to the hydrology and hydraulics of this project site. The field data obtained indicates that the subsurface conditions consist of fill overlying native older alluvium over siltstone bedrock. The bedrock layer was encountered at depths between 5 and 20 feet. Groundwater was encountered at 39 ft, and medium dense Sandy silty soils, knowing that, natural infiltration (biofiltration) on of the entire site on post development is technically infeasible to retain the 100 percent of the SWQDv on site (according to LID standards).

2.3.2 SOIL TYPE

Surface data indicate that the site subsurface conditions consist of fill overlying native older alluvium over siltstone bedrock. Current ground cover, described as earthen and lightly vegetated, underlying the fill (24 inches approximately) will be completely removed from all structure and pavement areas.

Undocumented fill soils, approximate tick up to 12 feet to bottom of stratum, were encountered in all borings. Primarily consisting on sandy silt or silty sand, with a medium dense density. Follow by a depth of 6 to 33 feet of medium dense to dense sandy silt stratum. Bellow a dense bedrock layer of 26 to 51 feet depth. Undocumented fill was encountered in all borings at depths

between approximately 2-1/2 and 12 feet bgs. Undocumented fill may exist in other localized areas. Classification obtained through LA county Hydrology Map soils 2004, it is 002 Clay Loam. See Appendix E.

2.3.3 GROUNDWATER LEVEL

Groundwater was encountered on one of the borings (Boring 3) at 43 feet below ground surface, after drilling at 39 feet deep on 30 minutes reading. It was no observed groundwater in the remaining borings while drilling on the project's site. Groundwater occurred as seepage in a sandy interval within the Puente Formation and was not encountered at similar depth in other borings. Level fluctuations occur due to seasonal variations in the amount of rainfall, runoff and other meteorological factors, and its possibility should be considered on the design and construction of this project.

2.3.4 LIQUEFACTION

The site is not within an area identified as having a potential for liquefaction, according to the California Geological Survey (1999).

The geotechnical report's calculations indicated that there is no liquefaction potential for this site, due the geological features encounter (bedrock and the depth of the groundwater). Seismic settlement is negligible.

2.3.5 SEISMIC DESIGN

The seismic design requirements for building and other structure are based on Seismic Design category. The soil profile determinate from exploration indicates the falls on a site Class "D", stiff soil condition. According to the "2016 California Building Code" (CBC) seismic design parameters are show in the geotechnical investigation report of this project.

2.3.5 LANDSLIDES

The existing topography it is an open area with slopes along parcel boundaries. These slopes are formed in cut and fill, appear grossly stable by inspection. Superficial slope instability typically affects the upper 3 to 5 feet of the subsurface profile, predominantly during extended wet periods. Drainage improvements should be design to direct surface flows away from the face of slopes, convey flows in a controlled manner.

2.3.6 PERCOLATION RATE

Eight test Borings (Borings B-1 through B-8) were drilled to depths ranging from 26-1/2 feet to 51-1/2 feet below. Percolation test it was not performed on this report.

For design proposes, a general data was used for sandy and silty soils 0.4-0.8 inches per hour (Hillel,1982) to determinate the feasibility of infiltration on assigned areas (landscape and permeable asphalt concrete).

2.3.7 DRAINAGE / INFILTRATION

All grades must provide effective drainage to direct the run-off away from the building, during and after the construction, and during the life of the structure should them being maintained. Exposed ground should be sloped and maintained at a minimum 3 percent away from the building for at least 10 feet beyond the perimeter of the building.

New structures should have gutters/drains with downspouts that discharge onto catch basins at a distance mentioned. Foundations of the new buildings should have impermeable bottoms.

The infiltration rate according to the soils report is 0.3inches per hour (See Appendix E) which limited infiltration.

Water infiltration near the building could result in an unacceptable differential floor slap and/or foundation movements, cracked slabs, walls, and roof leaks. Structure's maintenance program, should periodically inspected grades and adjust as necessary. Any flatwork abuts the structure should effectively seal and maintain joints to prevent surface water infiltrations.

In addition, it is recommended, to conduct pressure testing of utility lines prior to backfilling to detect and eliminate leaks due to poor workmanship or material defects.

2.4 PROPOSED STORM DRAINAGE SYSTEM

2.4.1 DEVELOPMENT AREA

For the proposed site, 75% or 2.56 acres is impervious. The rest is pervious. A comparison of existing conditions and proposed conditions are presented in Table 1. See calculations E for complete analysis.

Table 1 - Proposed Site Pervious and Impervious Areas

Site Condition	Pervious Area (acres)	Impervious Area (acres)	% Pervious	% Impervious
Existing	3.42	0	100	0
Proposed	0.86	2.56	25	75

2.4.2 PROPOSED RUNOFF CONVEYANCE AND DISCHARGE SYSTEM

Grading will be designed to facilitate staking and construction, plane grades shall be uniform to avoid warped surfaces and grade changes minimized. All areas will be graded for drainage. Walks, stairways, ramps, and other surfaces will slope away from buildings. Planes shall be sloped for drainage, typically between 1% and 1.8%, with 1.5% considered optimum. Entrance walks and ramps will not be designed to maximum allowable slope requirements, to minimize potential non-compliant as built conditions. If the space allows, slopes will be reduced as much as possible, or grading will be designed to avoid the need for ramps. Door landings, pedestrian paths, and similar areas will be graded between 0.5% to 1.8% maximum slopes. Asphalt paving flow lines will be 1% minimum to accommodate construction tolerances. If less, concrete gutter will be used with a flow line minimum slope of 0.5% to accommodate construction tolerances.

Flow generated from impervious areas will be directed onto trench and catch basin units on road and garden areas. Roof downspouts will be hard connected to the underground storm drain network. Flow lines will be located to avoid concentration on pedestrian walks. Flow lines will be located to avoid tree wells and other objects that might obstruct drainage flow and cause ponding. Drainage from planting areas across paved areas will be avoided. Drainage over public sidewalks will be avoided; instead, the runoff will be filtered and released to a proposed connection to curb inlet that will release to the public street. Calculations that show that the public storm drain utilities can bear the proposed project storm drain. Concentrated flow over driveways and pedestrian walkways will be avoided.

Rainwater from roof of the proposed parking building will be designed be hard connected to the storm drain network, the pipes were designed with the criteria of 25 years storm event. Also will be considered to increment the capacity of the pipes to be capable to transport the 85th of its adjacent catchment areas (catchment 24 example) and its own peak flow rate. These to make sure to retain the most possible 85th percentile runoff generated in the new project site development.

Catchments 20-29 tributary areas runoff will be capture by a lower catch basin inlet that will be filtered and join by a manhole with the pipes that contains the over flow coming from the system.

The existing site conveys stormwater through surface flow and several underground piping networks. Some of the site's tributary areas directly enter the site's storm drain system via drainage inlets. Areas designed for landscape areas with sub-drains (French drains) which connect to the main on-site system. The system is designed to capture the entire 85th percentile of the site, it will filtered through CDS unit and released to a cistern (Harvest and Reuse, LID LA

county) for later to be used in irrigating the landscape. These BMPs include underground concrete infiltration galleries, continuous deflective separation (CDS) units, filters installed in catch basins and planters. The proposed storm drain system and BMPs are further explained in detail in following section for each design concept. (See Appendix A for utilities proposed plans)

3.0 SITE HYDROLOGY

3.1 HYDROLOGY DATA

3.1.1 ISOHYETAL MAP

The hydrology data and design criteria described in this section were used in the calculations. They were obtained from the LA County Department of Public Works (LACDPW) Hydrology Map (Refer to Figure 4).

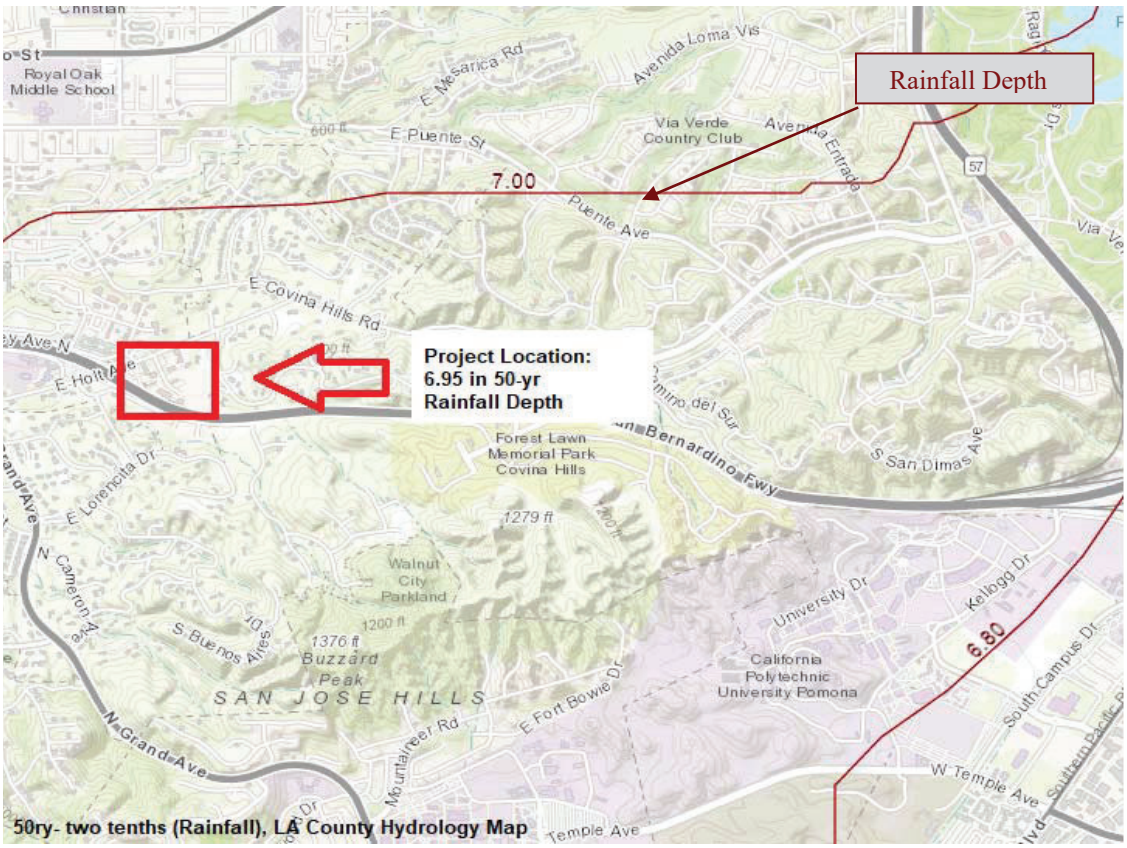


Figure 4: Hydrology Map

3.1.2 DESIGN FREQUENCY

Drainage design calculations are based on the frequency 25-year storm event with a multiplication factor of 0.878 as required by the L.A. City Bureau of Engineering. Data obtained in the *Hydrology Manual, Los Angeles County Department of Public Works* and using the online *LA County Hydrology Map.*

3.1.3 RAINFALL DEPTH

Based on the Isohyetal Map, the rainfall for the project site is 6.95 inches for a 50-year, 24-hour storm event and multiplying for the 25 years storm event factor 0.878 the result is 6.10 inches for a 25-year, 24-hour storm event.(see Appendix B for hydrology calculations)

3.1.4 SOIL TYPE

The Isohyetal Map indicates a numerical soil classification of 002 (Clay-Loam) for the site. This approximates the soil classification provided by the Geotechnical Report, which was discussed in Section 2.3. (Refer to Figure 5).

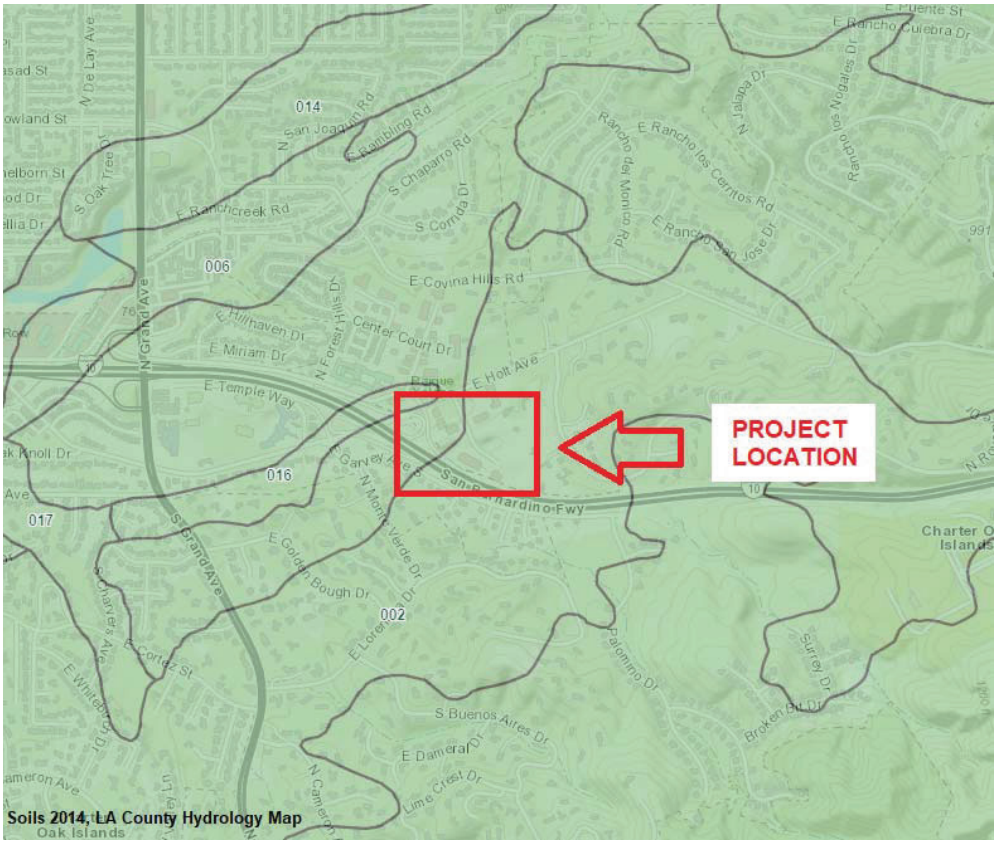


Figure 5: Soils 2004

3.2 STORMWATER DISCHARGE FOR THE EXISTING SITE

The storm water runoff currently generated by the pre-development site was calculated using the software HydroCalc provided by the LA County Department of Public Works. The existing site drainage is discharge into 3 curb open catch basins. Using the criteria of a design of 25 years storm event, each unit allows 3.22 cfs to enter into the public system (each of them has larger capacity of approx. 5 cfs). According to a survey of existing conditions, one of these units, it is under poor conditions; its removal will be recommended. See Calculation E for analysis and Appendix H for survey plan.

3.3.2. RUNOFF FLOW AND VOLUME

Based on a 25-year 24-hour storm event, the proposed site will generated a total of 50,660.39 cubic feet of stormwater runoff at a peak flow rate of 9.80 cfs. See Calculations B for analysis.

3.3.3. TRIBUTARY AREAS

Tributary areas divided into 29 catchment areas, based on uniformity in drainage conditions for the new development. See Calculation A.

4.0 PROJECT SITE HYDRAULICS

4.1 BASIS OF DESIGN

The analysis of the hydraulic characteristic of the storm drain system is performed using HydroCalc softwater. Manning's Equation was used to determine the velocity and flow capacities. To determinate the depth (in) of a 25 year storm event, table 3 was obtained using the Hydrology Manual by the Los Angeles County and also LA County Hydrology Map described on this report (3.1.1 Isohyetal map) to obtain the final 85th percentile.

Chapter 5 - Rainfall and Design Storm Characteristics

Frequency	Multiplication Factor
2-yr	0.387
5-yr	0.584
10-yr	0.714
25-yr	0.878
50-yr	1.000
100-yr	1.122
500-yr	1.402

Rainfall Frequency Multiplication Factors

← Factor used

Figure 4: Rainfall Frequency Multiplication Factors, page 43 Hydrology Manual LA County.

4.2 STORMWATER DISCHARGE FOR THE PROPOSED PROJECT

A criteria of 25 years storm event was used to calculated the volume of the pre-existing conditions of the site. Using the HydroCalcs calculator, was obtained that the site generates 24,949.32 cu-ft (8.8362 cfs) that runs into the 3 existing open curb drains on the public right away. The new project storm drain design with 75 percent impervious area generates a volume of 50,660.39 cu-ft (9.80 cfs) ,using the same design criteria. The proposed new development has being design to capture and reuse the storm water coming from the onsite storm drain system. 85th percentile criteria was used to calculate the capacity of the cistern and the two treatment CDS units. Using the criteria mentioned above, 8,717.69 cu-feet (total site stormwater 85th percentile, 0.86 cfs) will be collected in the proposed LID system and treated on the BMP units, to being used within 96 hours to the landscape areas. Overflow, runoff from inlets (from 20 to 29 tributary areas approximately 8.94 cfs (25 year storm event), will be discharge. into a proposed catch basin outlet (24" x 24") located on the west side of the property. Park View drive (0.83 cfs) will be add to the runoff discharged by the site. In total 9.77 cfs will be drain and collected by two of the existing curb catch basin (capacity of each is 4.89 cfs). Calculations E shows the discharge analysis.

4.3 PROPOSED HYDRAULICS SYSTEM

Stormwater is conveyed using an underground pipe network, which collects surface stormwater through catch basins. Stormwater from the building roofs will be connected directly via hard pipe into the storm drain system.

The stormwater system is divided in three sections, which two will enter into 2 CDS unit, which captures pollutants such as debris, sediment and oil. After passed through the stormwater filters,

the stormwater collected enters into a harvest and reuse system that holds stormwater and for a period of 96 hours, avoiding the reproduction of vectors. The stormwater captured will be pumped into a network of irrigation to reuse in the project landscape. The criteria used to design the capacity of the BMP CDS units is the 85th percentile. Each CDS unit has 2 outlets pipes. One, that was sized with the 85th percentile, discharge into the Harvest and Use System. The second outlet pipe will direct the overflow that super pass the 85th percentile into the outlet catch basin located on the west side(a criteria of 25 years storm event was used to size the second outlet pipe). This flow is capture and released slowly to the city driveway that it is collected for the city 2 open storm drain units. The size of the outlets were design with the same criteria, capturing the 25 year storm event of each tributary area that they are planned to be placed according to the proposed grading. The parkway drain pipe direct overflow stormwater onto Park View Dr. that connects to E Holt Ave. See Appendix A for plans.

4.4 CARRIER PIPE DESIGN

The proposed drainage lines were sized to a 25-year, 24-hour storm frequency with aid of the Pipe sizing spreadsheet in Calculation C. The design is based on PVC SCH 40 pipes. The preliminary pipe design was based on a Manning's roughness coefficient of 0.009, minimum slope of 0.50%, and flowing 75% full to be conservative. Calculations C includes a plan map of the utilities (See also Appendix A for utility plans).

4.5 CATCH BASIN DESIGN

The catch basin and trench drain sizing was designed using the spreadsheet shown in Calculations D. The calculations are based on the peak flow (25 year, 24 hour storm event) draining into each inlet, as obtained from the HydroCal software.
Analysis of the capacity for the proposed discharge into the existing curb storm drain is shows on Calculations D as well.

5.0 STORMWATER MITIGATION

5.1 LOW IMPACT DEVELOPMENT (LID) PLAN

Low Impact Development (LID) is a stormwater management strategy that mitigates the impacts of runoff and stormwater pollution using BMPs that remove or treat runoff pollution at the source. LID practices are designed to protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by controlling rainfall and stormwater runoff at or close to the source. LID is implemented in the following hierarchy:

1. Infiltration and/or Bioretention
2. Stormwater Runoff Harvest and Use
3. High-efficiency Bio-Filtration/Retention System, evapotranspiration BMP
4. Combination of above

The Stormwater Quality Design Volume is calculated from the 85th percentile, 24-hour rain event as determined from the Los Angeles County 85th percentile precipitation isohyetal map.

5.1.1 infiltration and/or Bioretention

During the geotechnical investigation of this project site, bedrock was encountered between 5 and 20 feet at boring locations (See Appendix E for soil report) . Therefore, infiltration was deemed infeasible at this project site.

5.1.2 Harvest and Use

Harvest and Use system for this site was determined to be feasible because the estimated total water use (ETWU) on a 7-month period for the landscape area is larger than the design capture volume. (See Calculations F for analysis).

5.1.3 Bio-Filtration/Retention System, evapotranspiration BMP

Proposed grading at this site and bedrock encountered between 5-20 feet make unfeasible to use this system.

6.0 BEST MANAGEMENT PRACTICES AND LID

6.1 HARVEST AND REUSE SYSTEM DESIGN

The proposed system it was designed according to the conditions for new developments by the city of Covina, capture the entire 85th percentile generated by the new Kaiser Permanente Covina project.

The system, conformed for 4 cisterns with a diameter of 120-inch with different longs. 2 will be 40 feet long, and the other 2 with 21’ and 22’ feet long respectively. The capacity of these cisterns altogether is 65212.85 gallons (8,717.69 cu-feet on a 85th Percentile rainfall event) that will be storage and internally pumped by a submersible pump to the irrigation system to be use for the landscape areas of the site. The drawdown time of the stormwater storage, will be less than 96 hours to be used properly on the designed landscape areas. The calculations and details are show in Calculations F.

6.2 DRAINAGE INLET FILTERS

The project has designated 16 catch basin (CB) 12"X 12", 4 overflow outlets with grid opening at the top, 3 trench drain (TD),the protection of existing (EXIST 1 and 2) 2 curb drains and hard connected downspouts from the proposed building's roof. All catch basins, trench drains and downspouts will have a debris catch with sediment filter bag. 14 CB filters and downspouts direct the stormwater runoff to filtration media (CDS unit), which will capture solid waste particles and other pollutants from entering the storm drain network follow by the harvest and use system. The filters are designed to treat the flow from the 25 years storm event. Additionally, all storm drain inlets will have stencils marked "NO DUMPING – DRAINS TO OCEAN" with a graphical icon to discourage illegal dumping. (See Calculations D for analysis)

6.3 CONTINOUS DEFLECTIVE SEPARATION (CDS)

The Contech CDS system is a mechanical device, which uses continuous deflective separation to screen, separate and trap pollutants in stormwater runoff. The CDS unit is placed near the end of the site stormwater network so that the stormwater runoff from the project site goes through the CDS. The CDS 2015-4-C has a treatment capacity of 0.70 CFS and a maximum hydraulic internal bypass of 10.0 CFS (283.170 L/s). Each (2) CDS unit will filter, with a design criteria of 85th percentile (See calculations B), 0.62 cfs and 0.51 cfs respectively. For plans and detail, see Appendix D. Only the 85th percentile will be discharge in the Harvest and Use system.
Over flow will be deflected, through the storm drain pipes designed for a 25 year storm event, by a weir wall to the catch basin outles located on the west side of this project.

6.4 OPERATION AND MAINTENANCE

The Operation and Maintenance (O&M) Plan for the site's BMPs is included in Appendix B.

7.0 PROJECT CONCLUSIONS AND RECOMMENDATIONS

After reviewing the results of the hydrology study, VCA Engineers concludes and recommends that:

1. The proposed storm drain system will be designed to convey the peak flow due to a 25-year, 24- hour rainfall event.
2. LID compliance will be attained by treating all stormwater runoff (85th pecertile Criteria) before it is discharge. Runoff will be treated through a CDS unit.
3. Overflow will be treated before to be discharged in the public storm drain system.

CALCULATIONS A

TRIBUTARY AREAS MAP

TRIBUTARY AREAS CALCULATION

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
Tel: 323-729-6098 ▪ **Fax:** 323-729-6043
e-mail: vca@vcaeng.com

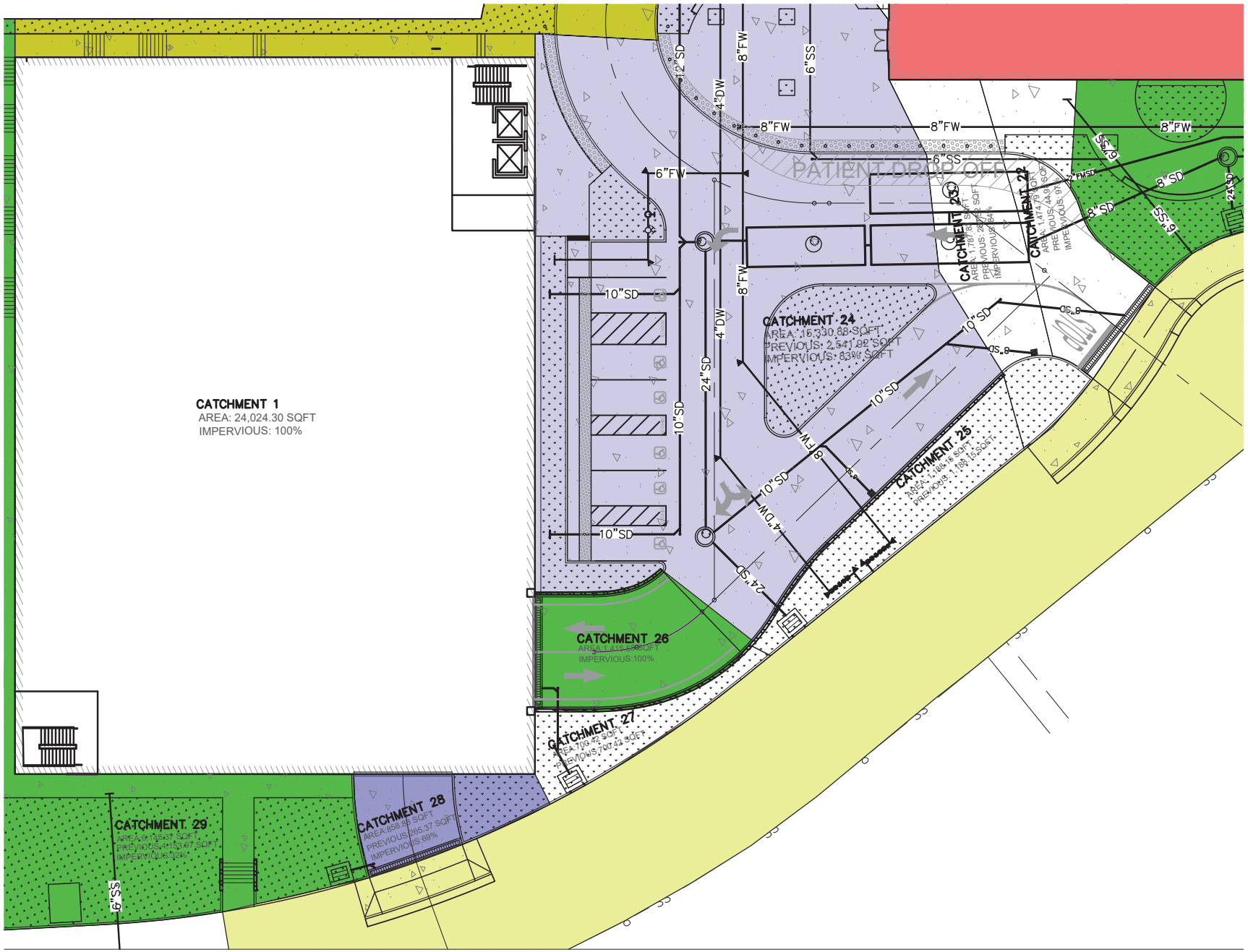
Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com

VCA Engineers, Inc. **Subarea Information**

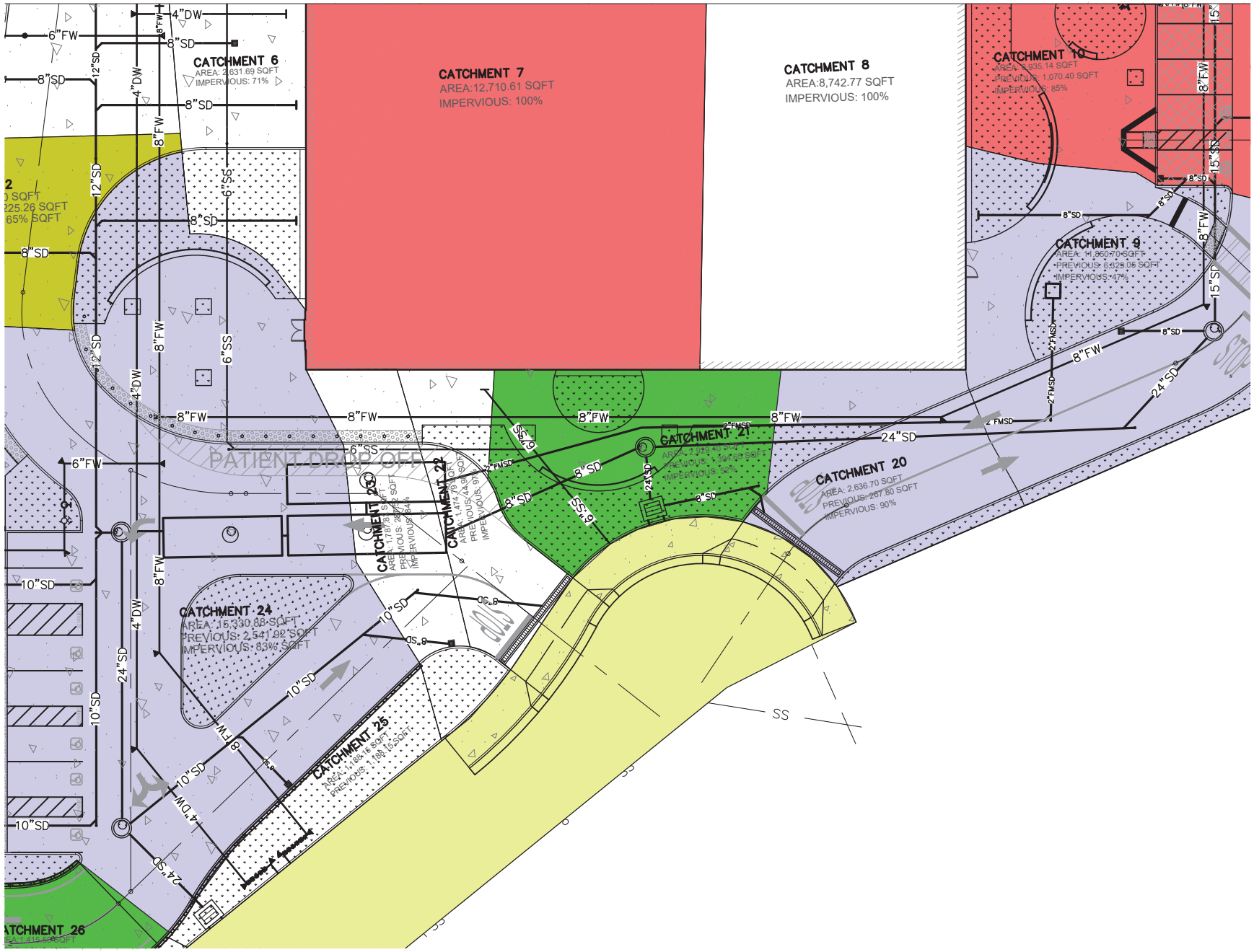
Client: Kaiser Permanente Job No. 2069-219
Project: Kaiser Permanente Covina Date: 9/12/2019
Engineer: VCA

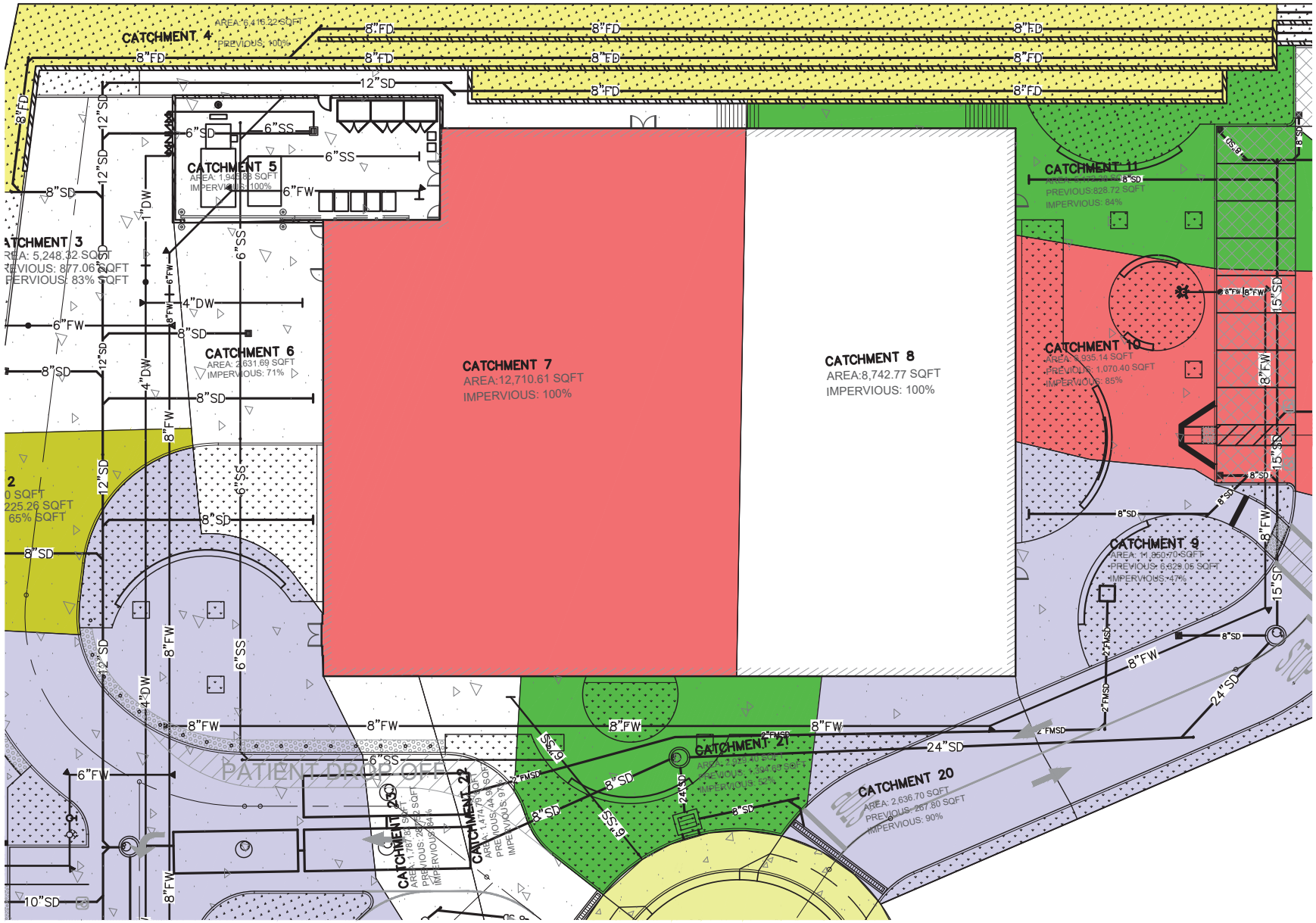
COVINA

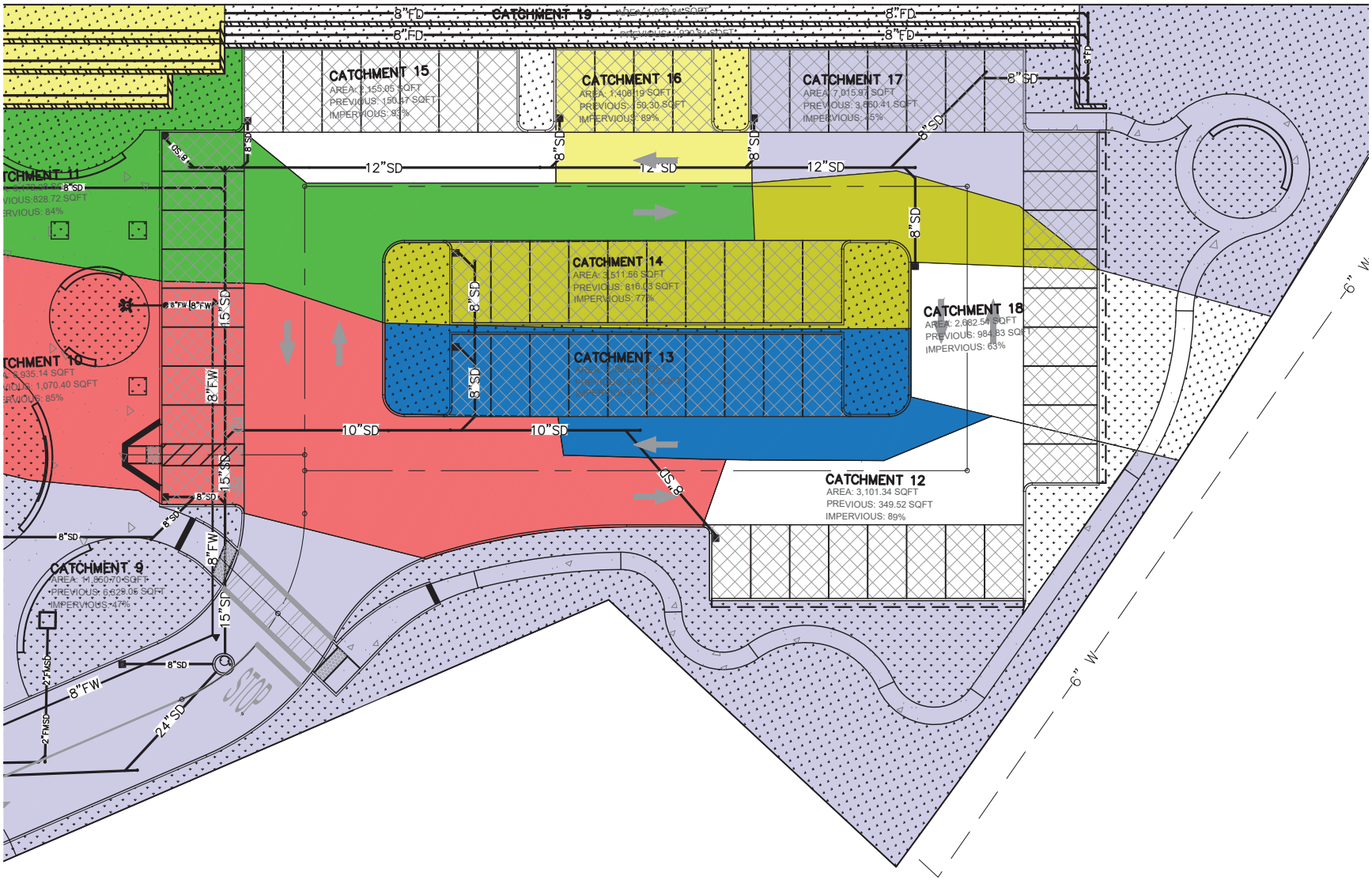
Subarea	Area (sf)	Area (acre)	Flow Path Length (ft)	Slope	Pervious area (sf)	Impervious area (sf)	% Impervious
1	24,024.30	0.55	129.28	9.20%	0.00	24,024.30	1.00
2	3,532.60	0.08	138.70	6.30%	1,225.26	2,307.34	0.65
3	5,248.32	0.12	198.90	1.50%	877.06	4,371.26	0.83
4	6,416.23	0.15	298.78	3.20%	6,416.23	0.00	0.01
5	1,945.88	0.04	35.87	0.60%	0.00	1,945.88	1.00
6	2,631.69	0.06	68.94	0.50%	751.63	1,880.05	0.71
7	12,710.61	0.29	100.85	2.00%	0.00	12,710.61	1.00
8	8,742.77	0.20	66.15	2.00%	0.00	8,742.77	1.00
9	11,850.70	0.27	191.71	4.00%	6,329.05	5,521.65	0.47
10	6,935.14	0.16	126.12	3.80%	1,070.40	5,864.74	0.85
11	5,172.38	0.12	133.30	3.30%	828.72	4,343.66	0.84
12	3,101.34	0.07	97.49	4.90%	349.52	2,751.81	0.89
13	3,380.96	0.08	121.77	3.70%	870.41	2,510.55	0.74
14	3,511.56	0.08	142.34	3.50%	816.03	2,695.53	0.77
15	2,155.05	0.05	70.94	3.50%	150.47	2,004.58	0.93
16	1,406.19	0.03	45.35	3.40%	150.30	1,255.89	0.89
17	7,015.97	0.16	133.95	9.80%	3,860.41	3,155.56	0.45
18	2,682.54	0.06	81.56	13.00%	984.83	1,697.71	0.63
19	1,960.04	0.04	195.22	1.10%	1,960.04	0.00	0.01
20	2,635.61	0.06	58.25	4.50%	267.80	2,367.80	0.90
21	2,929.40	0.07	50.61	2.60%	1,394.65	1,534.75	0.52
22	1,474.79	0.03	71.18	5.40%	44.98	1,429.81	0.97
23	1,787.82	0.04	70.96	4.50%	287.52	1,500.30	0.84
24	15,330.88	0.35	127.84	0.10%	2,541.92	12,788.96	0.83
25	1,188.15	0.03	79.54	6.40%	1,188.15	0.00	0.01
26	1,415.58	0.03	52.82	4.60%	0.00	1,415.58	1.00
27	700.42	0.02	55.16	7.60%	700.42	0.00	0.01
28	858.83	0.02	35.62	1.70%	265.37	593.46	0.69
29	6,148.37	0.14	280.16	1.70%	4,153.97	1,994.39	0.32
TOTAL	**148,894.11**	**3.42**			**37,485.16**	**111,408.95**	**75**



CATCHMENT 1
AREA: 24,024.30 SQFT
IMPERVIOUS: 100%
CATCHMENT 24
AREA: 15,330.88 SQFT
PREVIOUS: 2,541.92 SQFT
IMPERVIOUS: 83% SQFT
CATCHMENT 25
CATCHMENT 26
IMPERVIOUS:100%
CATCHMENT 27
CATCHMENT 28
CATCHMENT 29
PATIENT DROP OFF
8"FW
6"SS
6"FW
10"SD
24"SD
4"DW
12"SD
8"SD


CATCHMENT 6
AREA: 2,631.69 SQFT
IMPERVIOUS: 71%
CATCHMENT 7
AREA:12,710.61 SQFT
IMPERVIOUS: 100%
CATCHMENT 8
AREA:8,742.77 SQFT
IMPERVIOUS: 100%
CATCHMENT 10
AREA: 3,935.14 SQFT
PREVIOUS: 1,070.40 SQFT
IMPERVIOUS: 85%
CATCHMENT 9
AREA: 14,850.70 SQFT
PREVIOUS: 6,629.05 SQFT
IMPERVIOUS: 47%
CATCHMENT 21
CATCHMENT 20
AREA: 2,636.70 SQFT
PREVIOUS: 267.80 SQFT
IMPERVIOUS: 90%
CATCHMENT 24
AREA: 15,330.88 SQFT
PREVIOUS: 2,541.92 SQFT
IMPERVIOUS: 83% SQFT
CATCHMENT 25
CATCHMENT 26
PATIENT DROP OFF
4"DW
6"FW
8"SD
12"SD
8"FW
6"SS
24"SD
10"SD
2"FMSD
15"SD
SS


CATCHMENT 4
AREA: 6,416.22 SQFT
PREVIOUS: 100%
CATCHMENT 5
AREA: 1,945.88 SQFT
IMPERVIOUS: 100%
CATCHMENT 3
AREA: 5,248.32 SQFT
PREVIOUS: 877.06 SQFT
IMPERVIOUS: 83% SQFT
CATCHMENT 6
AREA: 2,631.69 SQFT
IMPERVIOUS: 71%
CATCHMENT 7
AREA:12,710.61 SQFT
IMPERVIOUS: 100%
CATCHMENT 8
AREA:8,742.77 SQFT
IMPERVIOUS: 100%
CATCHMENT 11
PREVIOUS:828.72 SQFT
IMPERVIOUS: 84%
CATCHMENT 10
AREA: 1,935.14 SQFT
PREVIOUS: 1,070.40 SQFT
IMPERVIOUS: 85%
CATCHMENT 9
AREA: 11,950.70 SQFT
PREVIOUS: 5,629.05 SQFT
IMPERVIOUS: 47%
CATCHMENT 21
CATCHMENT 20
AREA: 2,636.70 SQFT
PREVIOUS: 267.80 SQFT
IMPERVIOUS: 90%
CATCHMENT 23
CATCHMENT 22
PATIENT DROP OFF
8"FD
12"SD
6"SS
8"SD
6"FW
8"FW
4"DW
1"DW
10"SD
15"SD
24"SD
2"FMSD


CATCHMENT 15
AREA: 2,155.05 SQFT
PREVIOUS: 150.57 SQFT
IMPERVIOUS: 93%
CATCHMENT 16
AREA: 1,408.19 SQFT
PREVIOUS: 59.30 SQFT
IMPERVIOUS: 89%
CATCHMENT 17
AREA: 7,015.97 SQFT
PREVIOUS: 3,860.41 SQFT
IMPERVIOUS: 45%
CATCHMENT 14
AREA: 3,511.56 SQFT
PREVIOUS: 816.03 SQFT
IMPERVIOUS: 77%
CATCHMENT 18
AREA: 2,662.54 SQFT
PREVIOUS: 984.83 SQFT
IMPERVIOUS: 63%
CATCHMENT 13
CATCHMENT 12
AREA: 3,101.34 SQFT
PREVIOUS: 349.52 SQFT
IMPERVIOUS: 89%
CATCHMENT 9
AREA: 14,860.70 SQFT
PREVIOUS: 6,629.05 SQFT
IMPERVIOUS: 47%
8"FD
8"SD
12"SD
10"SD
15"SD
24"SD
8"FW
2"FMSD
STOP
6" W

CALCULATIONS B

HYDROLOGY CALCULATIONS 25 YEAR STORM EVENT AND 85TH PERCENTILE

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VCA Engineers, Inc.		25-Year HydroCalc Analysis
Client:	Kaiser Permanente	Job No. 2069-219
Project:	Kaiser Permanente Covina	Date: 9/12/2019
		Engineer: VCA

COVINA	25 YEARS		85th Percentil	
Subarea	Peak Flow Rate (cfs)	Runoff Volume (cf)	Peak Flow Rate (cfs)	Runoff Volume (cf)
1	1.59	9,570.45	0.25	1,786.93
2	0.23	1,121.51	0.03	185.64
3	0.35	1,886.20	0.04	335.09
4	0.42	1,074.54	0.02	75.48
5	0.13	775.17	0.02	144.73
6	0.17	873.07	0.02	148.44
7	0.84	5,063.47	0.13	945.42
8	0.58	3,482.82	0.10	650.29
9	0.78	3,244.82	0.07	482.72
10	0.46	2,513.08	0.06	448.46
11	0.34	1,867.22	0.05	332.56
12	0.20	1,153.95	0.03	208.69
13	0.22	1,143.86	0.03	196.69
14	0.23	1,208.57	0.03	209.82
15	0.14	823.40	0.03	150.83
16	0.09	525.12	0.02	95.14
17	0.46	1,894.58	0.05	278.87
18	0.18	838.94	0.03	137.59
19	0.13	328.25	0.01	23.16
20	0.17	987.48	0.03	179.19
21	0.19	841.70	0.03	130.17
22	0.10	577.01	0.02	106.87
23	0.12	645.15	0.02	114.89
24	1.01	5,514.45	0.10	979.89
25	0.08	198.98	0.01	14.35
26	0.09	563.92	0.02	105.29
27	0.05	117.30	0.01	8.49
28	0.06	280.24	0.01	47.19
29	0.40	1,480.49	0.03	194.81
TOTAL	9.80	**50,595.74**	**1.30**	**8717.69**

Peak Flow Hydrologic Analysis

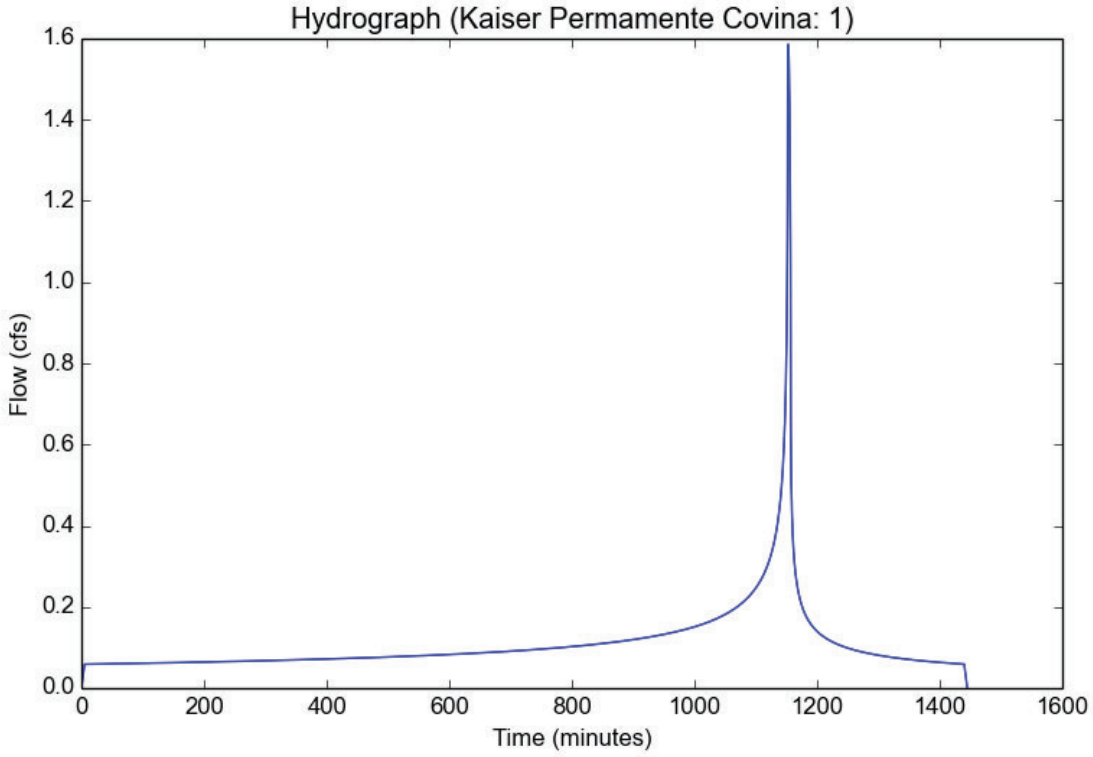
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	1
Area (ac)	0.551522144
Flow Path Length (ft)	129.28
Flow Path Slope (vft/hft)	0.092
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	1.5861
Burned Peak Flow Rate (cfs)	1.5861
24-Hr Clear Runoff Volume (ac-ft)	0.2197
24-Hr Clear Runoff Volume (cu-ft)	9570.452



Peak Flow Hydrologic Analysis

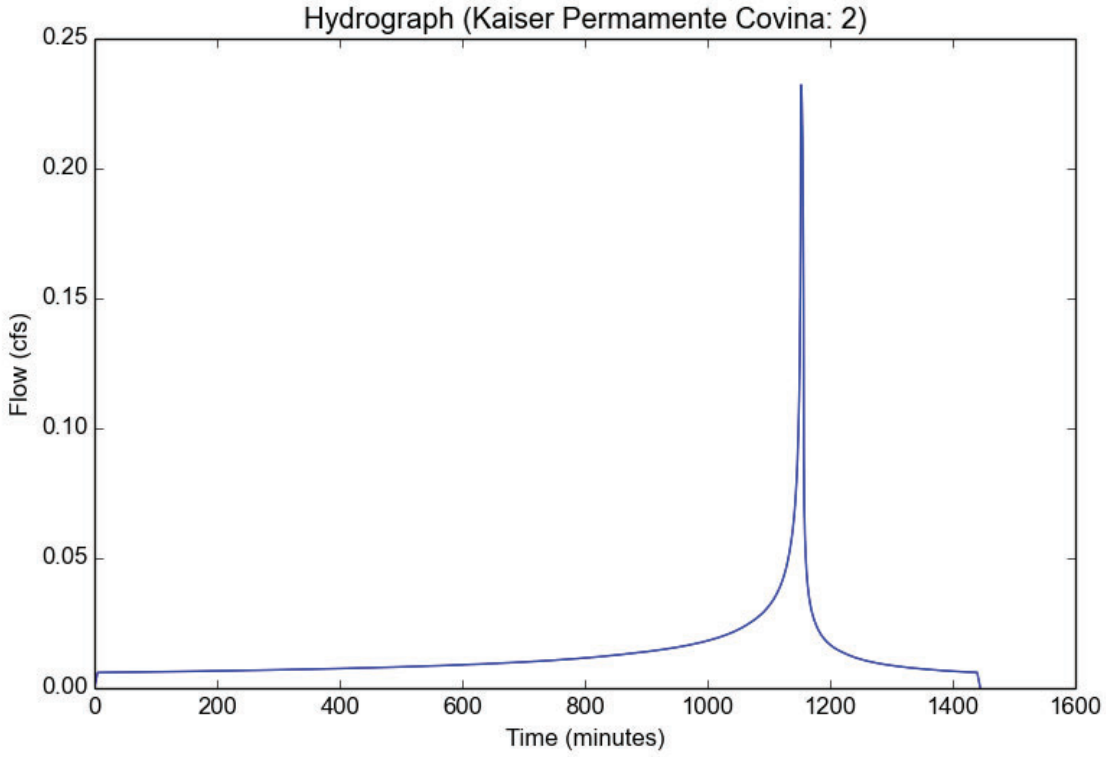
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	2
Area (ac)	0.081097447
Flow Path Length (ft)	138.7002
Flow Path Slope (vft/hft)	0.063
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.653155654
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.896
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.2322
Burned Peak Flow Rate (cfs)	0.2322
24-Hr Clear Runoff Volume (ac-ft)	0.0257
24-Hr Clear Runoff Volume (cu-ft)	1121.5057



Peak Flow Hydrologic Analysis

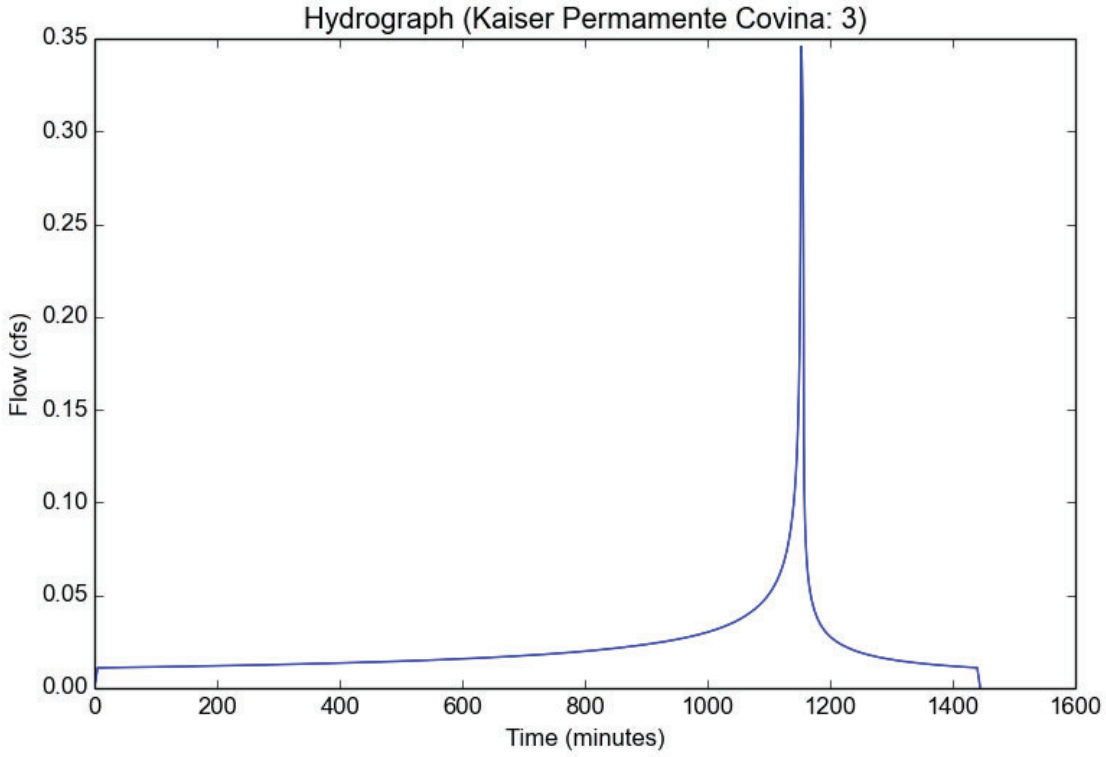
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	3
Area (ac)	0.12048477
Flow Path Length (ft)	198.8992
Flow Path Slope (vft/hft)	0.015
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.832887368
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8981
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.3458
Burned Peak Flow Rate (cfs)	0.3458
24-Hr Clear Runoff Volume (ac-ft)	0.0433
24-Hr Clear Runoff Volume (cu-ft)	1886.1957



Peak Flow Hydrologic Analysis

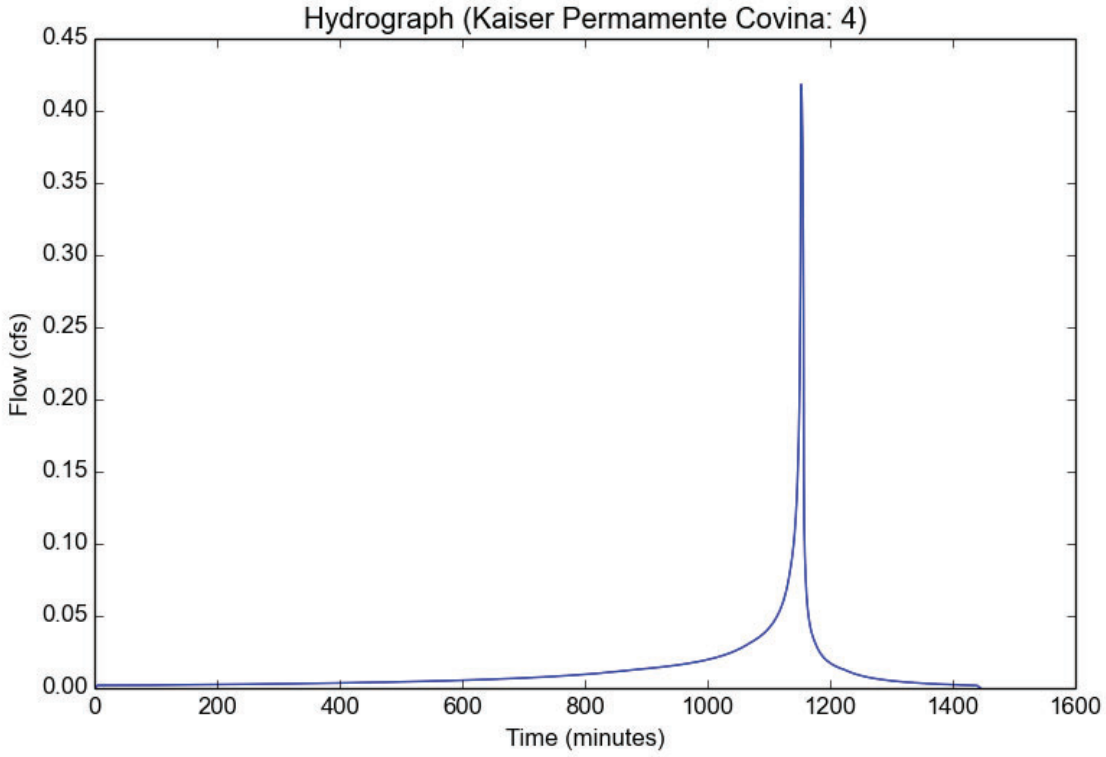
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	4
Area (ac)	0.147296322
Flow Path Length (ft)	298.7834
Flow Path Slope (vft/hft)	0.032
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8885
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.4182
Burned Peak Flow Rate (cfs)	0.4182
24-Hr Clear Runoff Volume (ac-ft)	0.0247
24-Hr Clear Runoff Volume (cu-ft)	1074.5446



Peak Flow Hydrologic Analysis

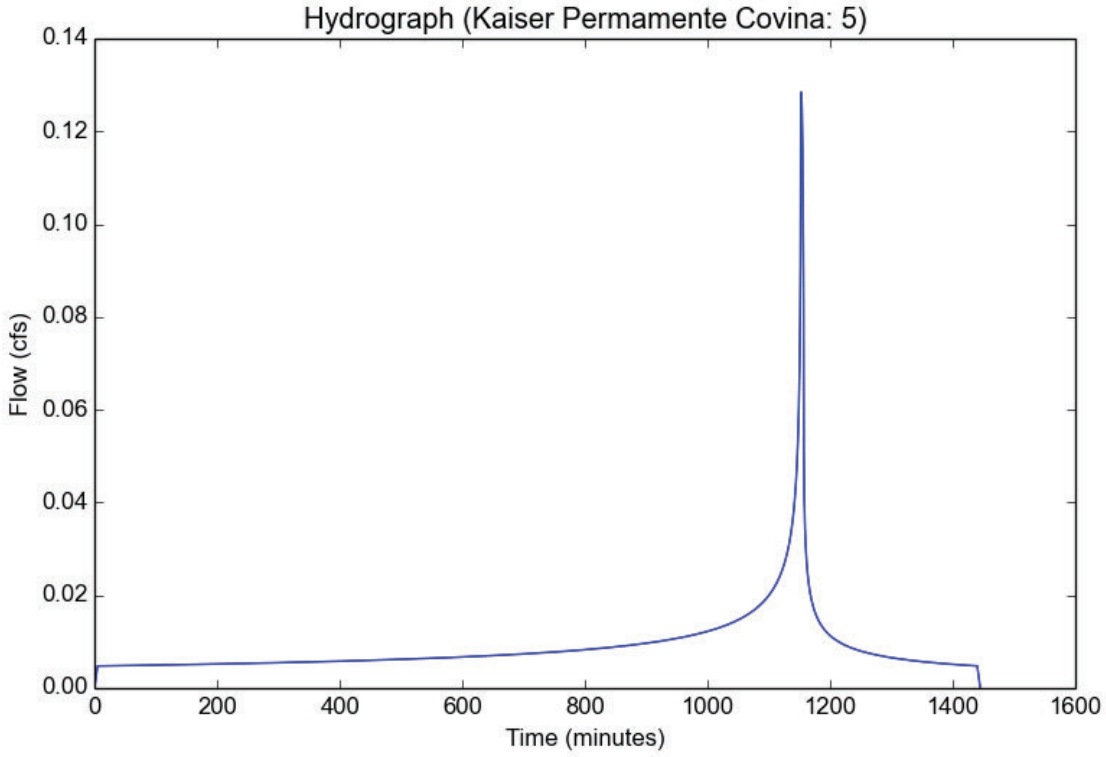
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	5
Area (ac)	0.044671258
Flow Path Length (ft)	35.87
Flow Path Slope (vft/hft)	0.006
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1285
Burned Peak Flow Rate (cfs)	0.1285
24-Hr Clear Runoff Volume (ac-ft)	0.0178
24-Hr Clear Runoff Volume (cu-ft)	775.1713



Peak Flow Hydrologic Analysis

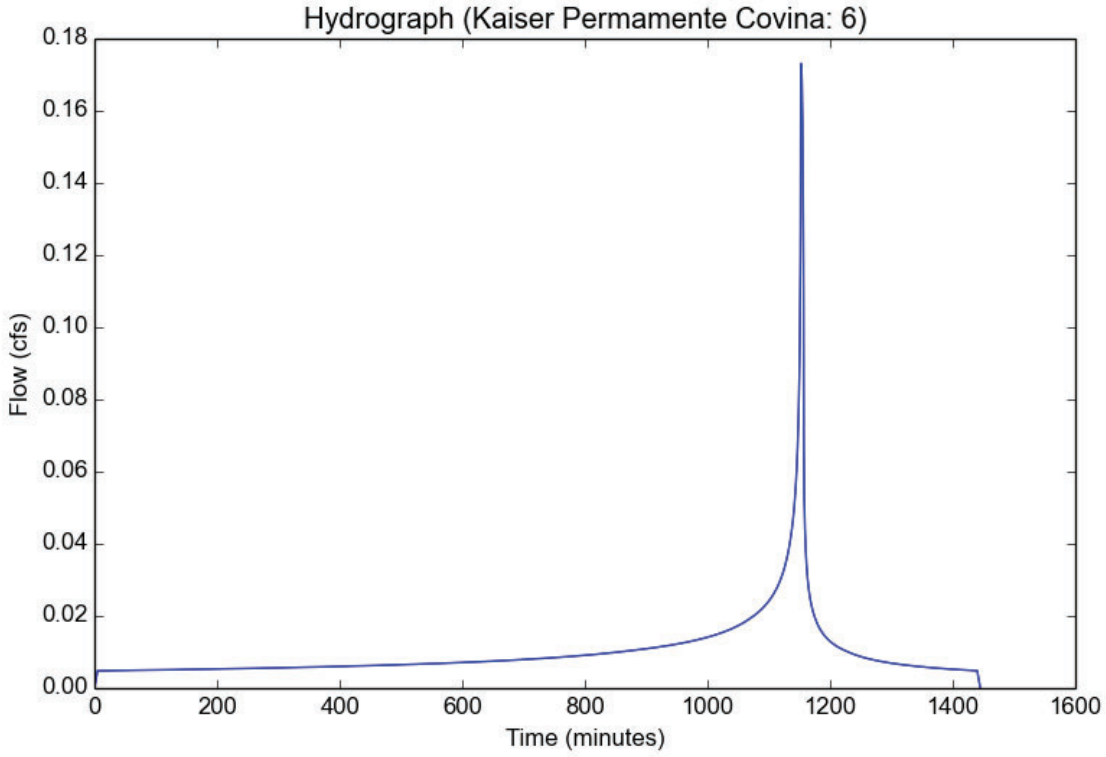
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	6
Area (ac)	0.060415216
Flow Path Length (ft)	68.9418
Flow Path Slope (vft/hft)	0.005
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.714391013
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8967
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1731
Burned Peak Flow Rate (cfs)	0.1731
24-Hr Clear Runoff Volume (ac-ft)	0.02
24-Hr Clear Runoff Volume (cu-ft)	873.0735



Peak Flow Hydrologic Analysis

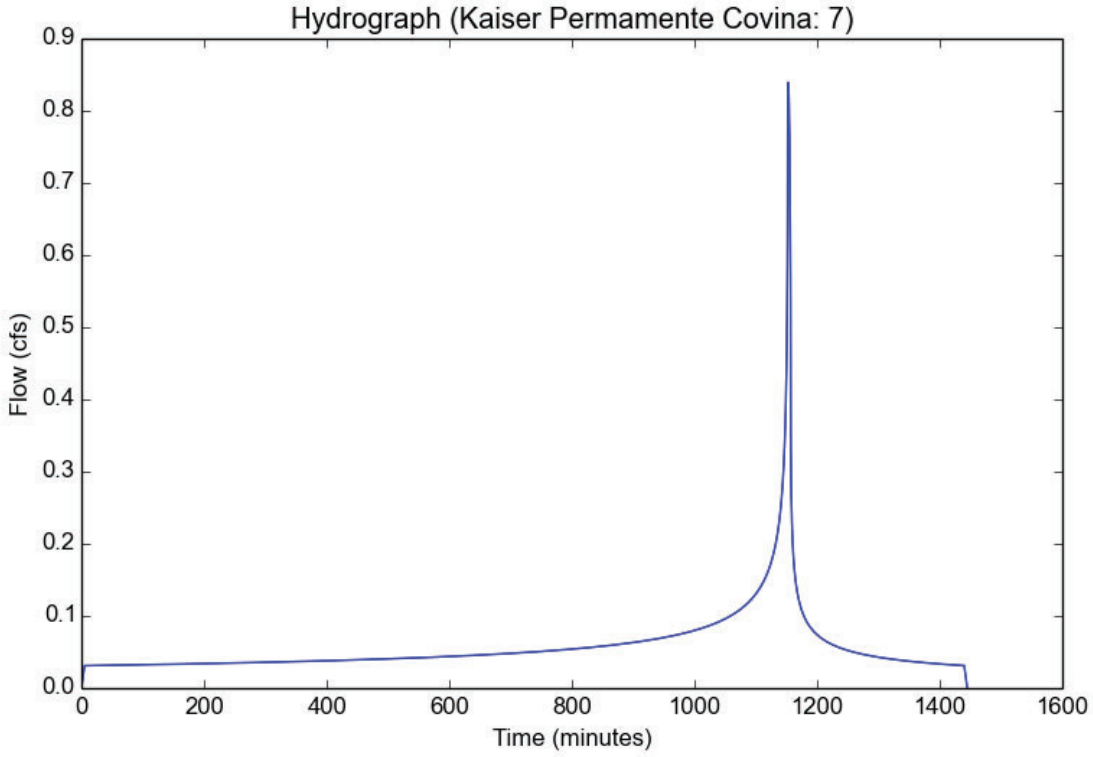
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	7
Area (ac)	0.291795471
Flow Path Length (ft)	100.8542
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.8392
Burned Peak Flow Rate (cfs)	0.8392
24-Hr Clear Runoff Volume (ac-ft)	0.1162
24-Hr Clear Runoff Volume (cu-ft)	5063.4677



Peak Flow Hydrologic Analysis

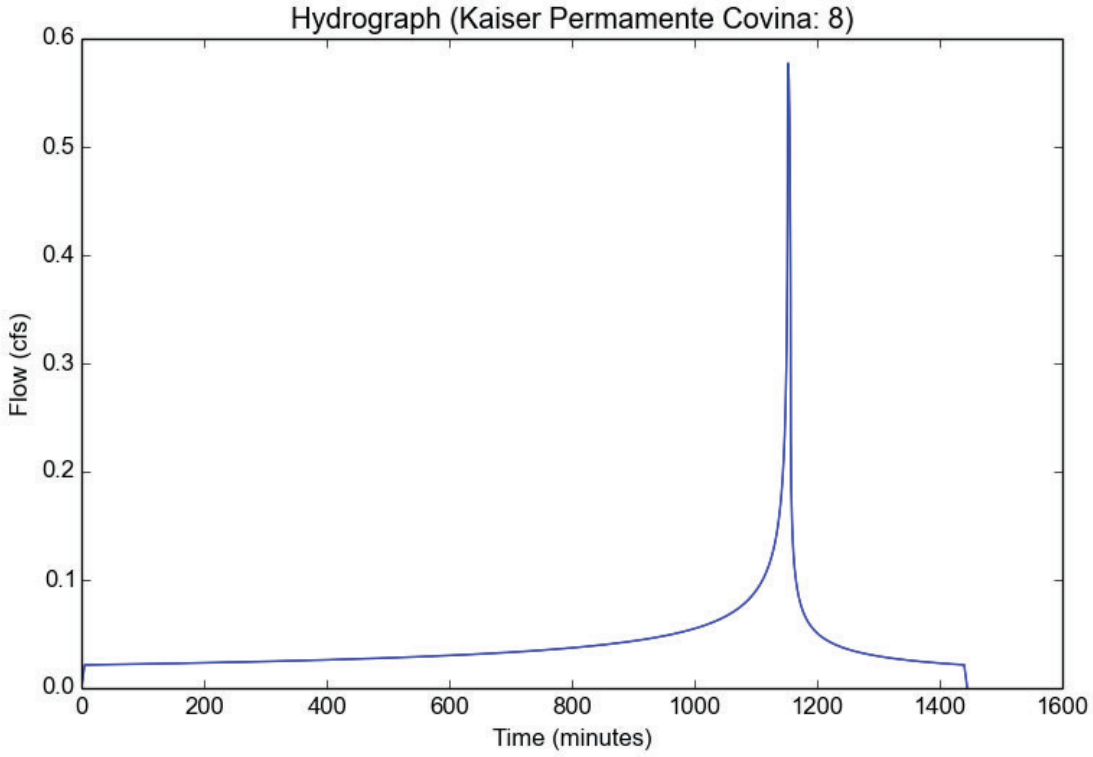
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	8
Area (ac)	0.200706288
Flow Path Length (ft)	66.1475
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.5772
Burned Peak Flow Rate (cfs)	0.5772
24-Hr Clear Runoff Volume (ac-ft)	0.08
24-Hr Clear Runoff Volume (cu-ft)	3482.8156



Peak Flow Hydrologic Analysis

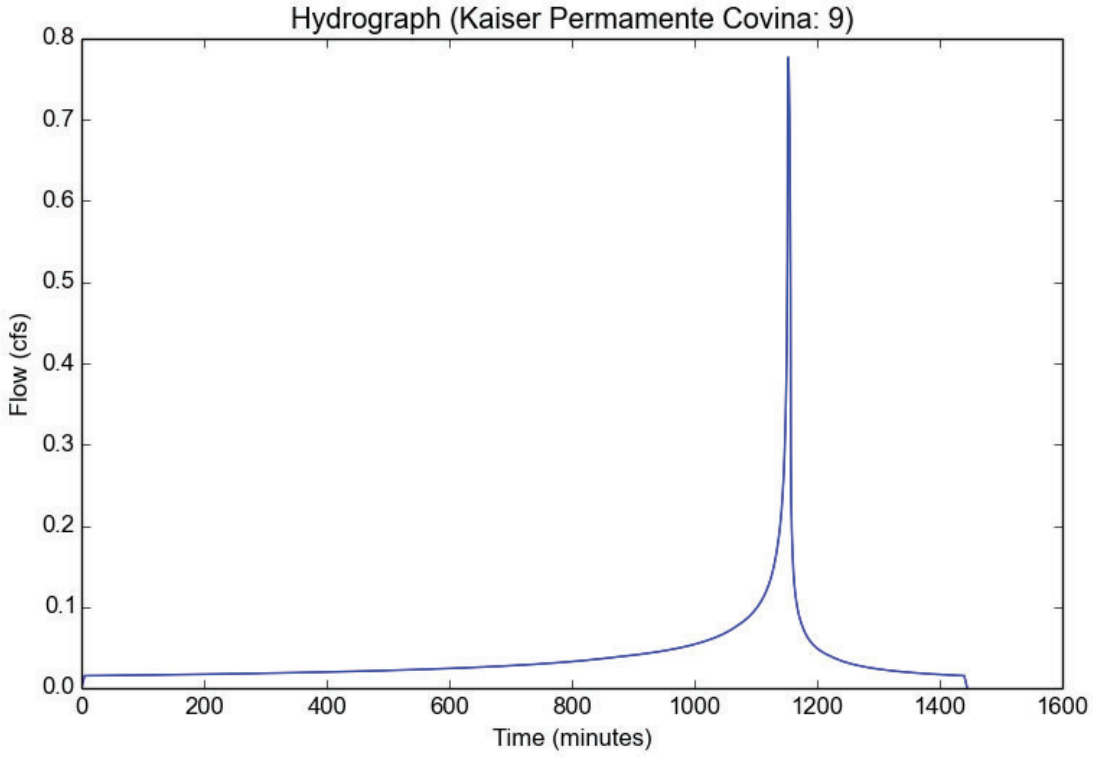
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	9
Area (ac)	0.272054637
Flow Path Length (ft)	191.7091
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.465934502
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8938
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.777
Burned Peak Flow Rate (cfs)	0.777
24-Hr Clear Runoff Volume (ac-ft)	0.0745
24-Hr Clear Runoff Volume (cu-ft)	3244.8182



Peak Flow Hydrologic Analysis

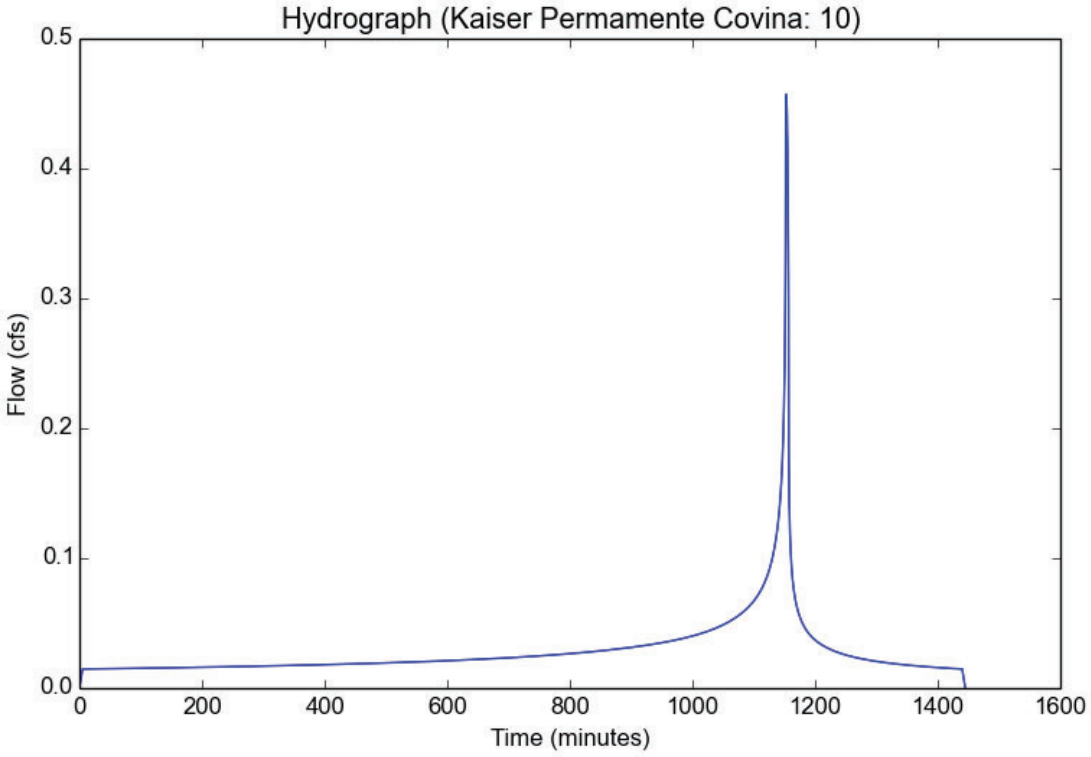
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	10
Area (ac)	0.15920888
Flow Path Length (ft)	126.1178
Flow Path Slope (vft/hft)	0.038
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.845655202
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8982
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.457
Burned Peak Flow Rate (cfs)	0.457
24-Hr Clear Runoff Volume (ac-ft)	0.0577
24-Hr Clear Runoff Volume (cu-ft)	2513.0751



Peak Flow Hydrologic Analysis

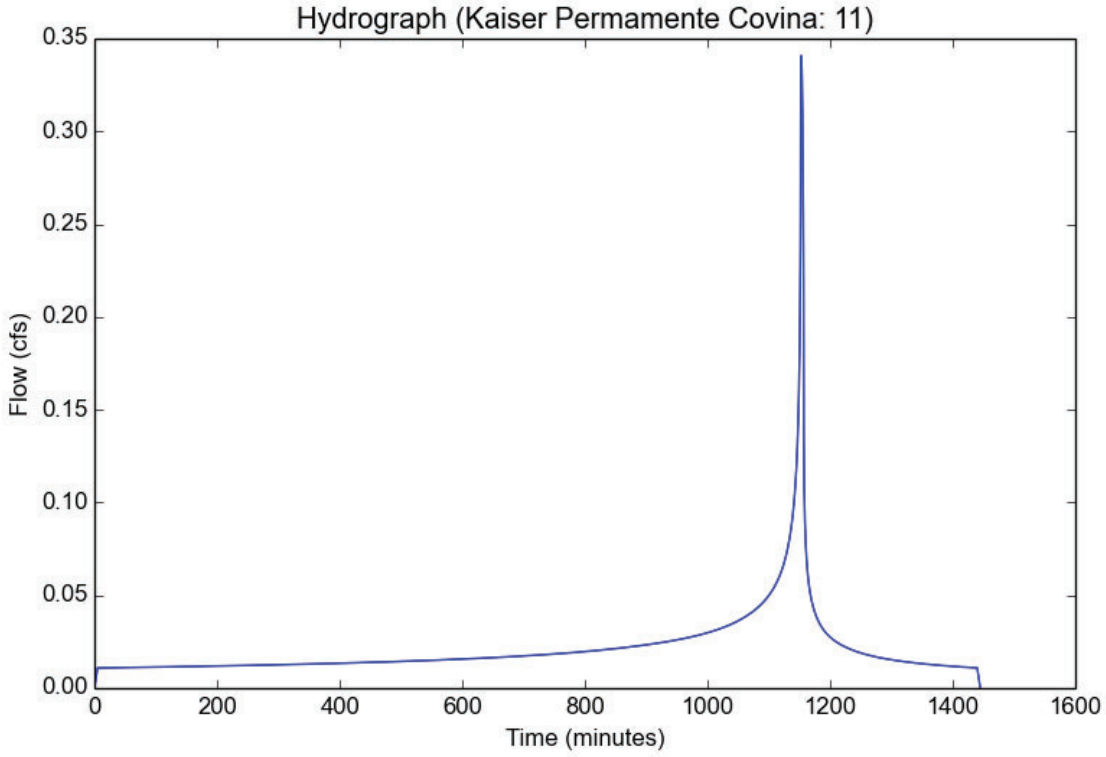
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	11
Area (ac)	0.118741506
Flow Path Length (ft)	133.2953
Flow Path Slope (vft/hft)	0.033
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.83977898
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8981
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.3408
Burned Peak Flow Rate (cfs)	0.3408
24-Hr Clear Runoff Volume (ac-ft)	0.0429
24-Hr Clear Runoff Volume (cu-ft)	1867.2184



Peak Flow Hydrologic Analysis

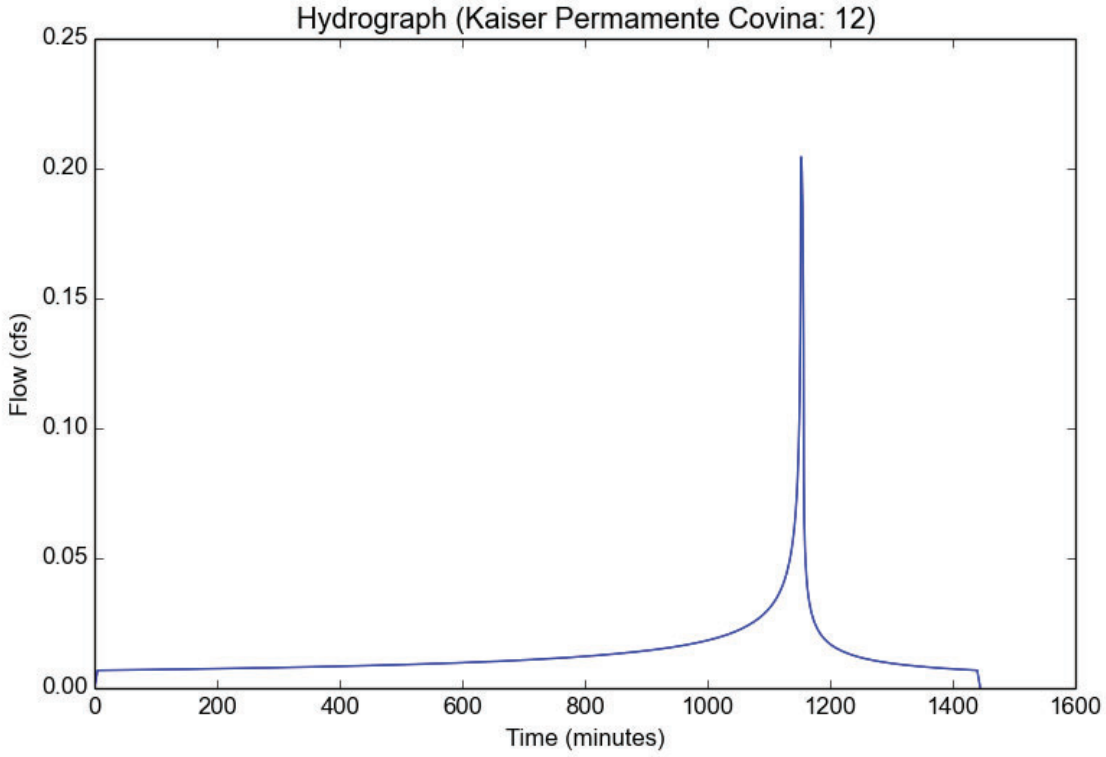
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	12
Area (ac)	0.071196869
Flow Path Length (ft)	97.4934
Flow Path Slope (vft/hft)	0.049
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.887299459
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8987
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.2045
Burned Peak Flow Rate (cfs)	0.2045
24-Hr Clear Runoff Volume (ac-ft)	0.0265
24-Hr Clear Runoff Volume (cu-ft)	1153.9476



Peak Flow Hydrologic Analysis

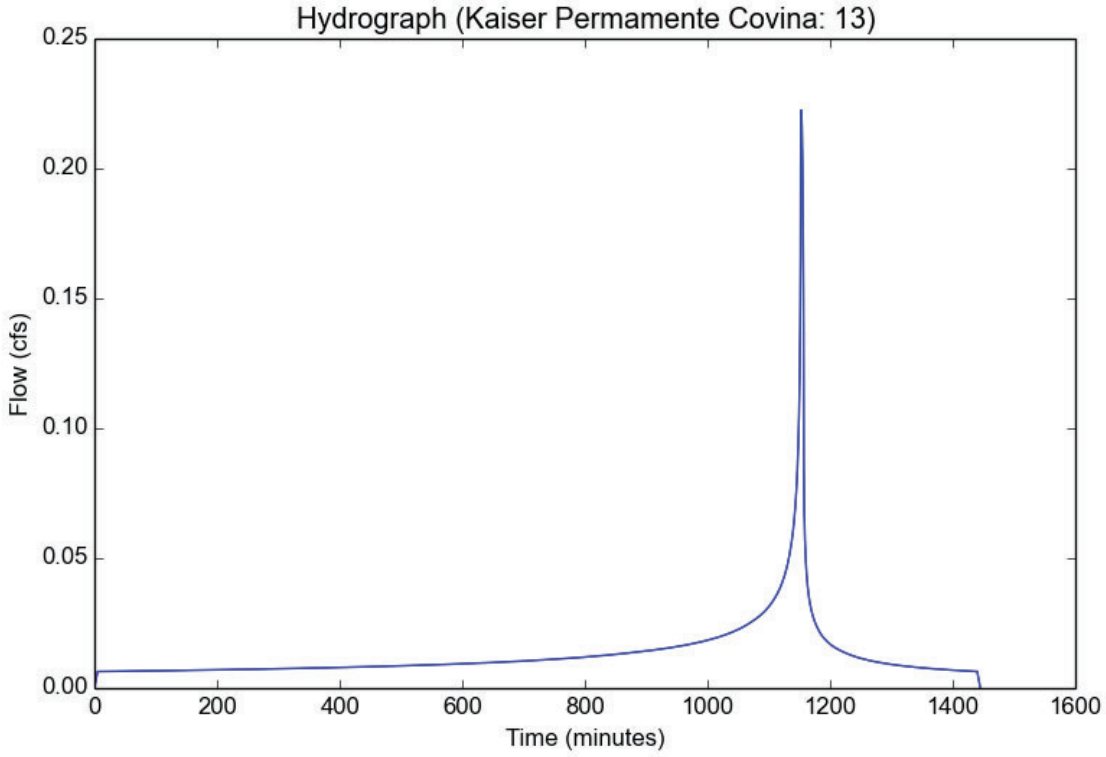
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	13
Area (ac)	0.077616214
Flow Path Length (ft)	121.7671
Flow Path Slope (vft/hft)	0.037
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.74255581
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.897
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.2225
Burned Peak Flow Rate (cfs)	0.2225
24-Hr Clear Runoff Volume (ac-ft)	0.0263
24-Hr Clear Runoff Volume (cu-ft)	1143.8575



Peak Flow Hydrologic Analysis

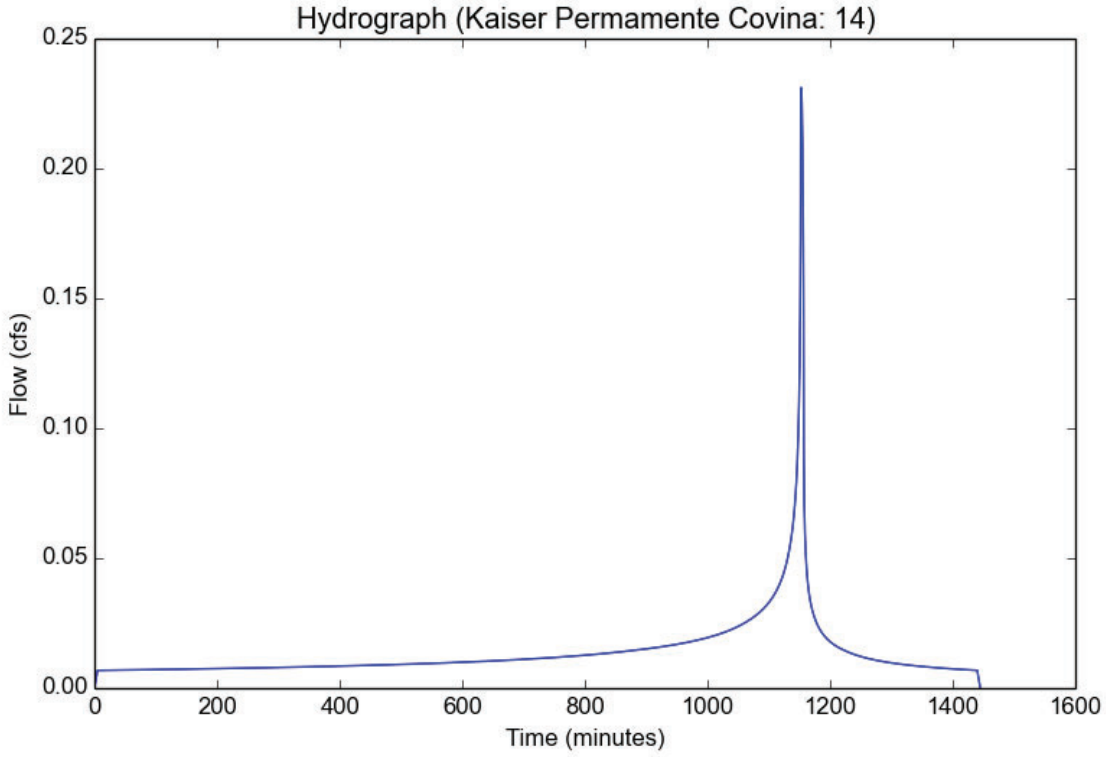
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	14
Area (ac)	0.080614339
Flow Path Length (ft)	142.3383
Flow Path Slope (vft/hft)	0.035
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.767615031
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8973
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.2311
Burned Peak Flow Rate (cfs)	0.2311
24-Hr Clear Runoff Volume (ac-ft)	0.0277
24-Hr Clear Runoff Volume (cu-ft)	1208.565



Peak Flow Hydrologic Analysis

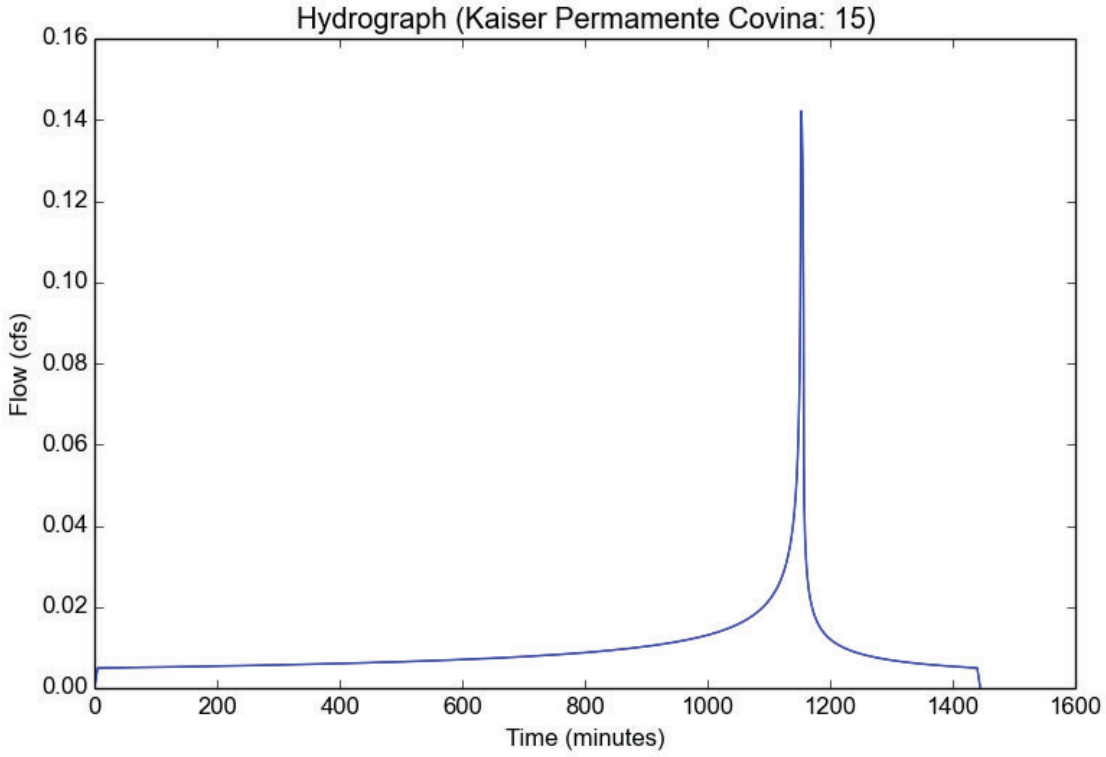
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	15
Area (ac)	0.049473225
Flow Path Length (ft)	70.9429
Flow Path Slope (vft/hft)	0.035
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.930176914
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8992
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1422
Burned Peak Flow Rate (cfs)	0.1422
24-Hr Clear Runoff Volume (ac-ft)	0.0189
24-Hr Clear Runoff Volume (cu-ft)	823.4049



Peak Flow Hydrologic Analysis

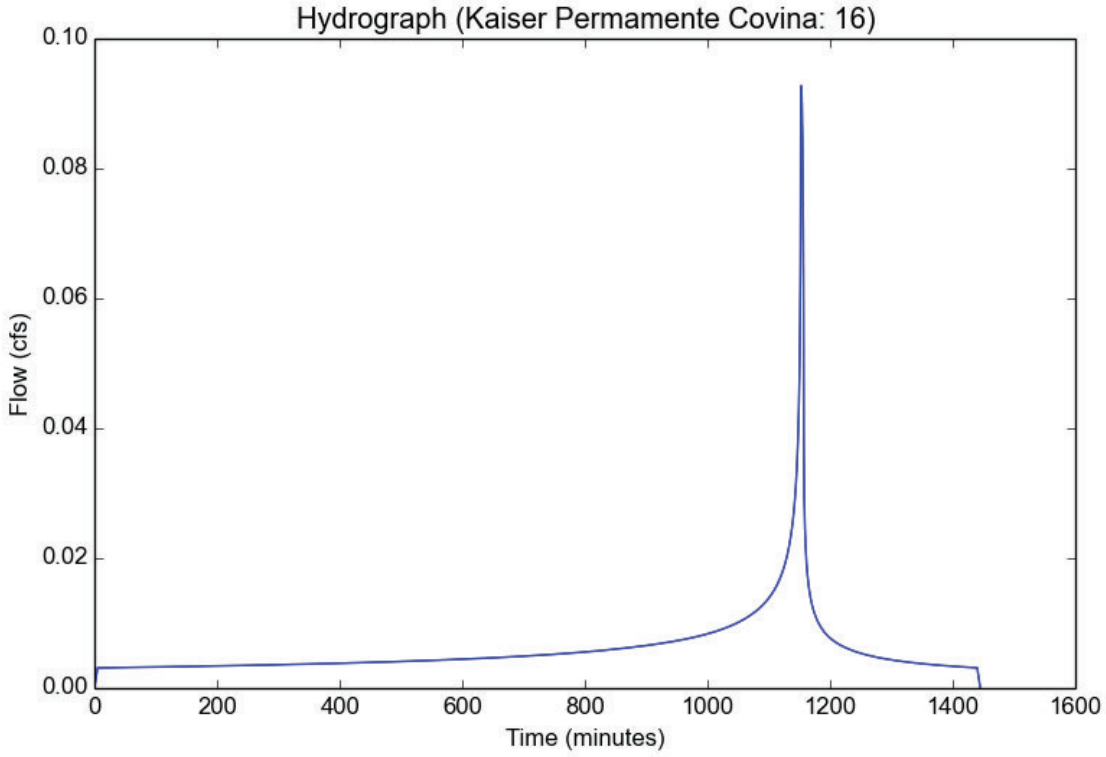
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	16
Area (ac)	0.03228166
Flow Path Length (ft)	45.35
Flow Path Slope (vft/hft)	0.034
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.893112811
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8988
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0927
Burned Peak Flow Rate (cfs)	0.0927
24-Hr Clear Runoff Volume (ac-ft)	0.0121
24-Hr Clear Runoff Volume (cu-ft)	525.1226



Peak Flow Hydrologic Analysis

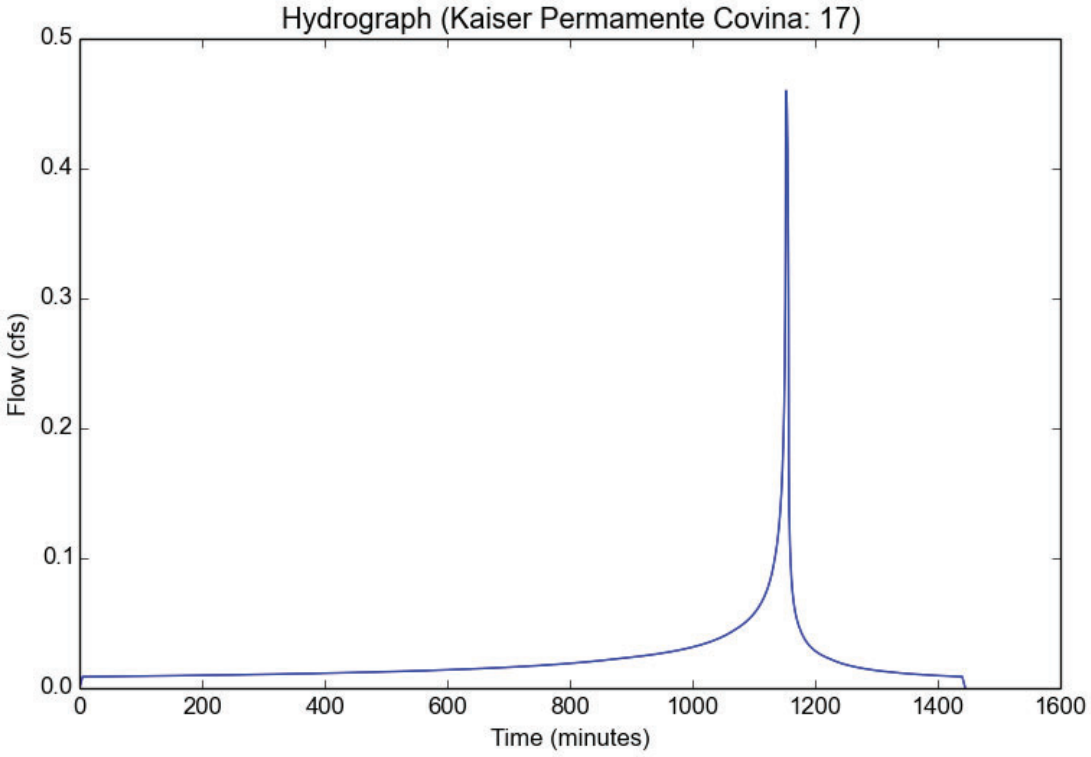
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	17
Area (ac)	0.161064401
Flow Path Length (ft)	133.9476
Flow Path Slope (vft/hft)	0.098
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.449768516
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8936
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.4599
Burned Peak Flow Rate (cfs)	0.4599
24-Hr Clear Runoff Volume (ac-ft)	0.0435
24-Hr Clear Runoff Volume (cu-ft)	1894.5761



Peak Flow Hydrologic Analysis

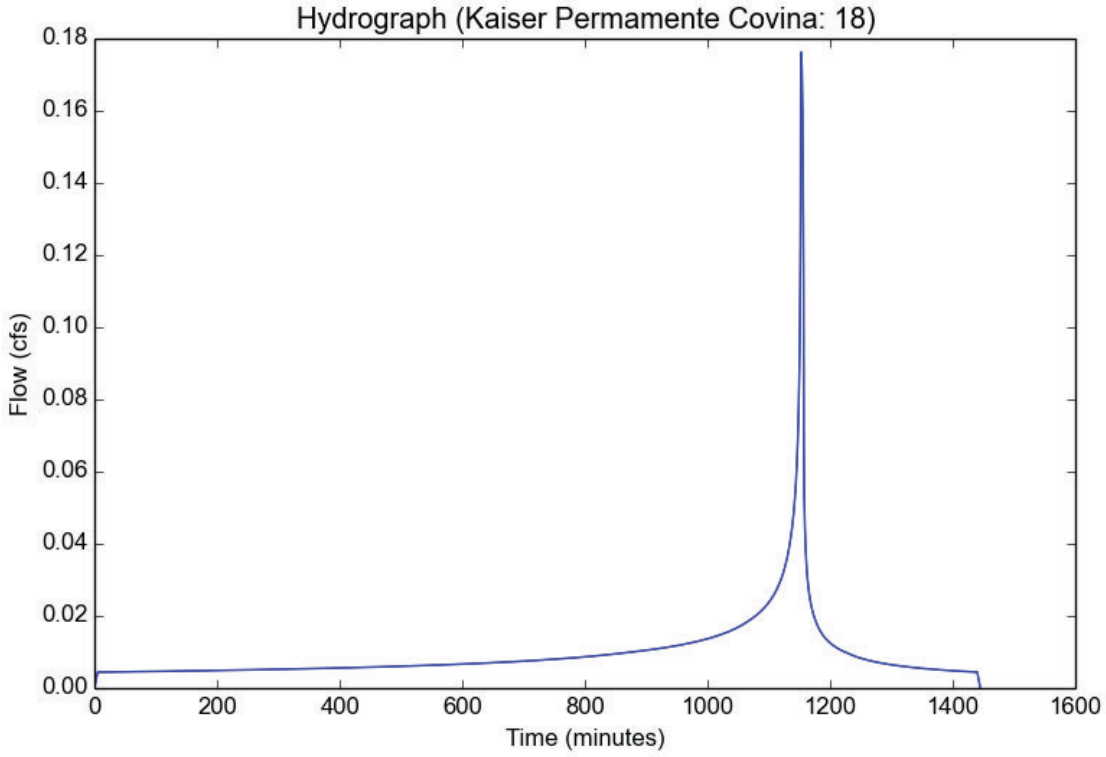
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	18
Area (ac)	0.061582693
Flow Path Length (ft)	81.5598
Flow Path Slope (vft/hft)	0.13
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.632873534
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8957
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1763
Burned Peak Flow Rate (cfs)	0.1763
24-Hr Clear Runoff Volume (ac-ft)	0.0193
24-Hr Clear Runoff Volume (cu-ft)	838.9448



Peak Flow Hydrologic Analysis

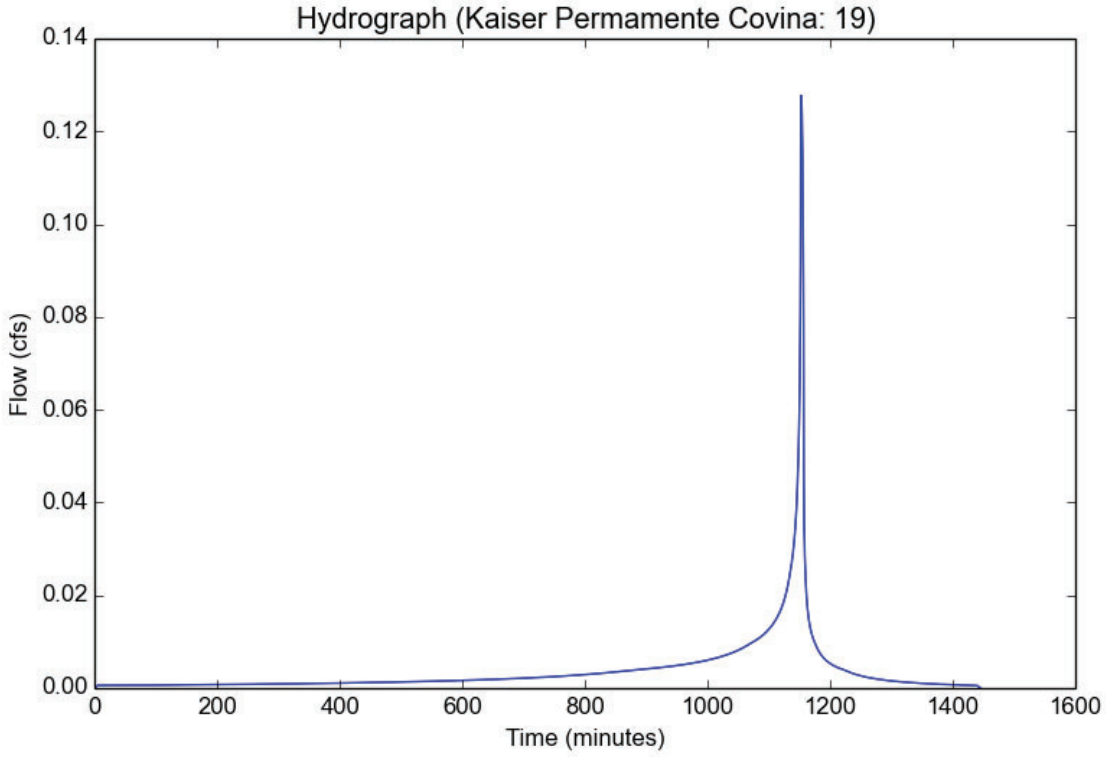
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	19
Area (ac)	0.044996274
Flow Path Length (ft)	195.2247
Flow Path Slope (vft/hft)	0.011
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8885
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1278
Burned Peak Flow Rate (cfs)	0.1278
24-Hr Clear Runoff Volume (ac-ft)	0.0075
24-Hr Clear Runoff Volume (cu-ft)	328.2533



Peak Flow Hydrologic Analysis

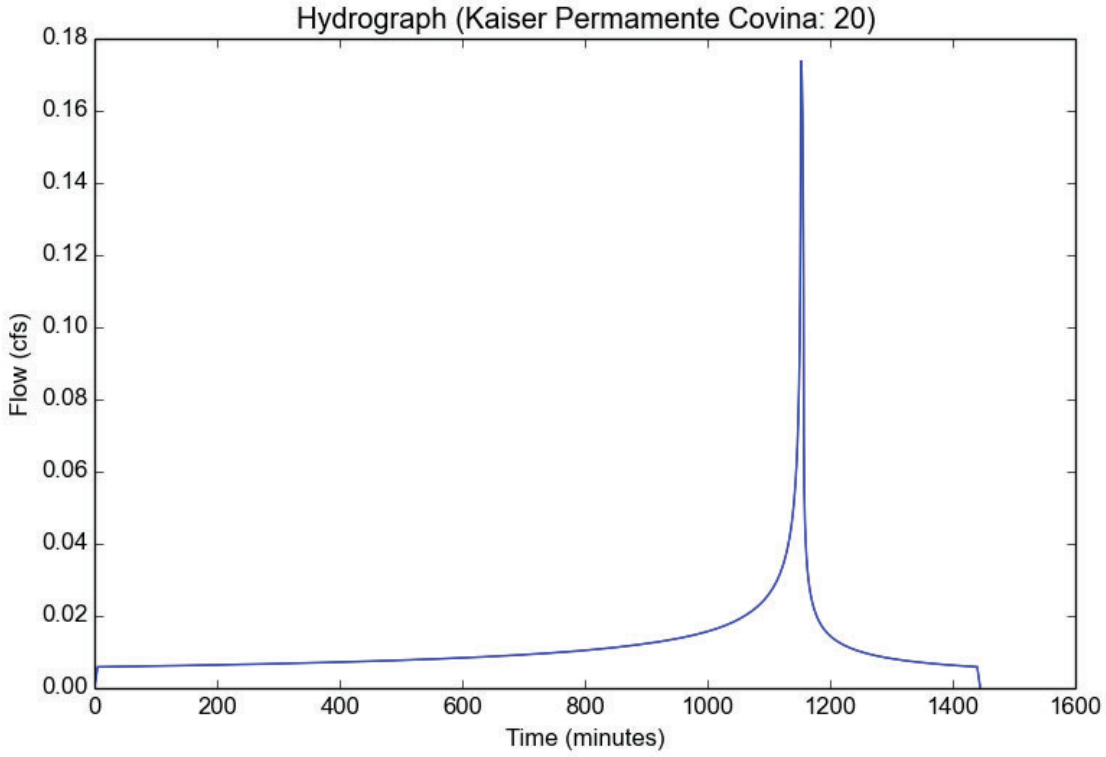
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	20
Area (ac)	0.060505232
Flow Path Length (ft)	58.25
Flow Path Slope (vft/hft)	0.045
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.898389817
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8988
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1738
Burned Peak Flow Rate (cfs)	0.1738
24-Hr Clear Runoff Volume (ac-ft)	0.0227
24-Hr Clear Runoff Volume (cu-ft)	987.4764



Peak Flow Hydrologic Analysis

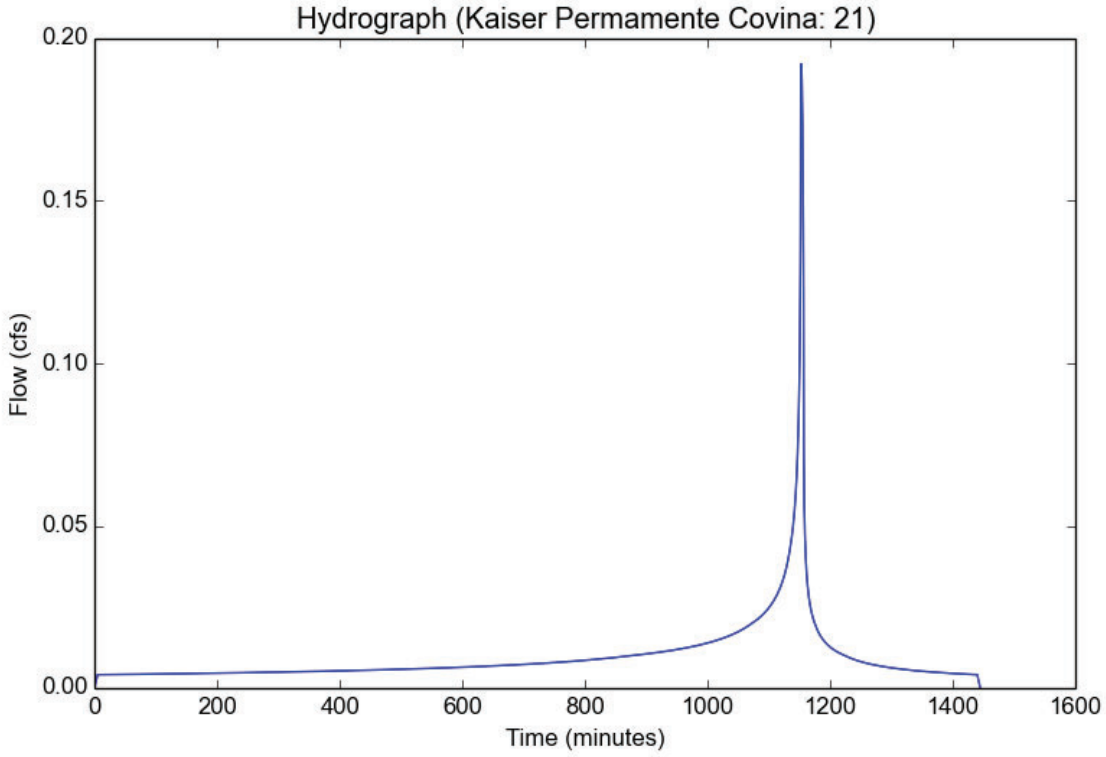
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	21
Area (ac)	0.067249757
Flow Path Length (ft)	50.6117
Flow Path Slope (vft/hft)	0.026
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.523912274
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8945
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1922
Burned Peak Flow Rate (cfs)	0.1922
24-Hr Clear Runoff Volume (ac-ft)	0.0193
24-Hr Clear Runoff Volume (cu-ft)	841.7043



Peak Flow Hydrologic Analysis

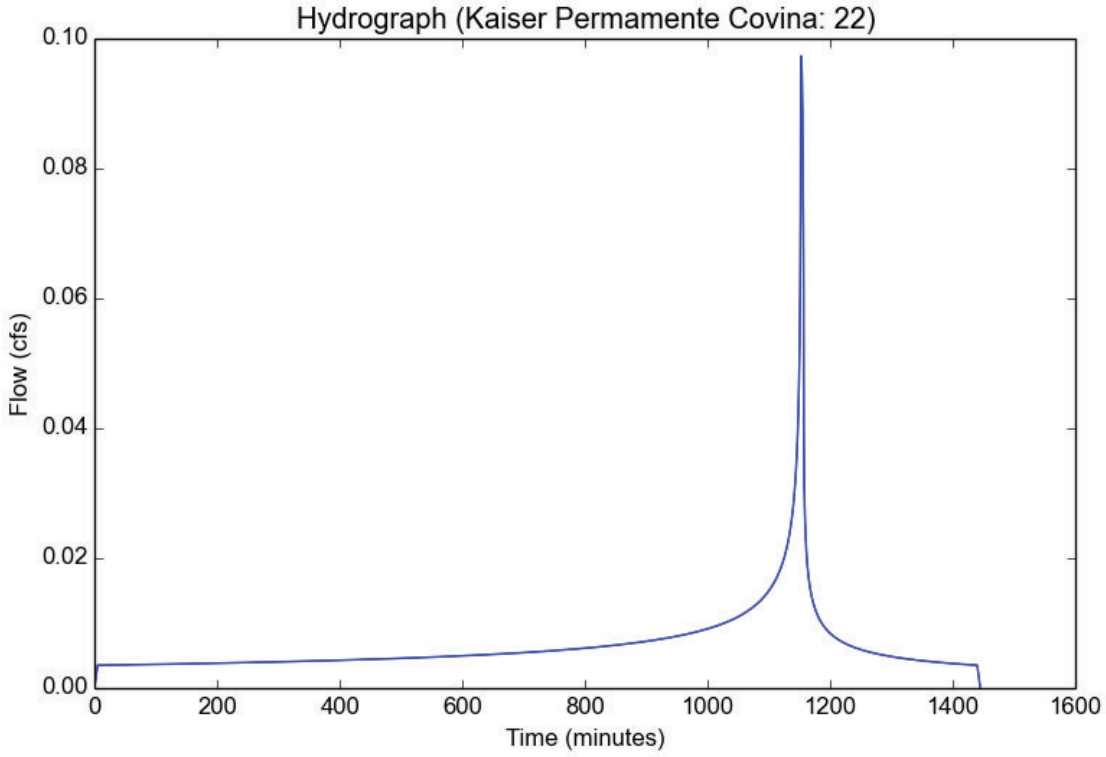
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	22
Area (ac)	0.033856419
Flow Path Length (ft)	71.1815
Flow Path Slope (vft/hft)	0.054
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.969502347
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8996
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0973
Burned Peak Flow Rate (cfs)	0.0973
24-Hr Clear Runoff Volume (ac-ft)	0.0132
24-Hr Clear Runoff Volume (cu-ft)	577.0137



Peak Flow Hydrologic Analysis

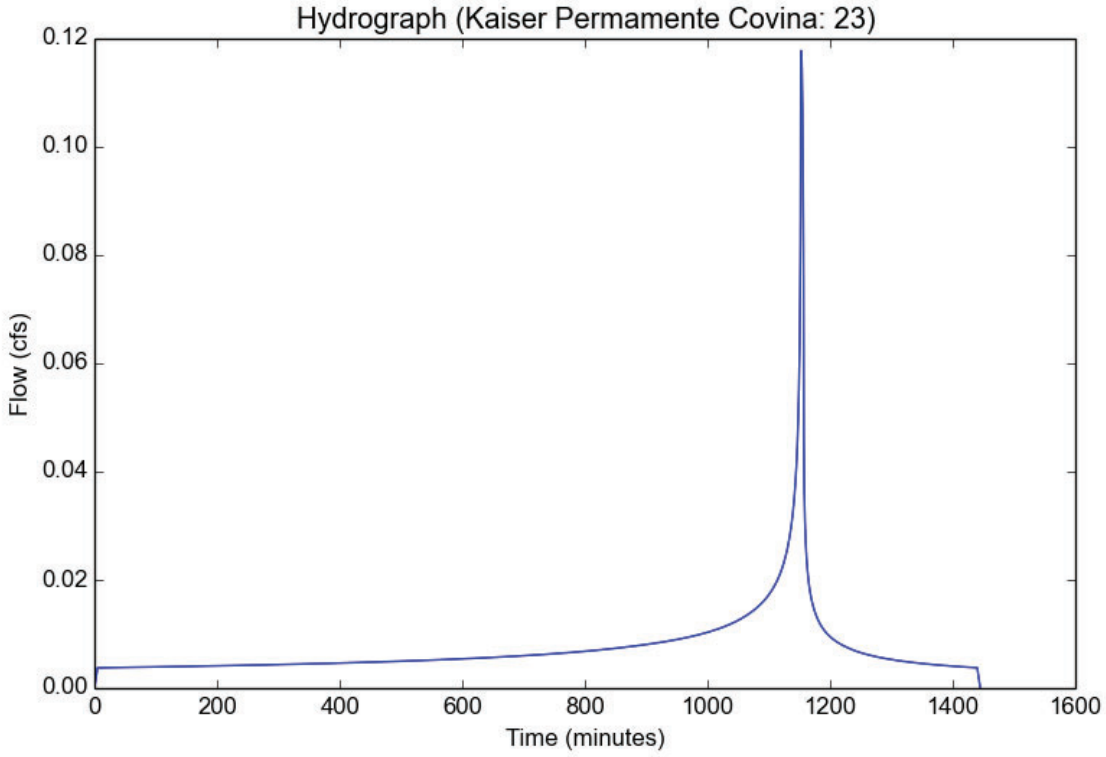
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	23
Area (ac)	0.041042681
Flow Path Length (ft)	70.9625
Flow Path Slope (vft/hft)	0.045
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.839177642
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8981
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.1178
Burned Peak Flow Rate (cfs)	0.1178
24-Hr Clear Runoff Volume (ac-ft)	0.0148
24-Hr Clear Runoff Volume (cu-ft)	645.1483



Peak Flow Hydrologic Analysis

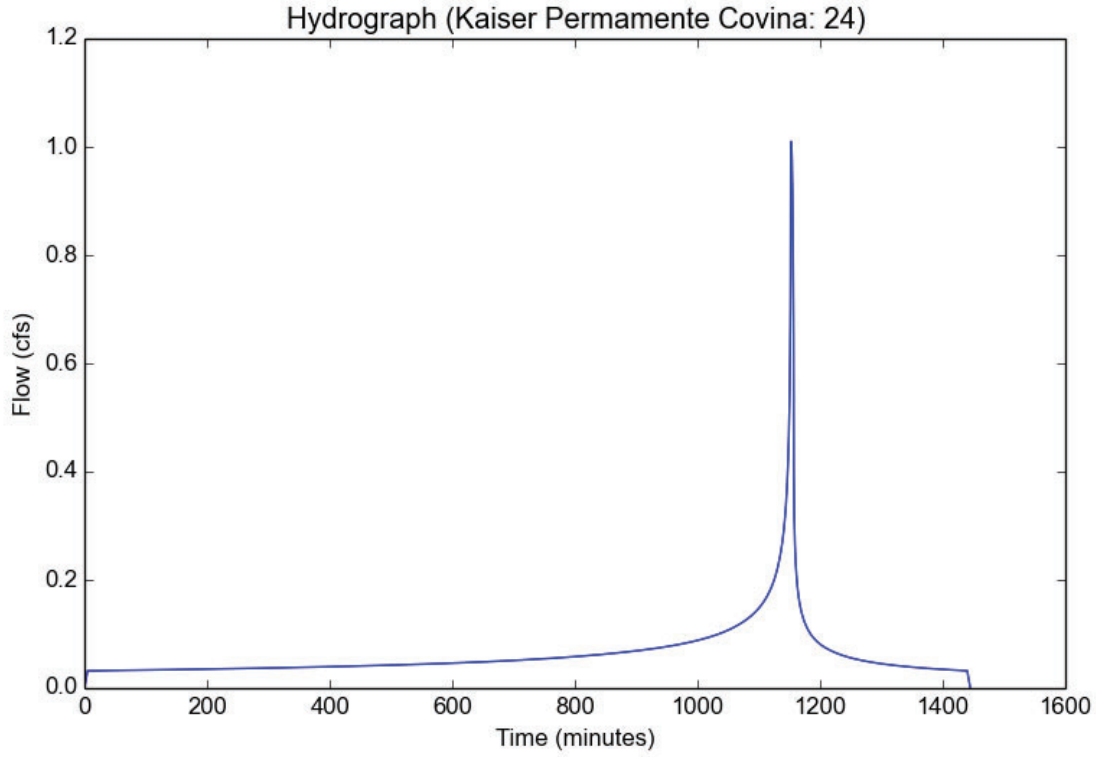
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	24
Area (ac)	0.351948577
Flow Path Length (ft)	127.8435
Flow Path Slope (vft/hft)	0.001
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.834196348
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8981
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	1.01
Burned Peak Flow Rate (cfs)	1.01
24-Hr Clear Runoff Volume (ac-ft)	0.1266
24-Hr Clear Runoff Volume (cu-ft)	5514.4548



Peak Flow Hydrologic Analysis

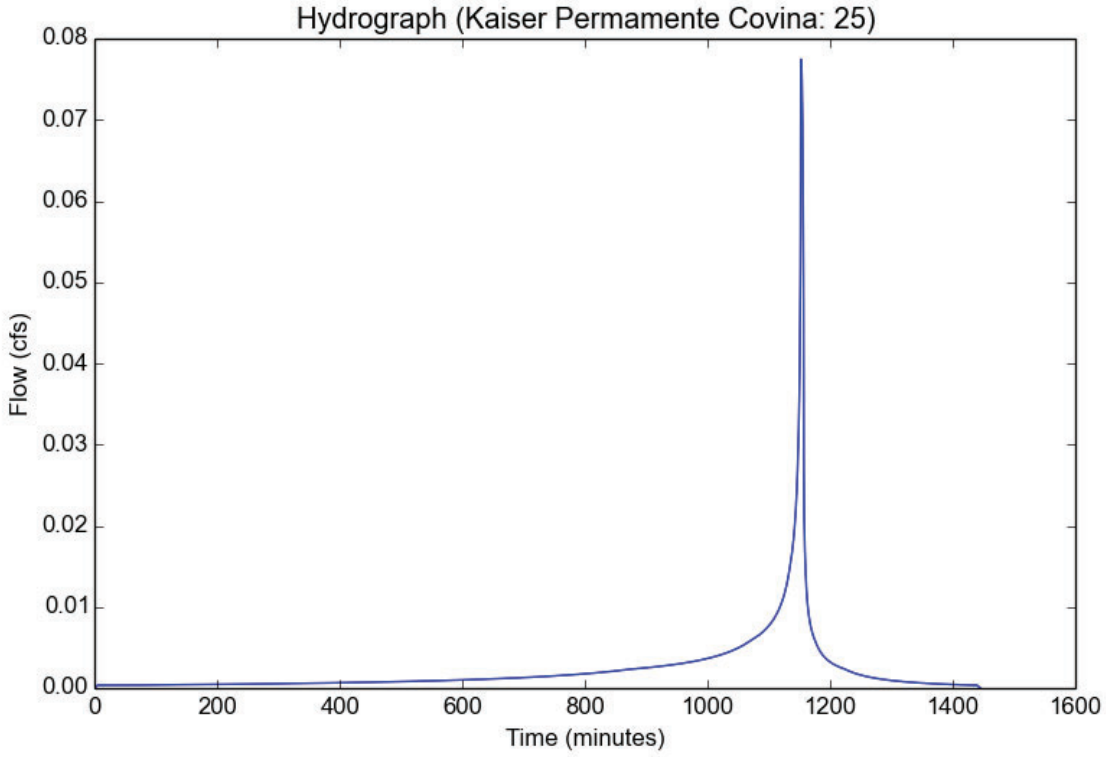
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	25
Area (ac)	0.027276201
Flow Path Length (ft)	79.54
Flow Path Slope (vft/hft)	0.064
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8885
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0774
Burned Peak Flow Rate (cfs)	0.0774
24-Hr Clear Runoff Volume (ac-ft)	0.0046
24-Hr Clear Runoff Volume (cu-ft)	198.9832



Peak Flow Hydrologic Analysis

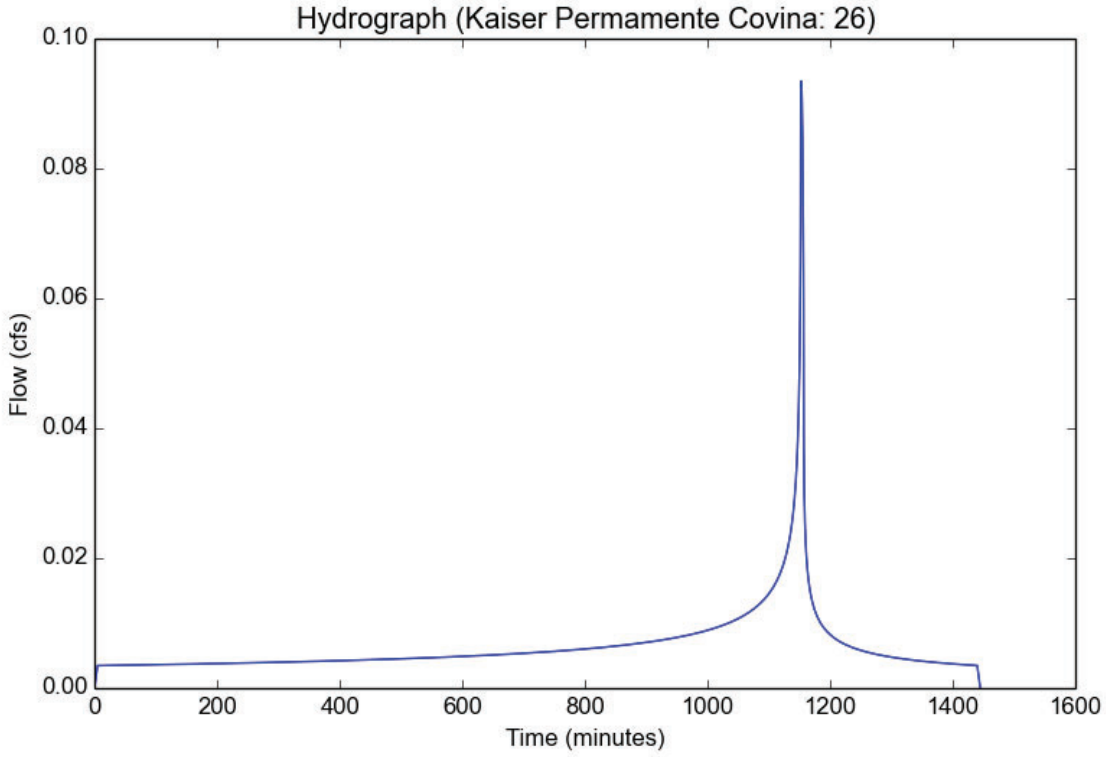
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	26
Area (ac)	0.032497183
Flow Path Length (ft)	52.82
Flow Path Slope (vft/hft)	0.046
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0935
Burned Peak Flow Rate (cfs)	0.0935
24-Hr Clear Runoff Volume (ac-ft)	0.0129
24-Hr Clear Runoff Volume (cu-ft)	563.917



Peak Flow Hydrologic Analysis

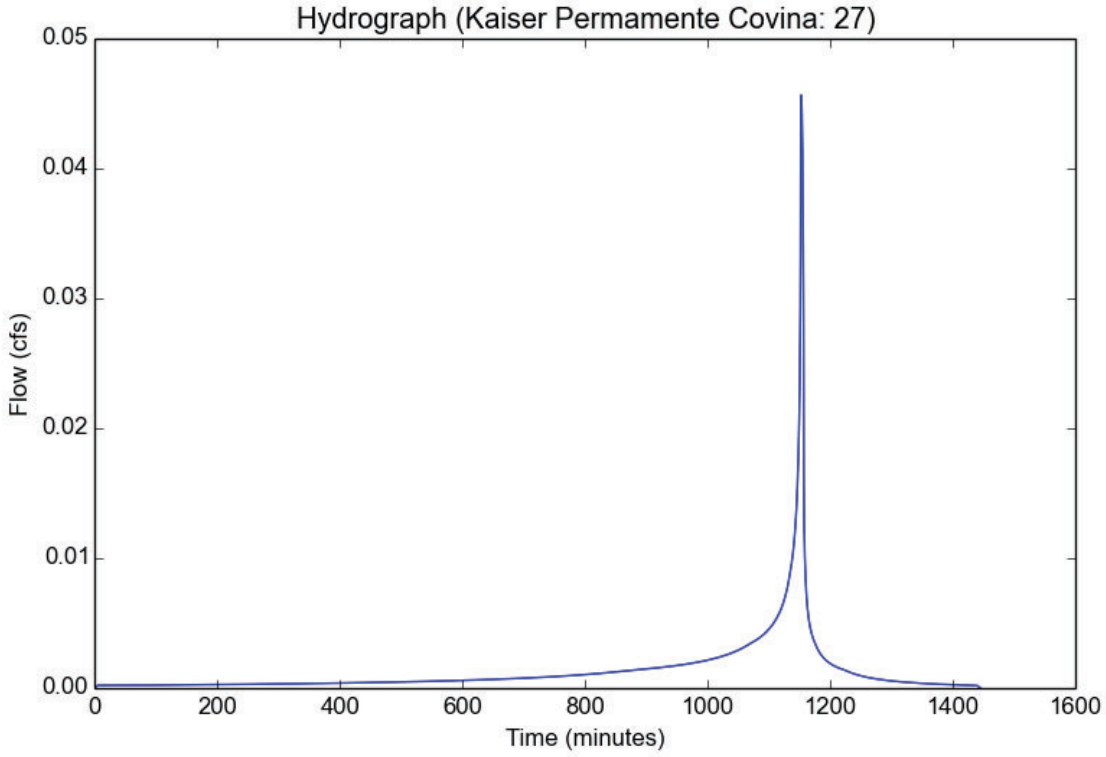
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	27
Area (ac)	0.016079539
Flow Path Length (ft)	55.16
Flow Path Slope (vft/hft)	0.076
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8885
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0457
Burned Peak Flow Rate (cfs)	0.0457
24-Hr Clear Runoff Volume (ac-ft)	0.0027
24-Hr Clear Runoff Volume (cu-ft)	117.3022



Peak Flow Hydrologic Analysis

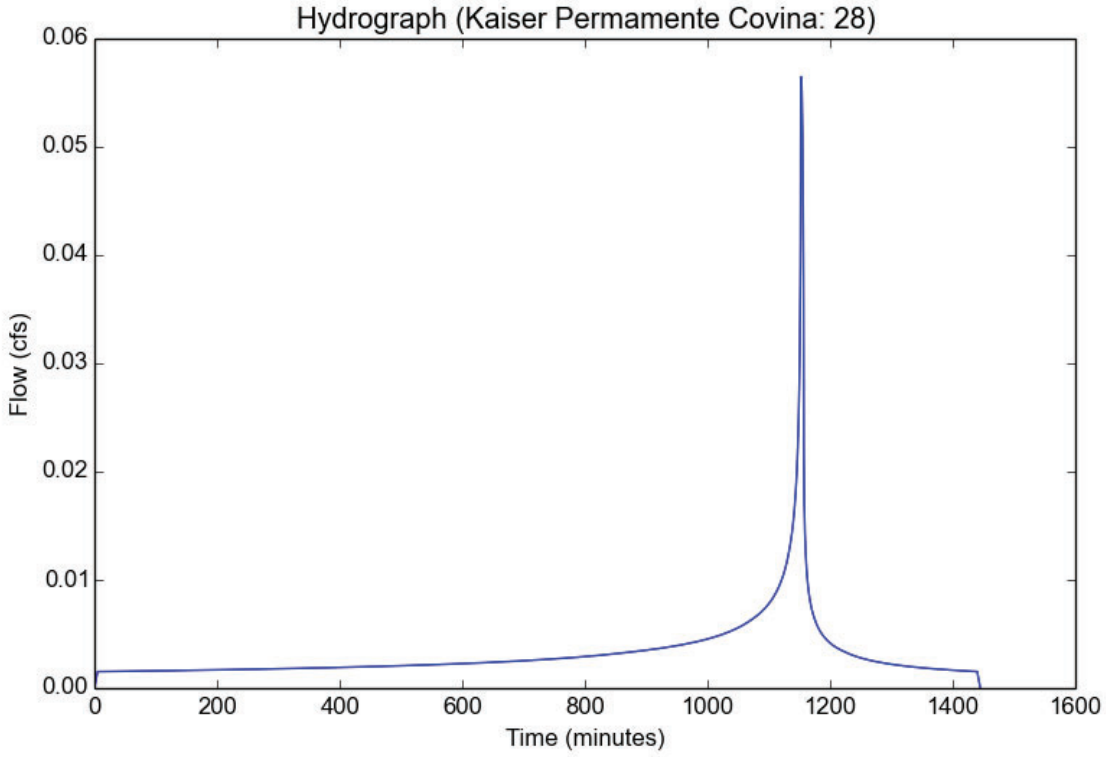
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	28
Area (ac)	0.019716084
Flow Path Length (ft)	35.6171
Flow Path Slope (vft/hft)	0.017
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.691011496
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8964
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0565
Burned Peak Flow Rate (cfs)	0.0565
24-Hr Clear Runoff Volume (ac-ft)	0.0064
24-Hr Clear Runoff Volume (cu-ft)	280.2385



Peak Flow Hydrologic Analysis

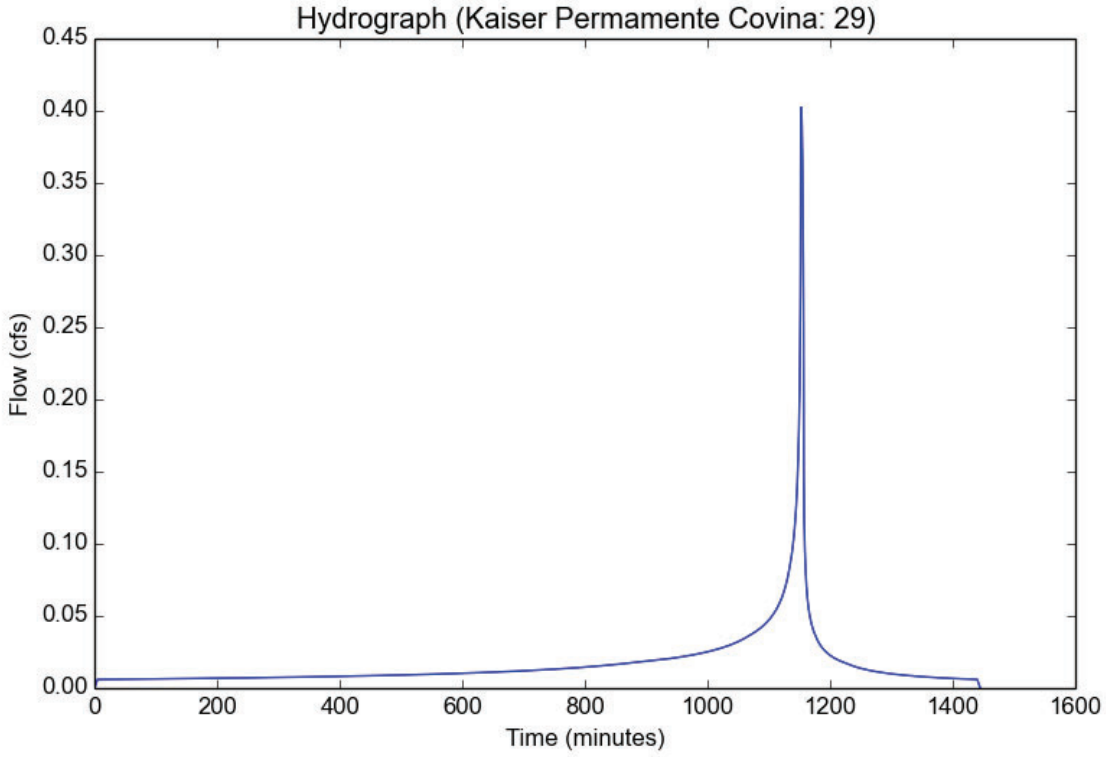
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-25YRS-NO PERMEABLE-1
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	29
Area (ac)	0.141147084
Flow Path Length (ft)	280.1598
Flow Path Slope (vft/hft)	0.017
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.324377806
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8922
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.4024
Burned Peak Flow Rate (cfs)	0.4024
24-Hr Clear Runoff Volume (ac-ft)	0.034
24-Hr Clear Runoff Volume (cu-ft)	1480.4876



85TH PERCENTILE

Peak Flow Hydrologic Analysis

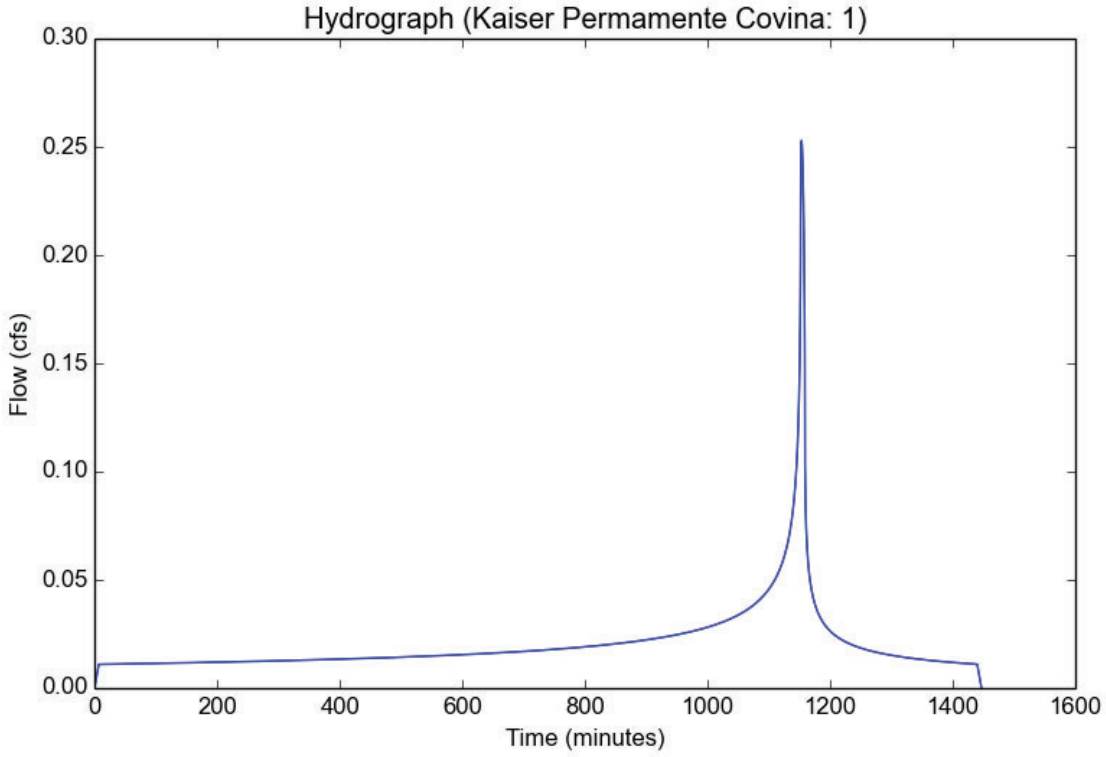
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	1
Area (ac)	0.551522144
Flow Path Length (ft)	129.28
Flow Path Slope (vft/hft)	0.092
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5094
Undeveloped Runoff Coefficient (Cu)	0.5684
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	7.0
Clear Peak Flow Rate (cfs)	0.2528
Burned Peak Flow Rate (cfs)	0.2528
24-Hr Clear Runoff Volume (ac-ft)	0.041
24-Hr Clear Runoff Volume (cu-ft)	1786.9328



Peak Flow Hydrologic Analysis

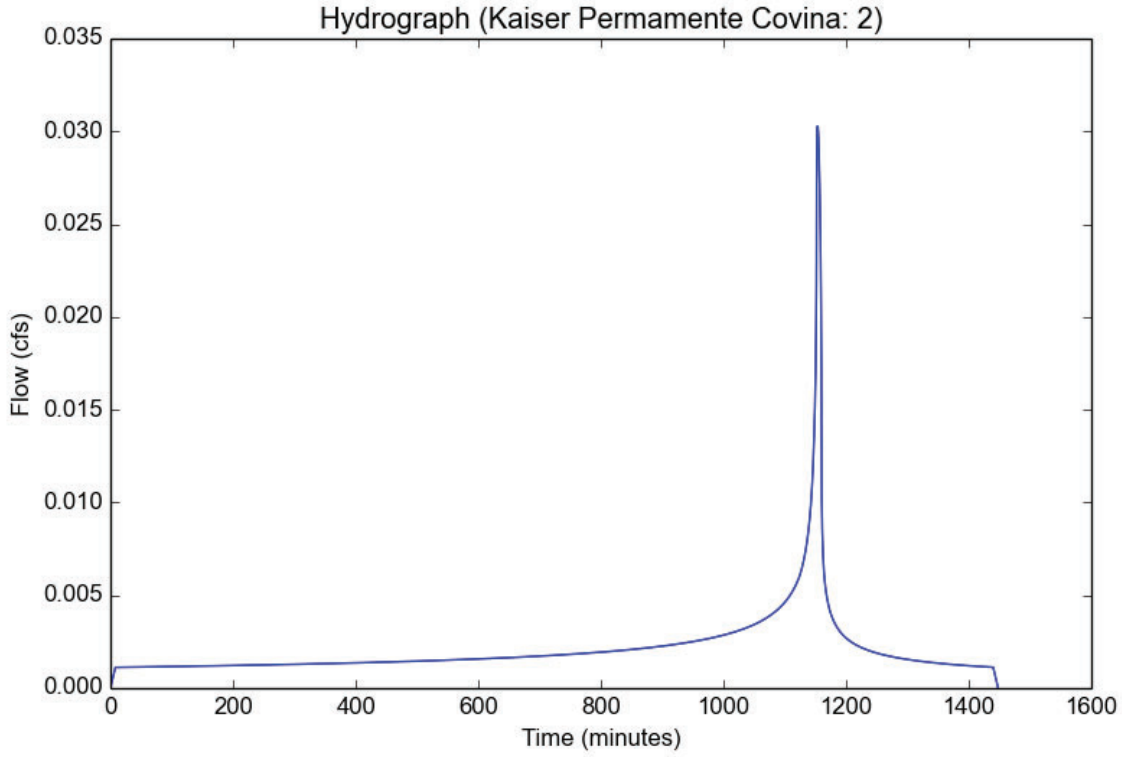
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	2
Area (ac)	0.081097447
Flow Path Length (ft)	138.7002
Flow Path Slope (vft/hft)	0.063
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.653155654
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.7806
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.0303
Burned Peak Flow Rate (cfs)	0.0303
24-Hr Clear Runoff Volume (ac-ft)	0.0043
24-Hr Clear Runoff Volume (cu-ft)	185.6353



Peak Flow Hydrologic Analysis

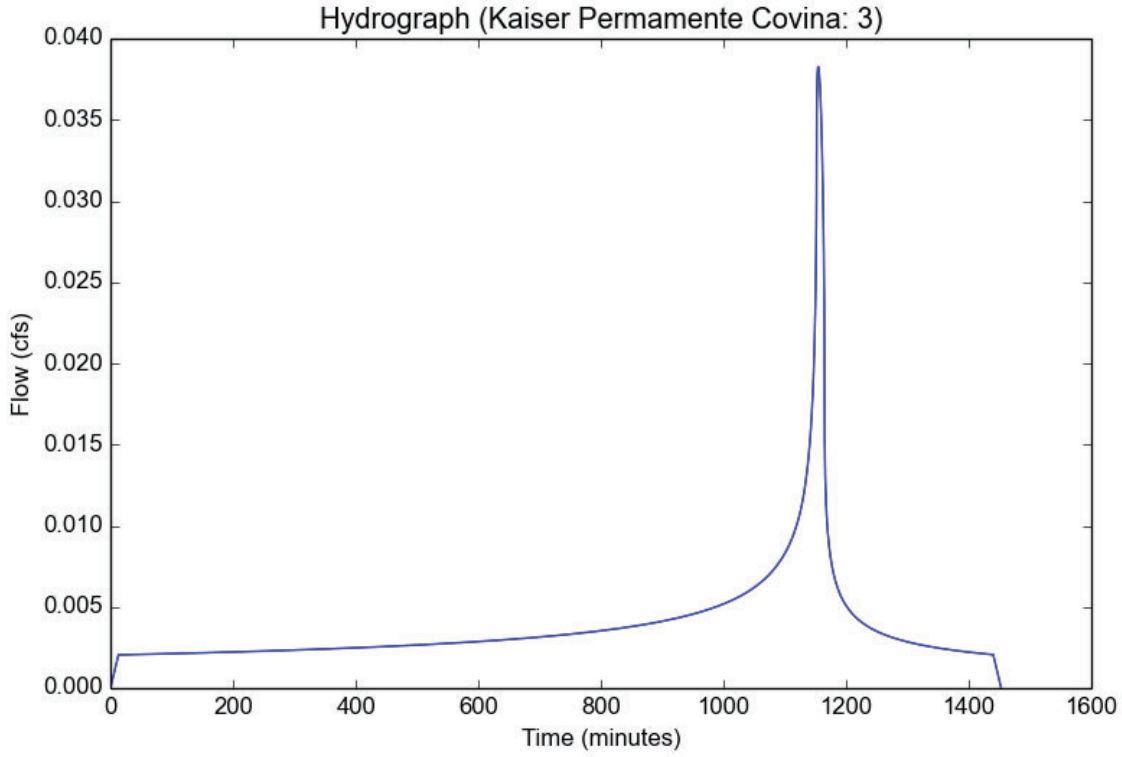
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	3
Area (ac)	0.12048477
Flow Path Length (ft)	198.8992
Flow Path Slope (vft/hft)	0.015
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.832887368
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.3808
Undeveloped Runoff Coefficient (Cu)	0.5059
Developed Runoff Coefficient (Cd)	0.8341
Time of Concentration (min)	13.0
Clear Peak Flow Rate (cfs)	0.0383
Burned Peak Flow Rate (cfs)	0.0383
24-Hr Clear Runoff Volume (ac-ft)	0.0077
24-Hr Clear Runoff Volume (cu-ft)	335.0883



Peak Flow Hydrologic Analysis

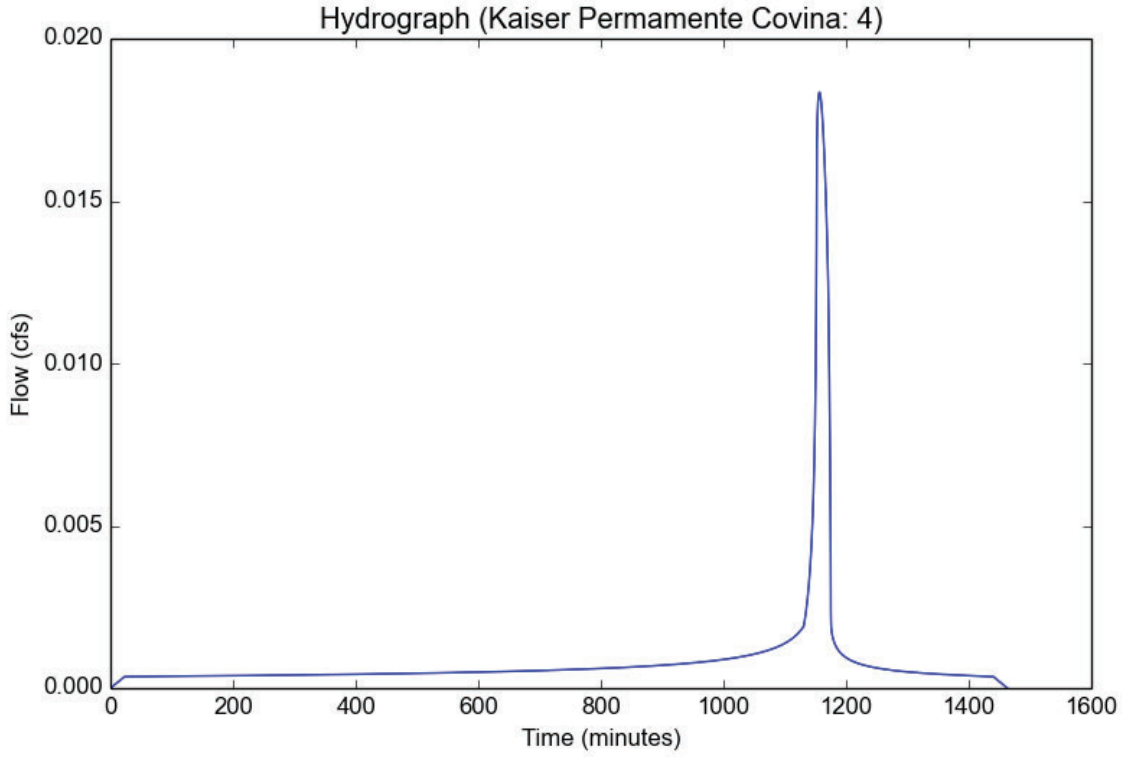
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	4
Area (ac)	0.147296322
Flow Path Length (ft)	298.7834
Flow Path Slope (vft/hft)	0.032
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.2912
Undeveloped Runoff Coefficient (Cu)	0.4229
Developed Runoff Coefficient (Cd)	0.4277
Time of Concentration (min)	23.0
Clear Peak Flow Rate (cfs)	0.0183
Burned Peak Flow Rate (cfs)	0.0183
24-Hr Clear Runoff Volume (ac-ft)	0.0017
24-Hr Clear Runoff Volume (cu-ft)	75.4781



Peak Flow Hydrologic Analysis

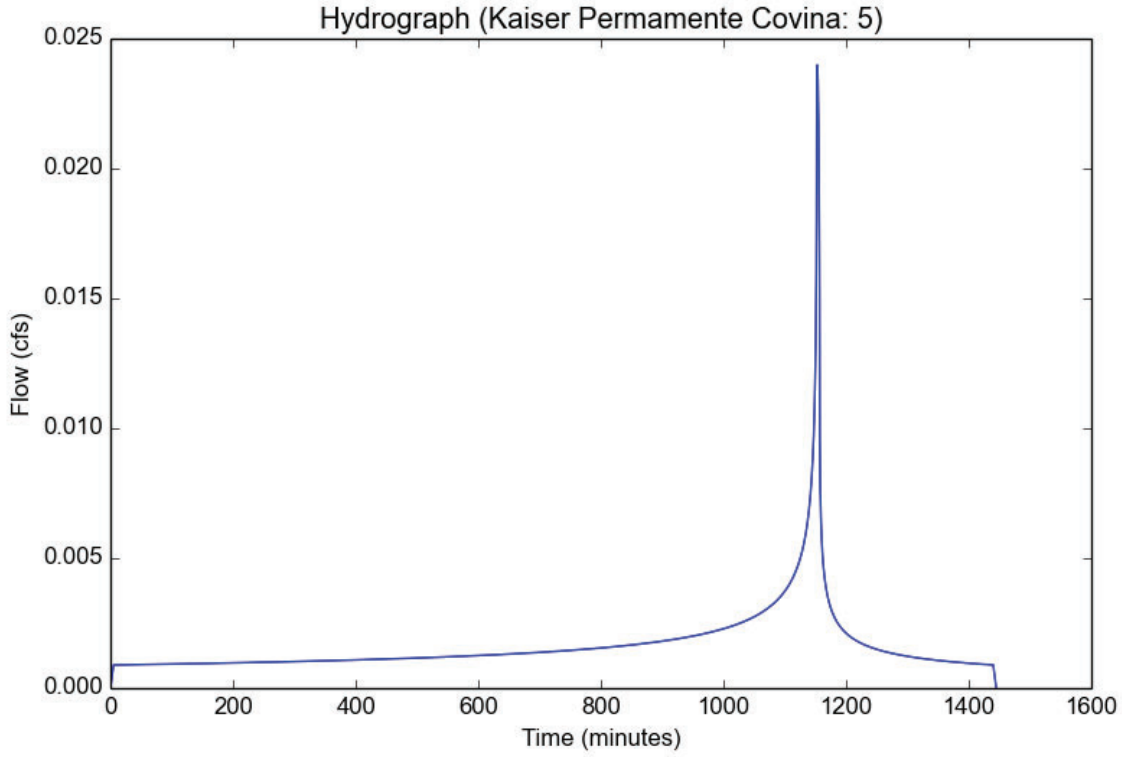
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	5
Area (ac)	0.044671258
Flow Path Length (ft)	35.87
Flow Path Slope (vft/hft)	0.006
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.024
Burned Peak Flow Rate (cfs)	0.024
24-Hr Clear Runoff Volume (ac-ft)	0.0033
24-Hr Clear Runoff Volume (cu-ft)	144.7349



Peak Flow Hydrologic Analysis

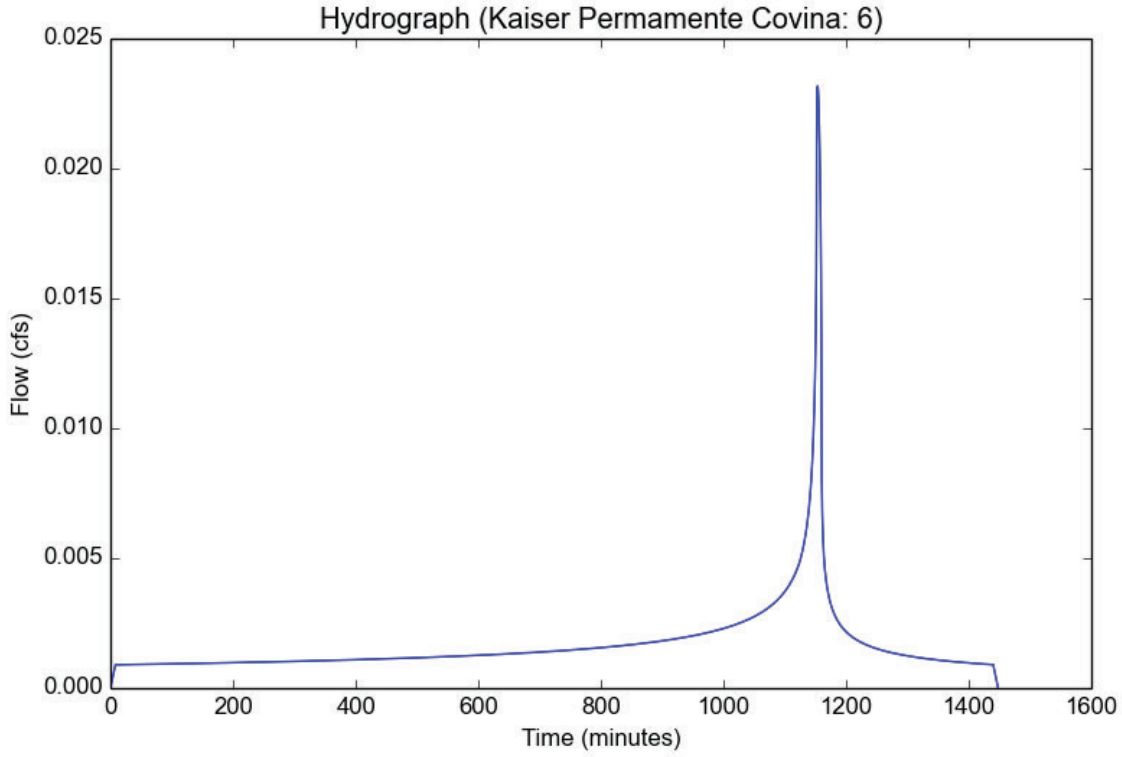
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	6
Area (ac)	0.060415216
Flow Path Length (ft)	68.9418
Flow Path Slope (vft/hft)	0.005
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.714391013
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.8017
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.0232
Burned Peak Flow Rate (cfs)	0.0232
24-Hr Clear Runoff Volume (ac-ft)	0.0034
24-Hr Clear Runoff Volume (cu-ft)	148.4361



Peak Flow Hydrologic Analysis

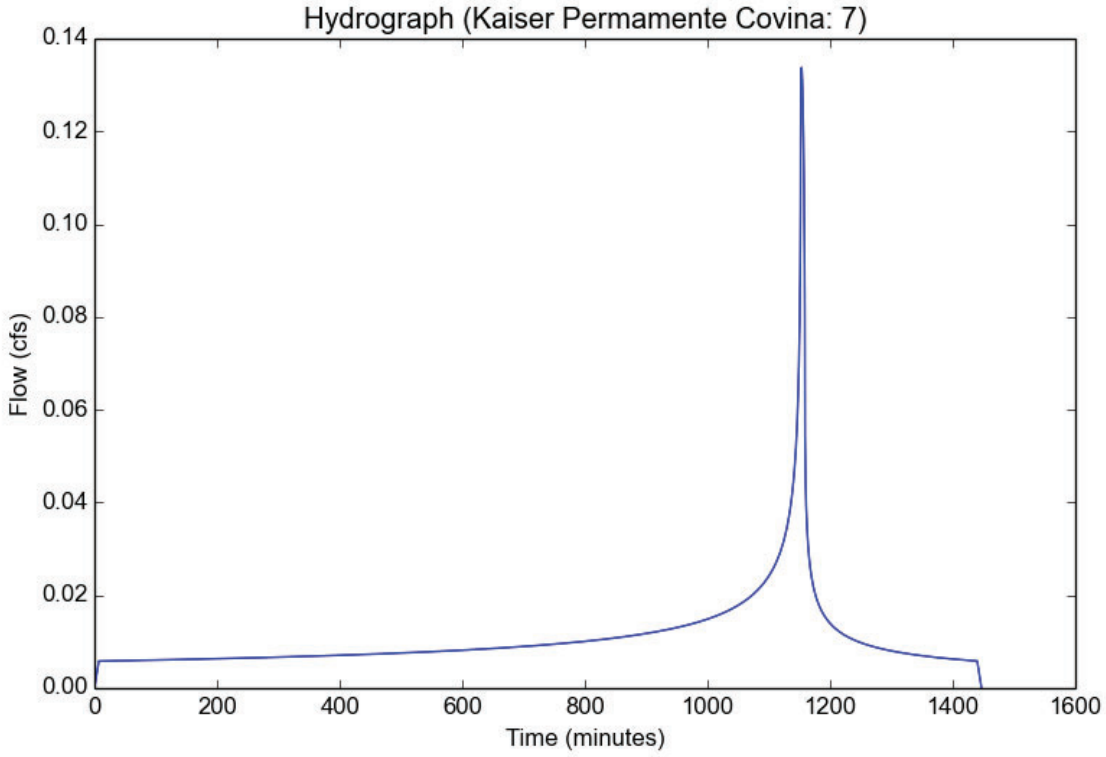
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	7
Area (ac)	0.291795471
Flow Path Length (ft)	100.8542
Flow Path Slope (vft/hft)	0.02
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5094
Undeveloped Runoff Coefficient (Cu)	0.5684
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	7.0
Clear Peak Flow Rate (cfs)	0.1338
Burned Peak Flow Rate (cfs)	0.1338
24-Hr Clear Runoff Volume (ac-ft)	0.0217
24-Hr Clear Runoff Volume (cu-ft)	945.4179



Peak Flow Hydrologic Analysis

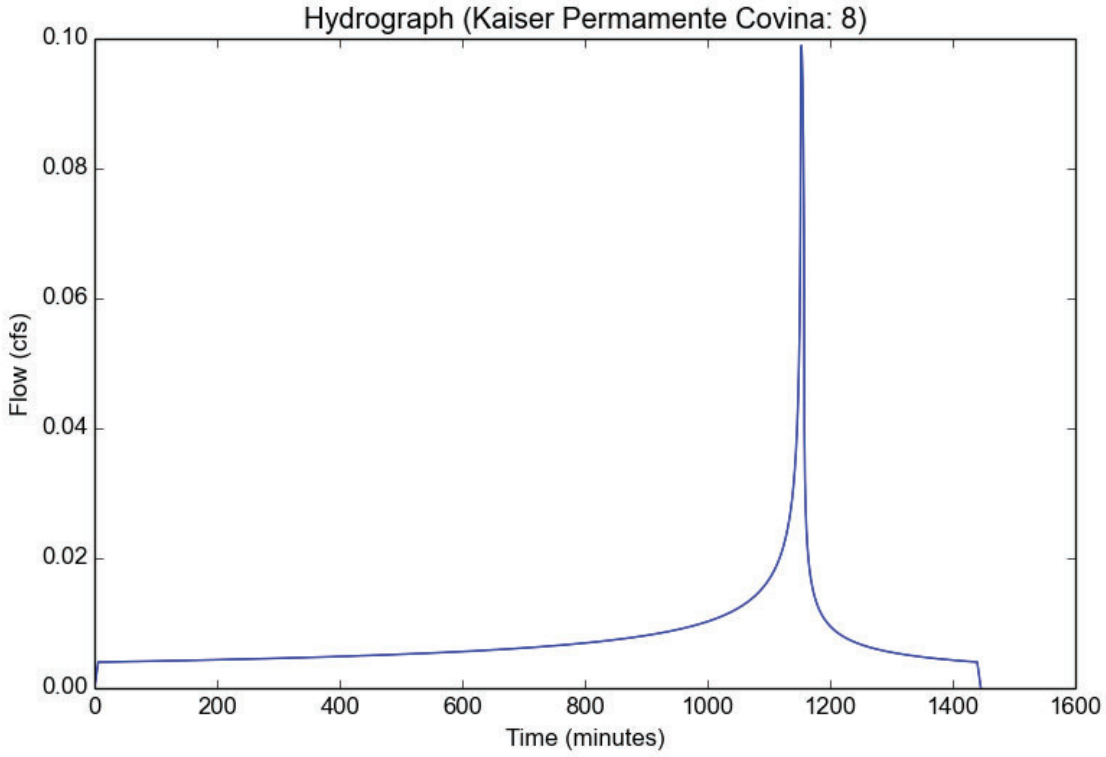
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	8
Area (ac)	0.200706288
Flow Path Length (ft)	66.1475
Flow Path Slope (vft/hft)	0.02
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5476
Undeveloped Runoff Coefficient (Cu)	0.5841
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	6.0
Clear Peak Flow Rate (cfs)	0.0989
Burned Peak Flow Rate (cfs)	0.0989
24-Hr Clear Runoff Volume (ac-ft)	0.0149
24-Hr Clear Runoff Volume (cu-ft)	650.2887



Peak Flow Hydrologic Analysis

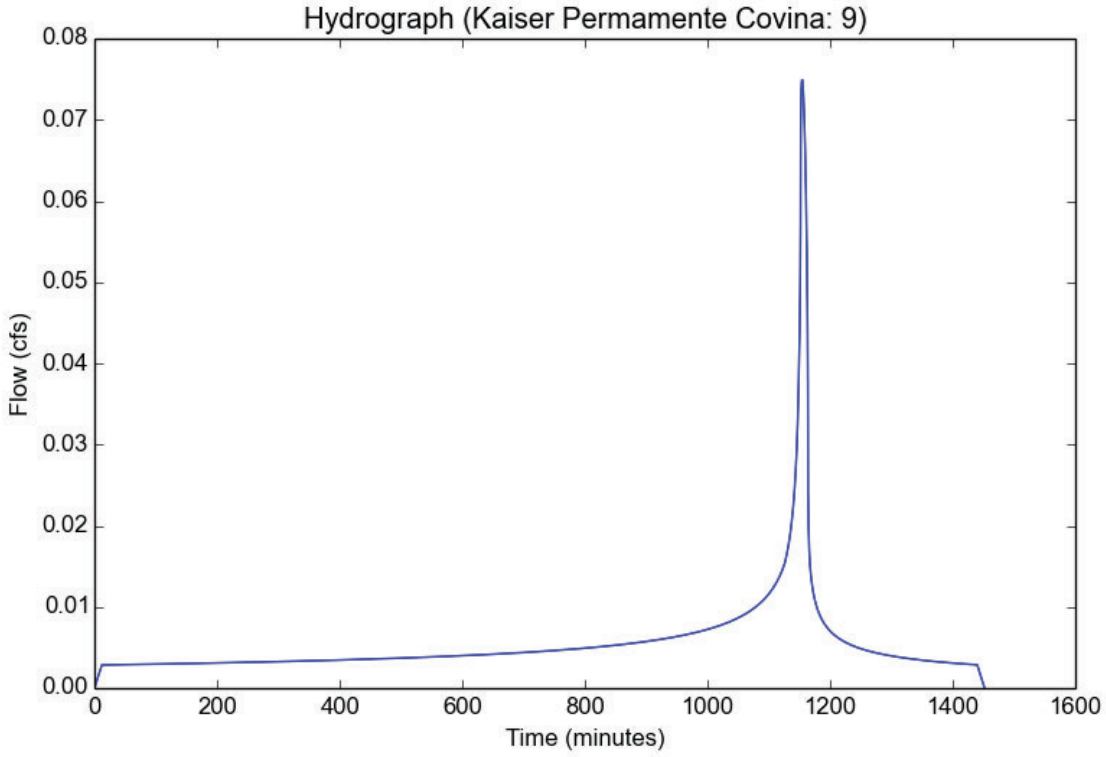
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	9
Area (ac)	0.272054637
Flow Path Length (ft)	191.7091
Flow Path Slope (vft/hft)	0.04
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.465934502
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.3954
Undeveloped Runoff Coefficient (Cu)	0.5194
Developed Runoff Coefficient (Cd)	0.6967
Time of Concentration (min)	12.0
Clear Peak Flow Rate (cfs)	0.0749
Burned Peak Flow Rate (cfs)	0.0749
24-Hr Clear Runoff Volume (ac-ft)	0.0111
24-Hr Clear Runoff Volume (cu-ft)	482.7212



Peak Flow Hydrologic Analysis

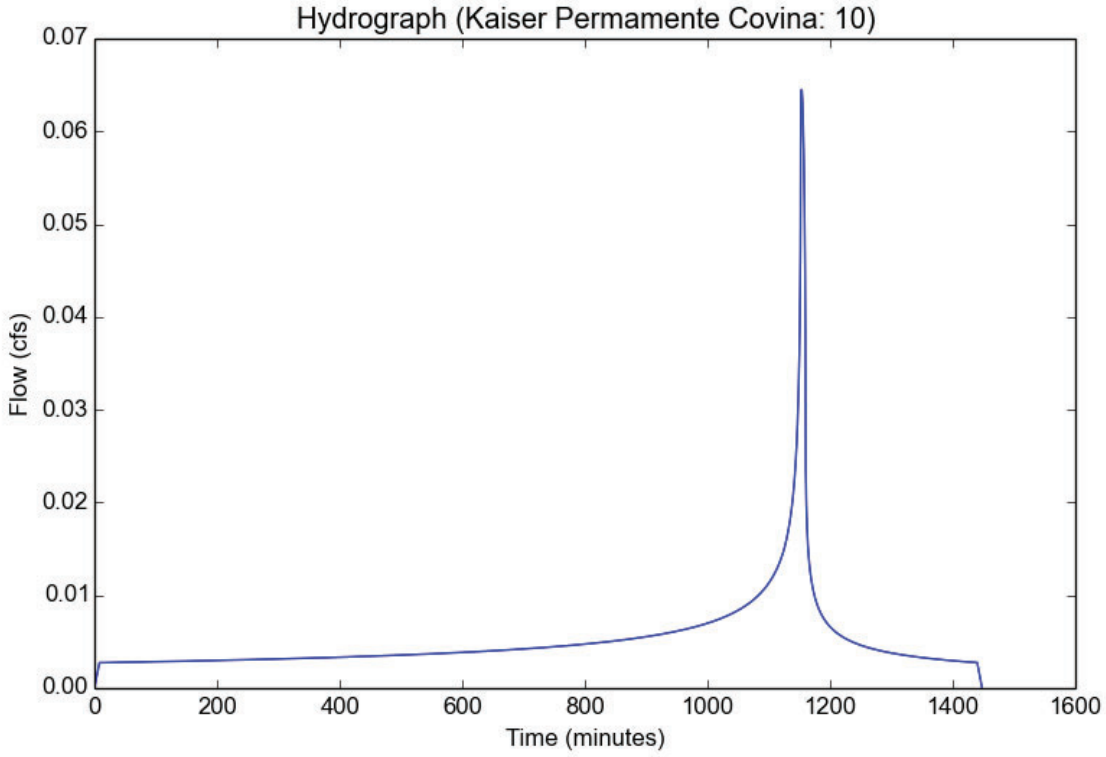
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	10
Area (ac)	0.15920888
Flow Path Length (ft)	126.1178
Flow Path Slope (vft/hft)	0.038
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.845655202
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.8469
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.0645
Burned Peak Flow Rate (cfs)	0.0645
24-Hr Clear Runoff Volume (ac-ft)	0.0103
24-Hr Clear Runoff Volume (cu-ft)	448.4638



Peak Flow Hydrologic Analysis

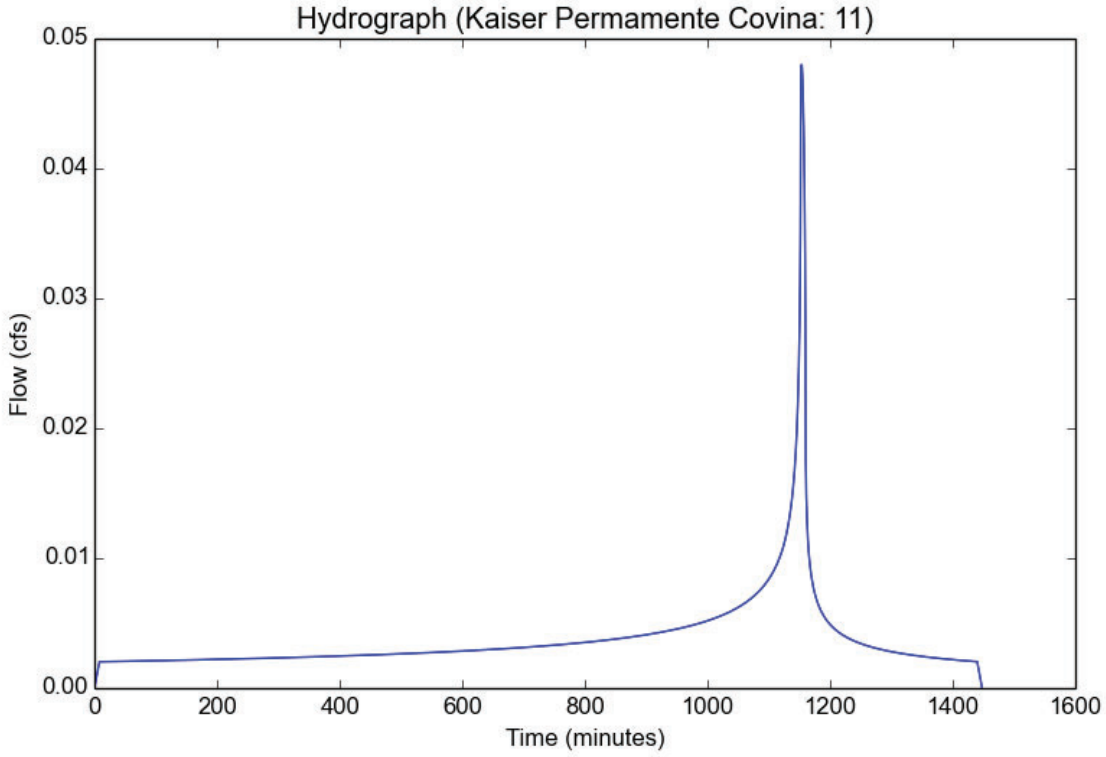
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	11
Area (ac)	0.118741506
Flow Path Length (ft)	133.2953
Flow Path Slope (vft/hft)	0.033
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.83977898
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.8448
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.048
Burned Peak Flow Rate (cfs)	0.048
24-Hr Clear Runoff Volume (ac-ft)	0.0076
24-Hr Clear Runoff Volume (cu-ft)	332.5612



Peak Flow Hydrologic Analysis

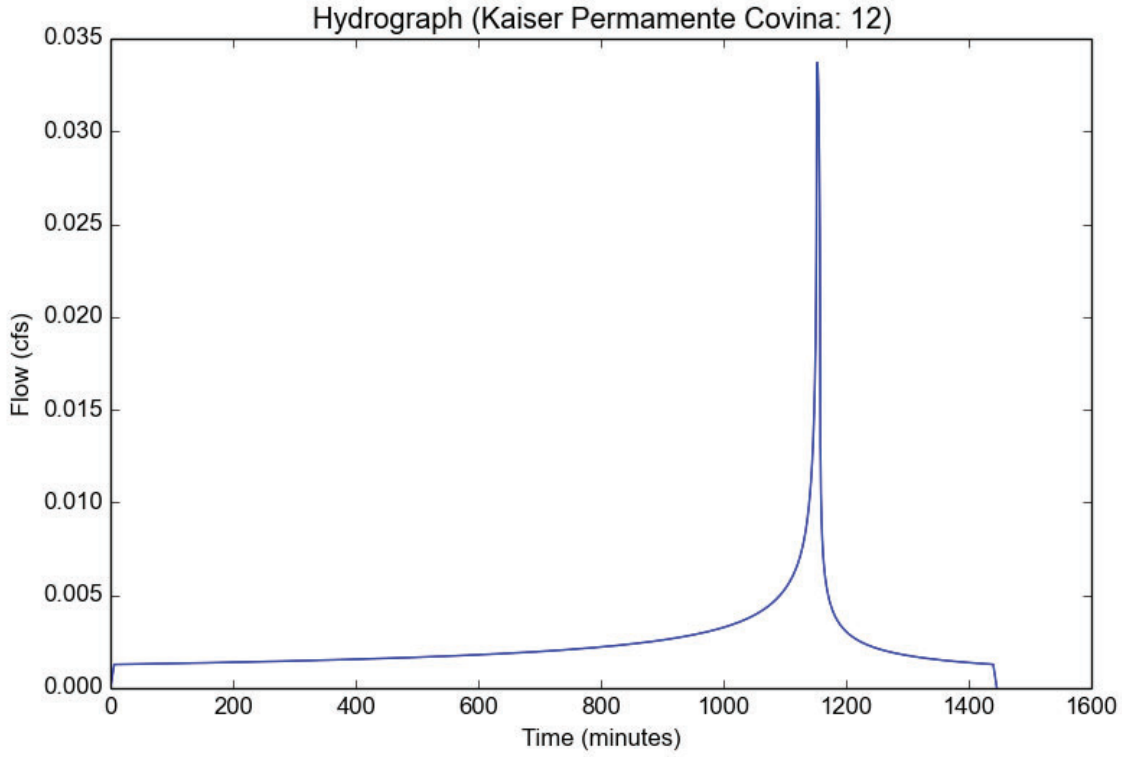
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	12
Area (ac)	0.071196869
Flow Path Length (ft)	97.4934
Flow Path Slope (vft/hft)	0.049
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.887299459
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5476
Undeveloped Runoff Coefficient (Cu)	0.5841
Developed Runoff Coefficient (Cd)	0.8644
Time of Concentration (min)	6.0
Clear Peak Flow Rate (cfs)	0.0337
Burned Peak Flow Rate (cfs)	0.0337
24-Hr Clear Runoff Volume (ac-ft)	0.0048
24-Hr Clear Runoff Volume (cu-ft)	208.6876



Peak Flow Hydrologic Analysis

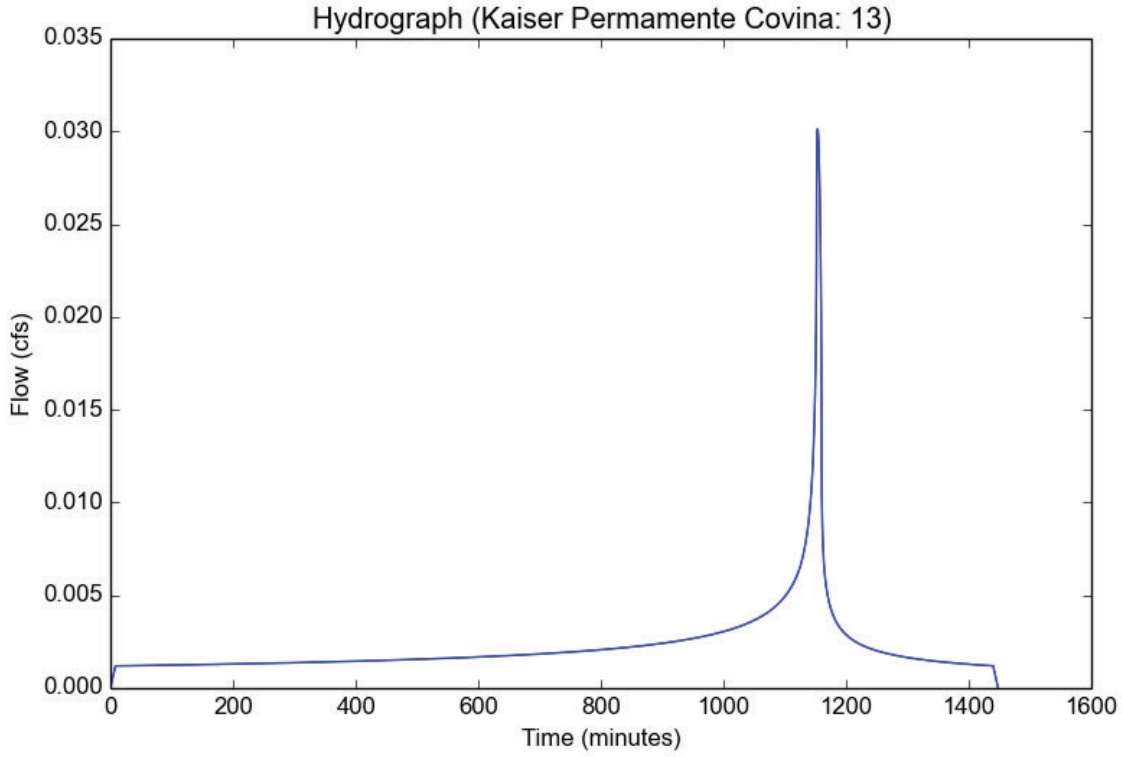
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	13
Area (ac)	0.077616214
Flow Path Length (ft)	121.7671
Flow Path Slope (vft/hft)	0.037
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.74255581
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.8114
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.0301
Burned Peak Flow Rate (cfs)	0.0301
24-Hr Clear Runoff Volume (ac-ft)	0.0045
24-Hr Clear Runoff Volume (cu-ft)	196.6914



Peak Flow Hydrologic Analysis

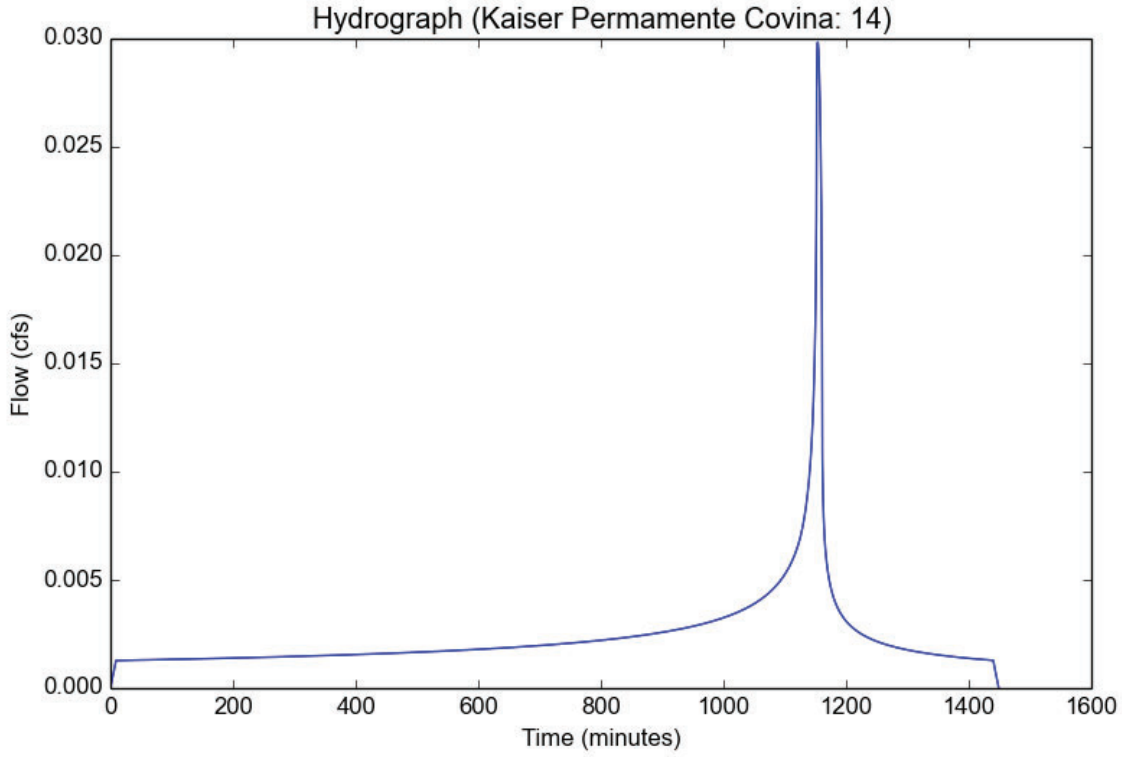
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	14
Area (ac)	0.080614339
Flow Path Length (ft)	142.3383
Flow Path Slope (vft/hft)	0.035
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.767615031
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4526
Undeveloped Runoff Coefficient (Cu)	0.5452
Developed Runoff Coefficient (Cd)	0.8176
Time of Concentration (min)	9.0
Clear Peak Flow Rate (cfs)	0.0298
Burned Peak Flow Rate (cfs)	0.0298
24-Hr Clear Runoff Volume (ac-ft)	0.0048
24-Hr Clear Runoff Volume (cu-ft)	209.8196



Peak Flow Hydrologic Analysis

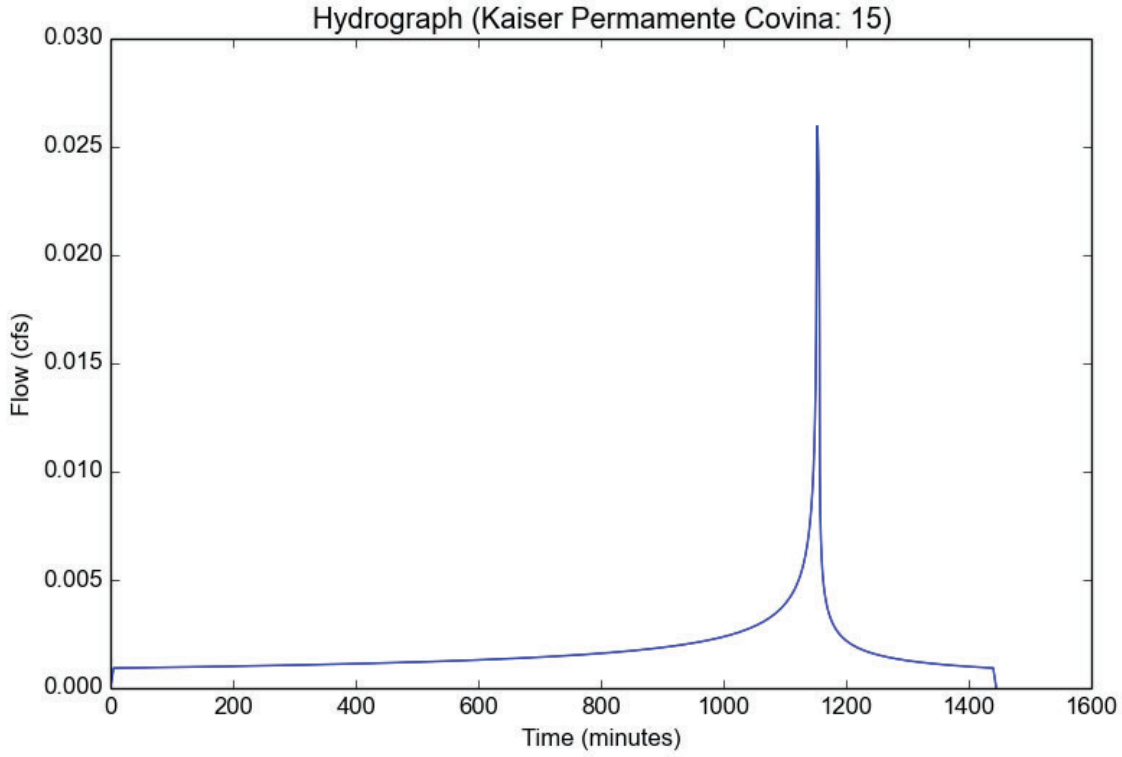
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	15
Area (ac)	0.049473225
Flow Path Length (ft)	70.9429
Flow Path Slope (vft/hft)	0.035
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.930176914
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.8793
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.026
Burned Peak Flow Rate (cfs)	0.026
24-Hr Clear Runoff Volume (ac-ft)	0.0035
24-Hr Clear Runoff Volume (cu-ft)	150.8294



Peak Flow Hydrologic Analysis

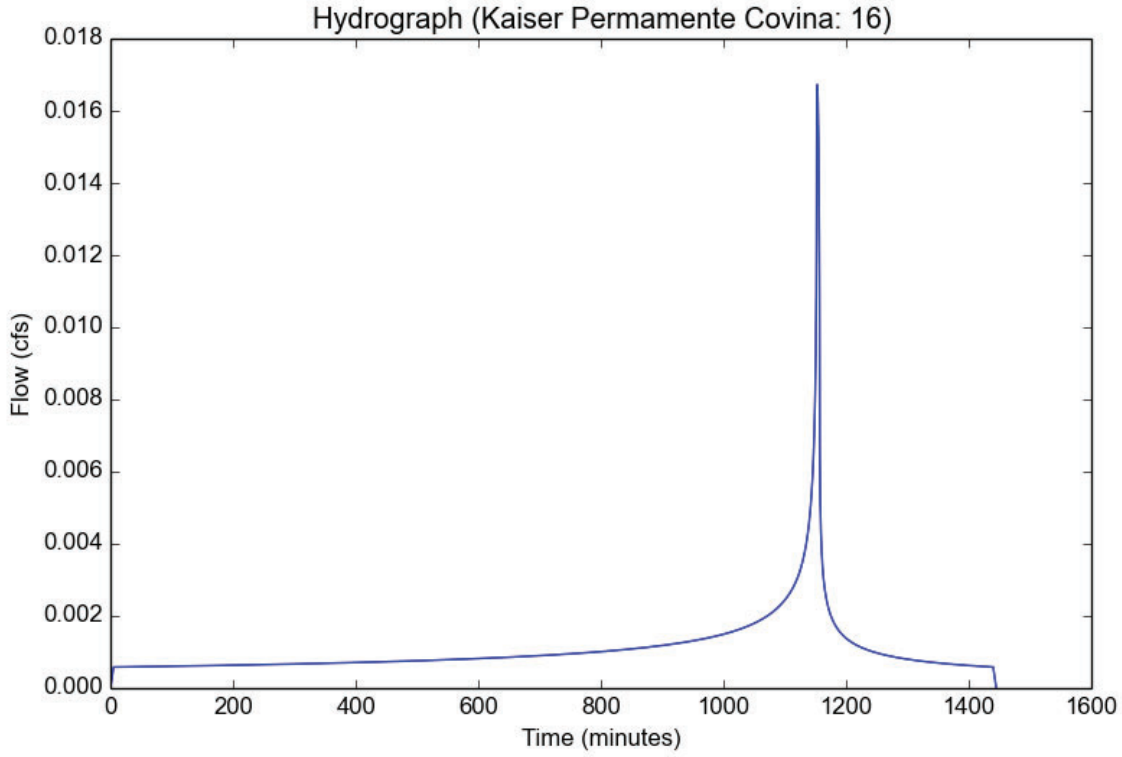
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	16
Area (ac)	0.03228166
Flow Path Length (ft)	45.35
Flow Path Slope (vft/hft)	0.034
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.893112811
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.8684
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0167
Burned Peak Flow Rate (cfs)	0.0167
24-Hr Clear Runoff Volume (ac-ft)	0.0022
24-Hr Clear Runoff Volume (cu-ft)	95.1394



Peak Flow Hydrologic Analysis

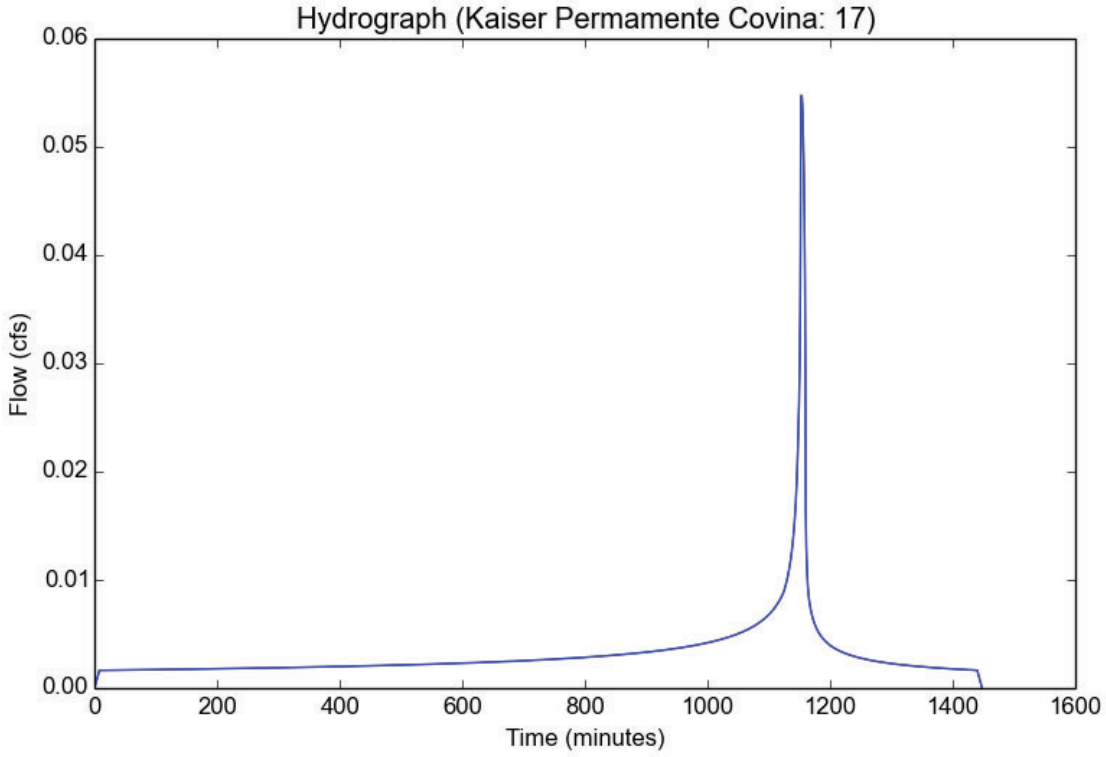
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	17
Area (ac)	0.161064401
Flow Path Length (ft)	133.9476
Flow Path Slope (vft/hft)	0.098
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.449768516
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.7106
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.0547
Burned Peak Flow Rate (cfs)	0.0547
24-Hr Clear Runoff Volume (ac-ft)	0.0064
24-Hr Clear Runoff Volume (cu-ft)	278.8671



Peak Flow Hydrologic Analysis

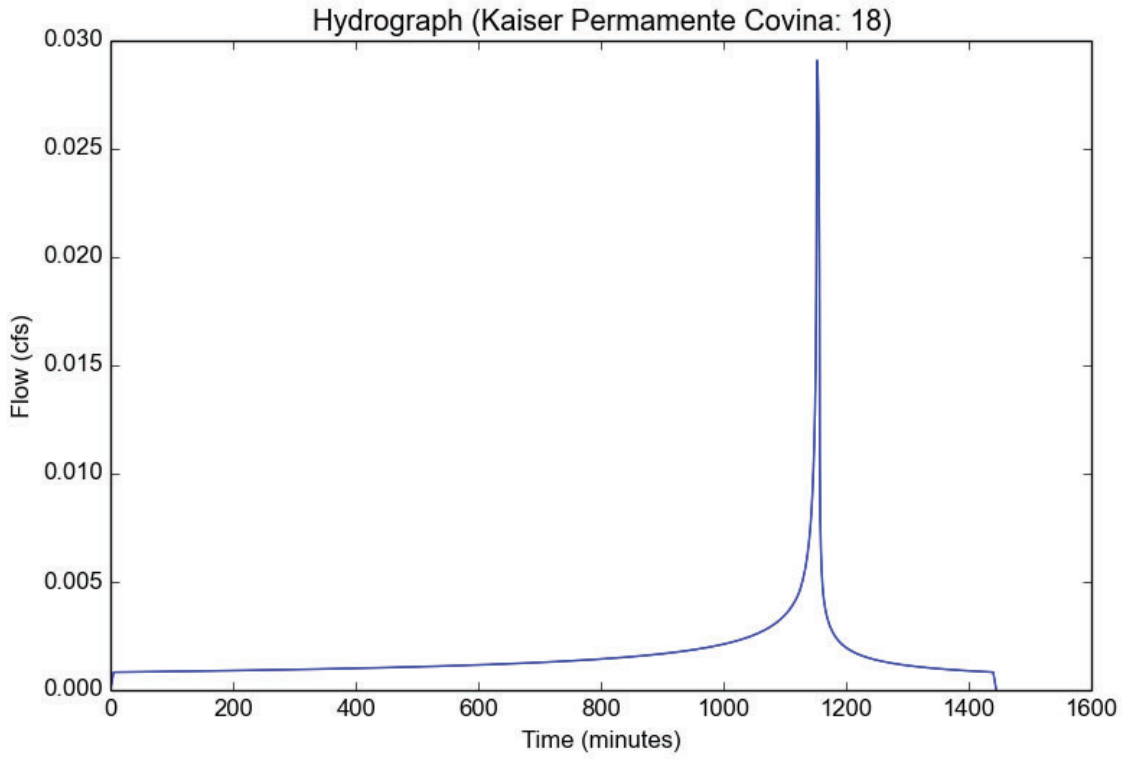
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	18
Area (ac)	0.061582693
Flow Path Length (ft)	81.5598
Flow Path Slope (vft/hft)	0.13
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.632873534
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.7914
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0291
Burned Peak Flow Rate (cfs)	0.0291
24-Hr Clear Runoff Volume (ac-ft)	0.0032
24-Hr Clear Runoff Volume (cu-ft)	137.5876



Peak Flow Hydrologic Analysis

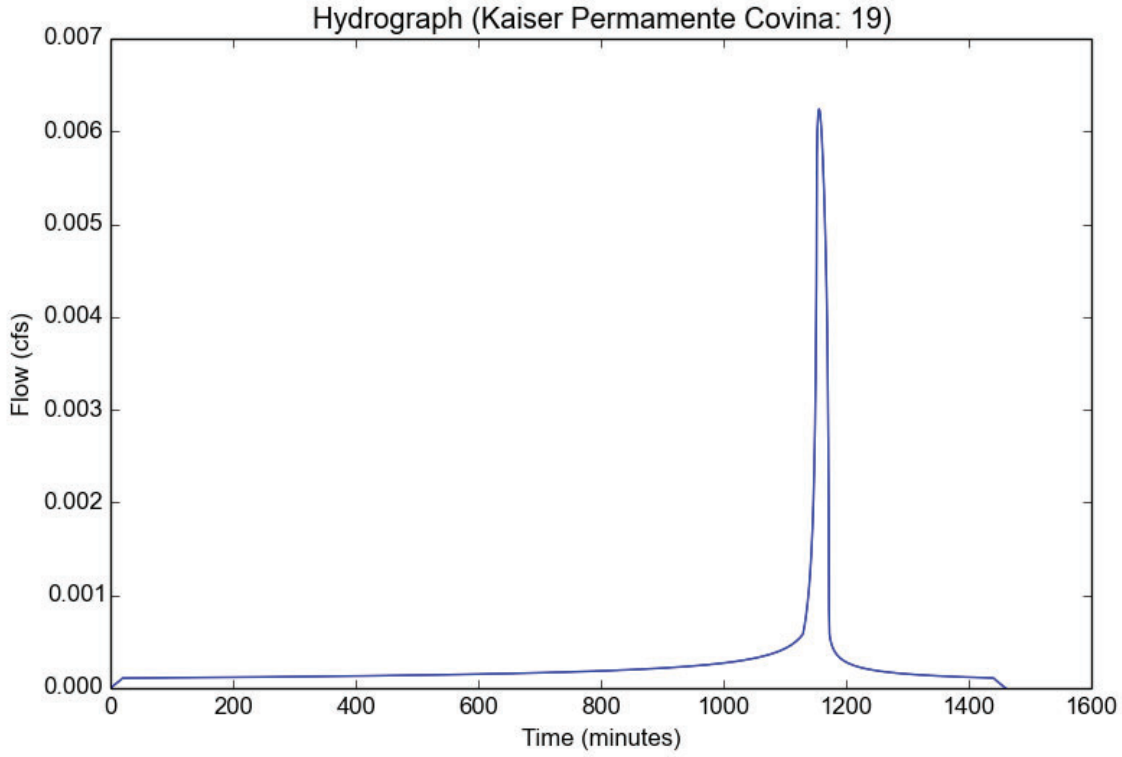
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	19
Area (ac)	0.044996274
Flow Path Length (ft)	195.2247
Flow Path Slope (vft/hft)	0.011
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.311
Undeveloped Runoff Coefficient (Cu)	0.4412
Developed Runoff Coefficient (Cd)	0.4458
Time of Concentration (min)	20.0
Clear Peak Flow Rate (cfs)	0.0062
Burned Peak Flow Rate (cfs)	0.0062
24-Hr Clear Runoff Volume (ac-ft)	0.0005
24-Hr Clear Runoff Volume (cu-ft)	23.1634



Peak Flow Hydrologic Analysis

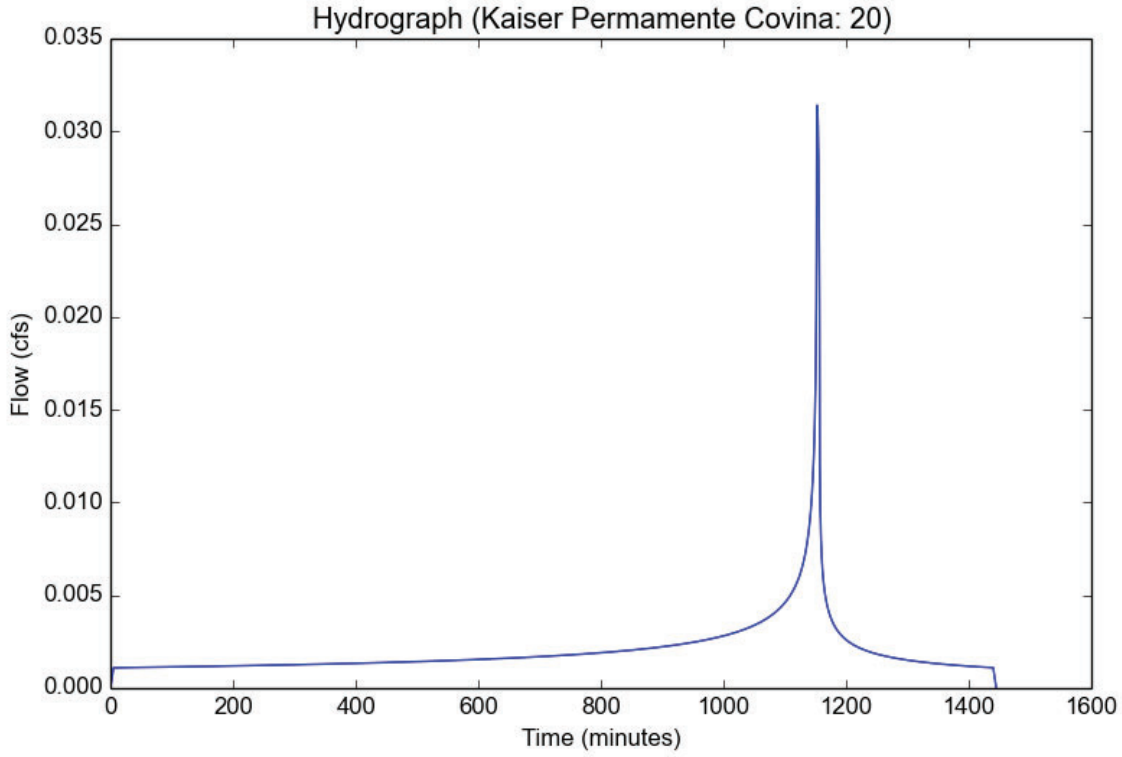
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	20
Area (ac)	0.060505232
Flow Path Length (ft)	58.25
Flow Path Slope (vft/hft)	0.045
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.898389817
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.8699
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0314
Burned Peak Flow Rate (cfs)	0.0314
24-Hr Clear Runoff Volume (ac-ft)	0.0041
24-Hr Clear Runoff Volume (cu-ft)	179.1936



Peak Flow Hydrologic Analysis

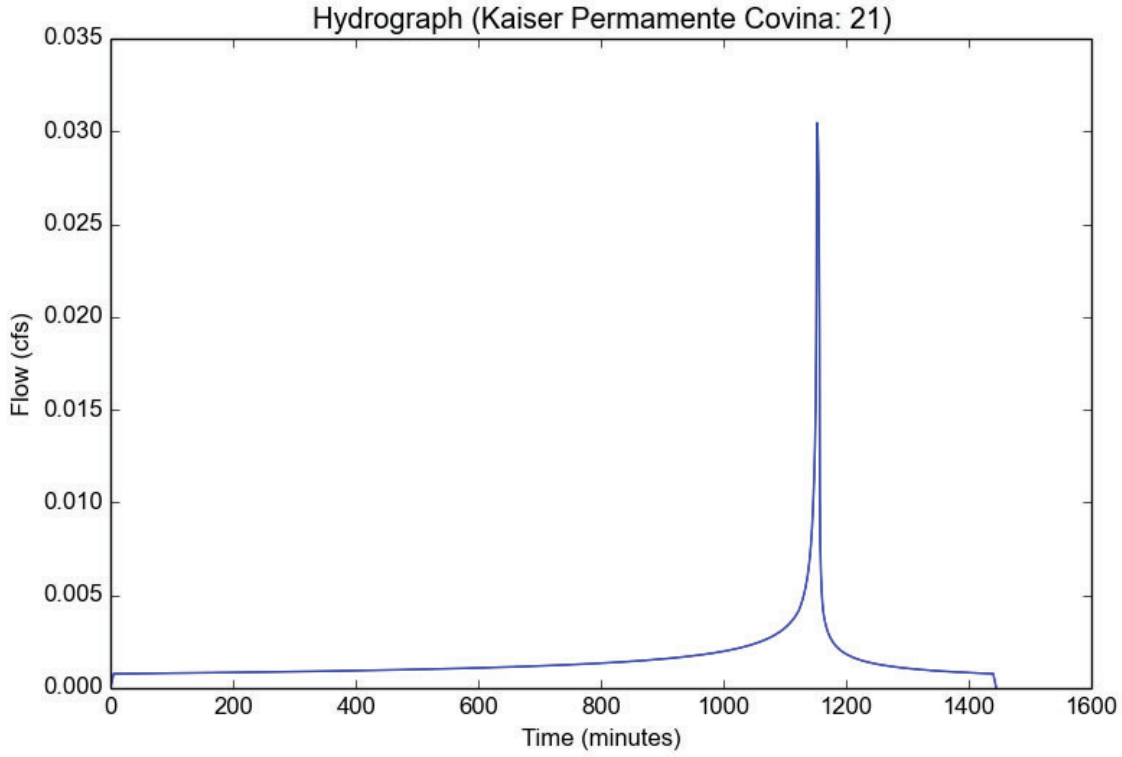
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	21
Area (ac)	0.067249757
Flow Path Length (ft)	50.6117
Flow Path Slope (vft/hft)	0.026
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.523912274
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.7591
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0305
Burned Peak Flow Rate (cfs)	0.0305
24-Hr Clear Runoff Volume (ac-ft)	0.003
24-Hr Clear Runoff Volume (cu-ft)	130.1736



Peak Flow Hydrologic Analysis

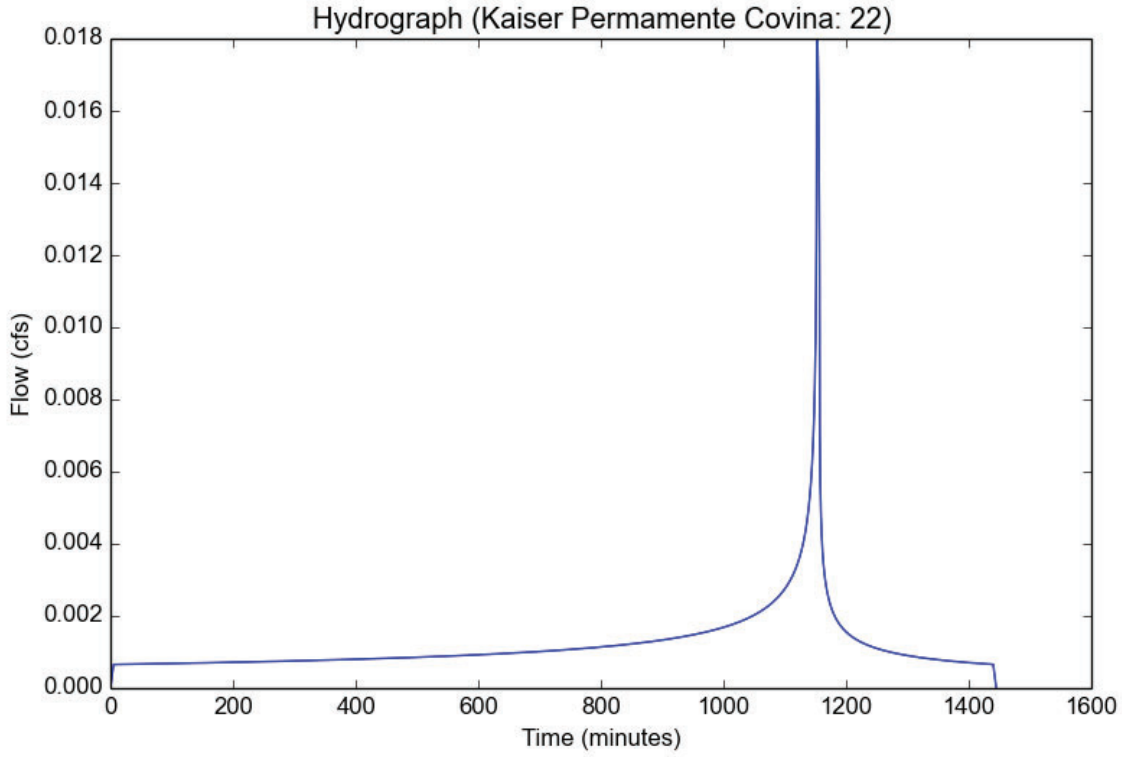
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	22
Area (ac)	0.033856419
Flow Path Length (ft)	71.1815
Flow Path Slope (vft/hft)	0.054
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.969502347
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.891
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.018
Burned Peak Flow Rate (cfs)	0.018
24-Hr Clear Runoff Volume (ac-ft)	0.0025
24-Hr Clear Runoff Volume (cu-ft)	106.866



Peak Flow Hydrologic Analysis

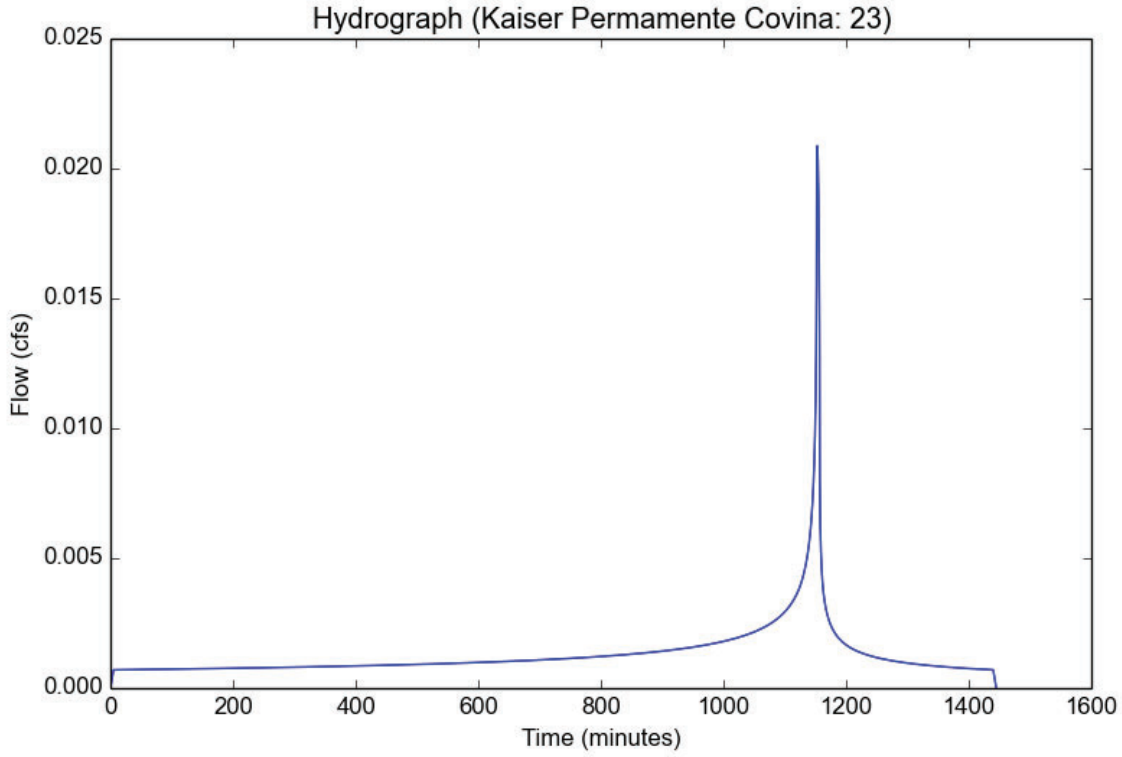
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	23
Area (ac)	0.041042681
Flow Path Length (ft)	70.9625
Flow Path Slope (vft/hft)	0.045
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.839177642
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.8524
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0209
Burned Peak Flow Rate (cfs)	0.0209
24-Hr Clear Runoff Volume (ac-ft)	0.0026
24-Hr Clear Runoff Volume (cu-ft)	114.8949



Peak Flow Hydrologic Analysis

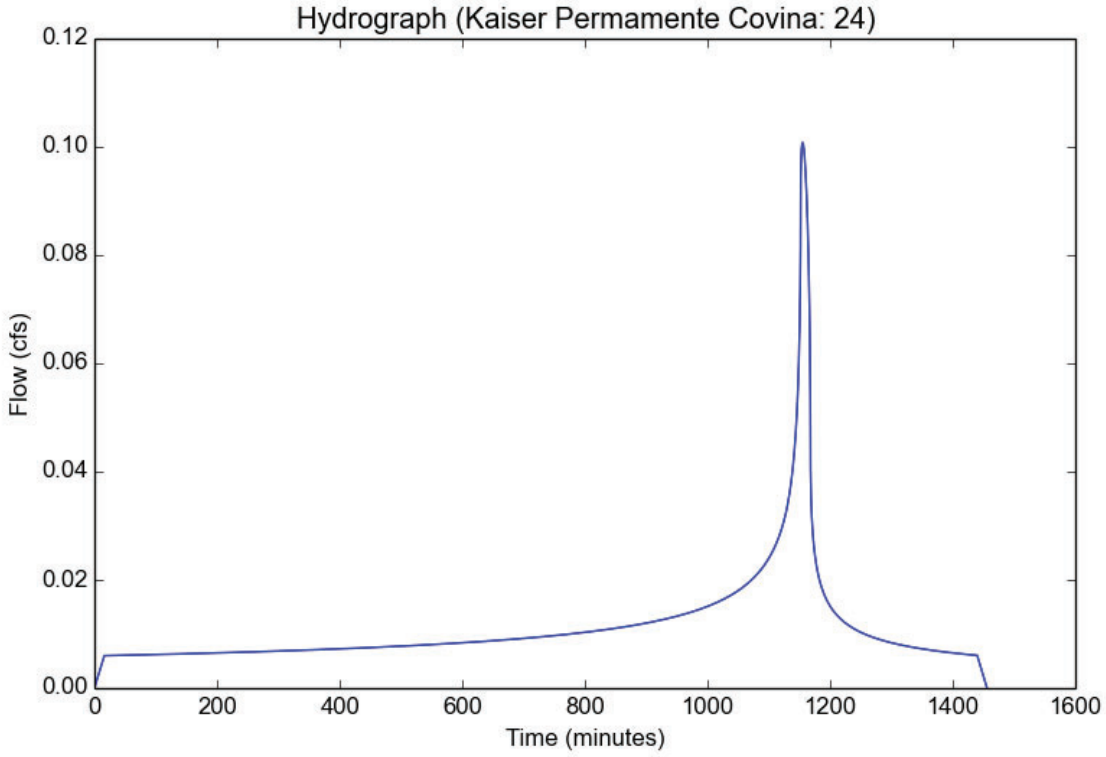
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	24
Area (ac)	0.351948577
Flow Path Length (ft)	127.8435
Flow Path Slope (vft/hft)	0.001
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.834196348
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.3454
Undeveloped Runoff Coefficient (Cu)	0.4731
Developed Runoff Coefficient (Cd)	0.8292
Time of Concentration (min)	16.0
Clear Peak Flow Rate (cfs)	0.1008
Burned Peak Flow Rate (cfs)	0.1008
24-Hr Clear Runoff Volume (ac-ft)	0.0225
24-Hr Clear Runoff Volume (cu-ft)	979.8934



Peak Flow Hydrologic Analysis

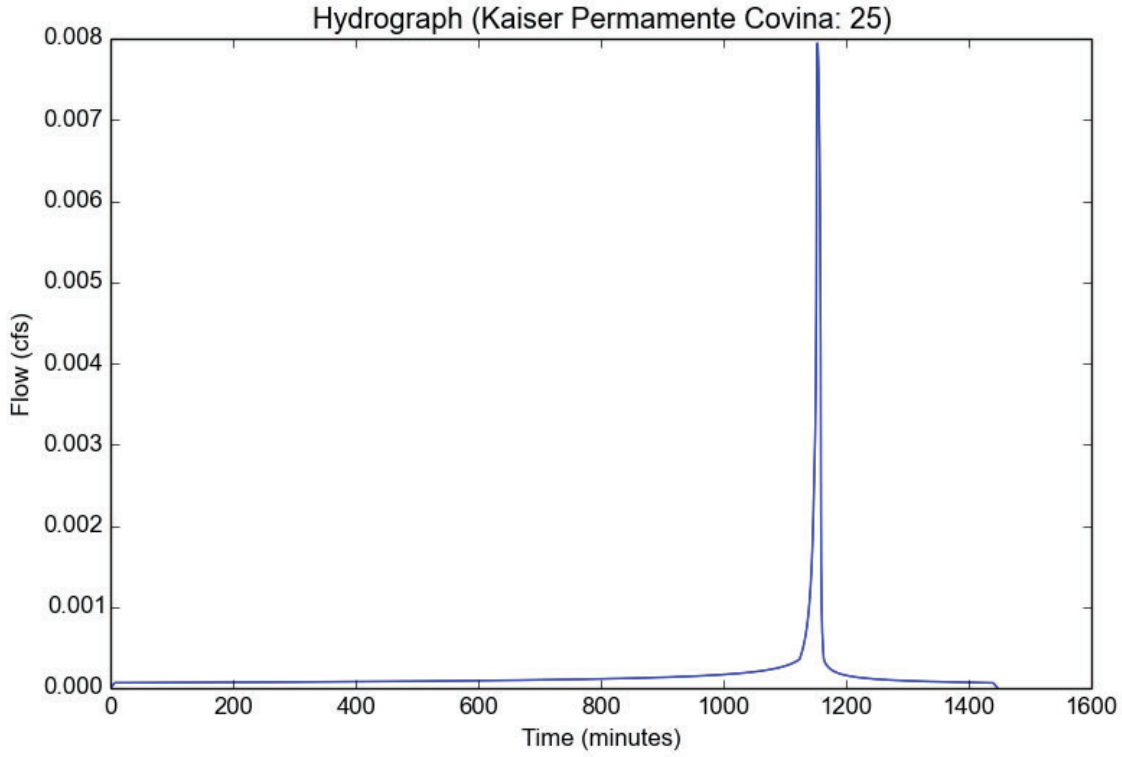
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	25
Area (ac)	0.027276201
Flow Path Length (ft)	79.54
Flow Path Slope (vft/hft)	0.064
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5094
Undeveloped Runoff Coefficient (Cu)	0.5684
Developed Runoff Coefficient (Cd)	0.5717
Time of Concentration (min)	7.0
Clear Peak Flow Rate (cfs)	0.0079
Burned Peak Flow Rate (cfs)	0.0079
24-Hr Clear Runoff Volume (ac-ft)	0.0003
24-Hr Clear Runoff Volume (cu-ft)	14.3519



Peak Flow Hydrologic Analysis

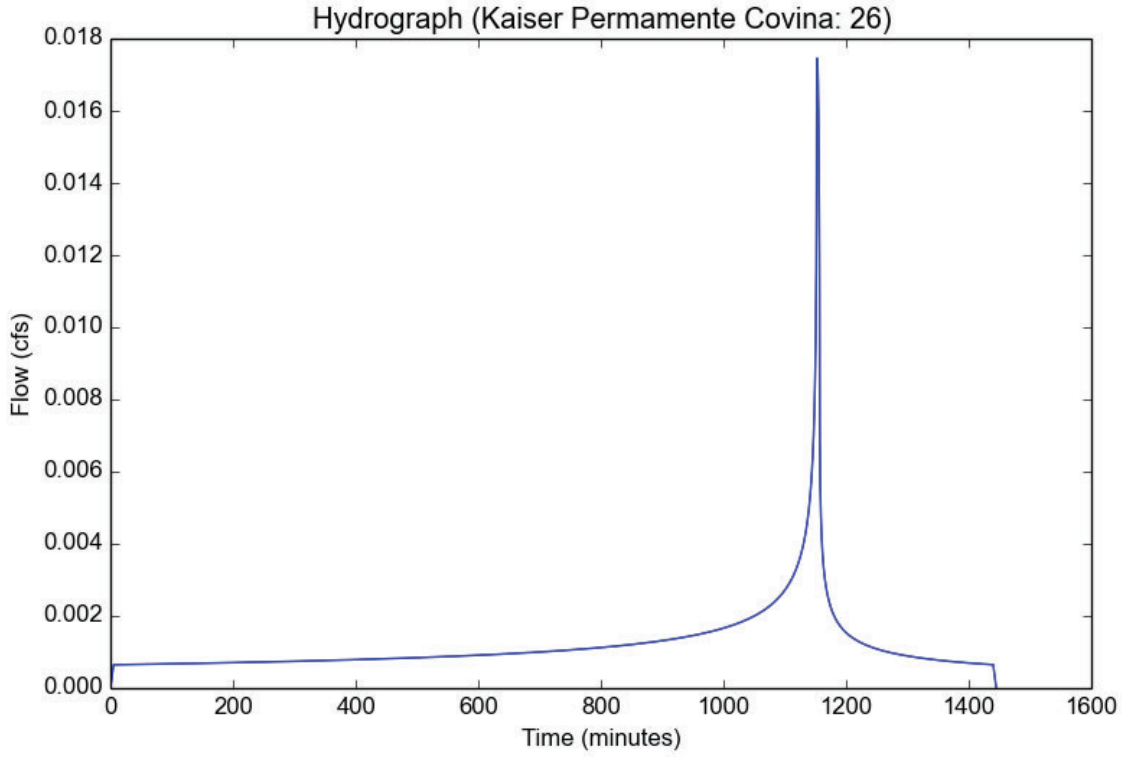
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	26
Area (ac)	0.032497183
Flow Path Length (ft)	52.82
Flow Path Slope (vft/hft)	0.046
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0174
Burned Peak Flow Rate (cfs)	0.0174
24-Hr Clear Runoff Volume (ac-ft)	0.0024
24-Hr Clear Runoff Volume (cu-ft)	105.2909



Peak Flow Hydrologic Analysis

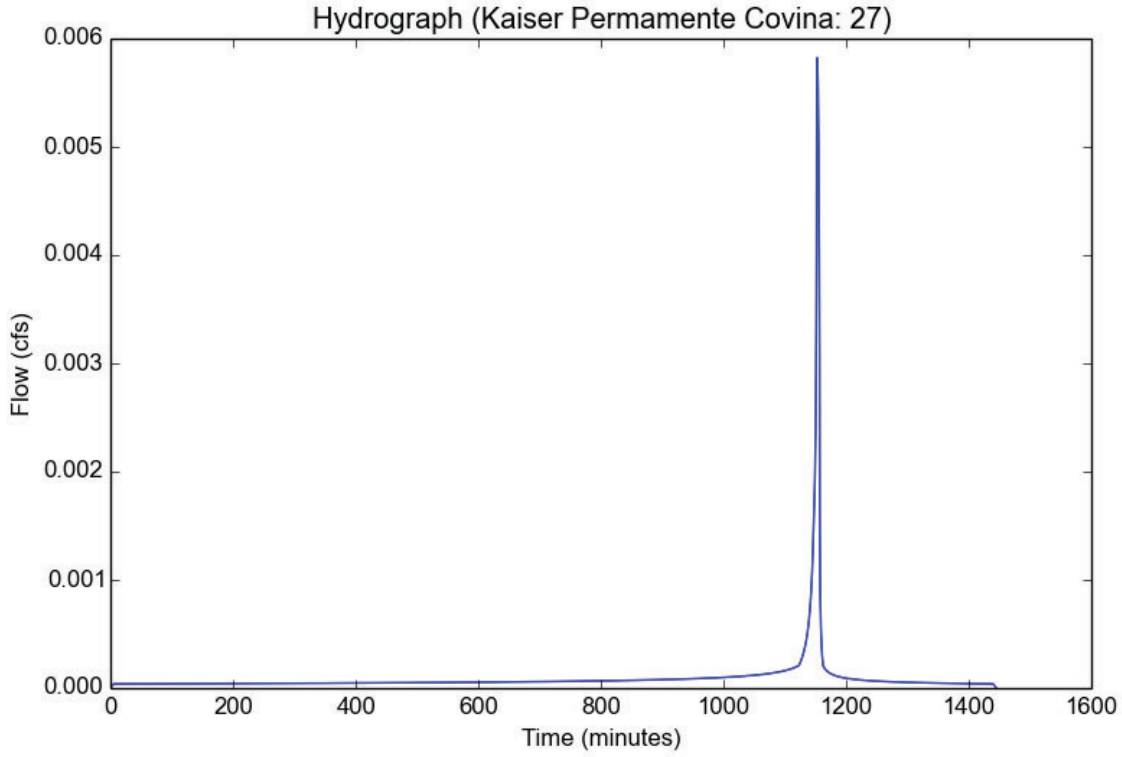
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	27
Area (ac)	0.016079539
Flow Path Length (ft)	55.16
Flow Path Slope (vft/hft)	0.076
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.6071
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0058
Burned Peak Flow Rate (cfs)	0.0058
24-Hr Clear Runoff Volume (ac-ft)	0.0002
24-Hr Clear Runoff Volume (cu-ft)	8.4855



Peak Flow Hydrologic Analysis

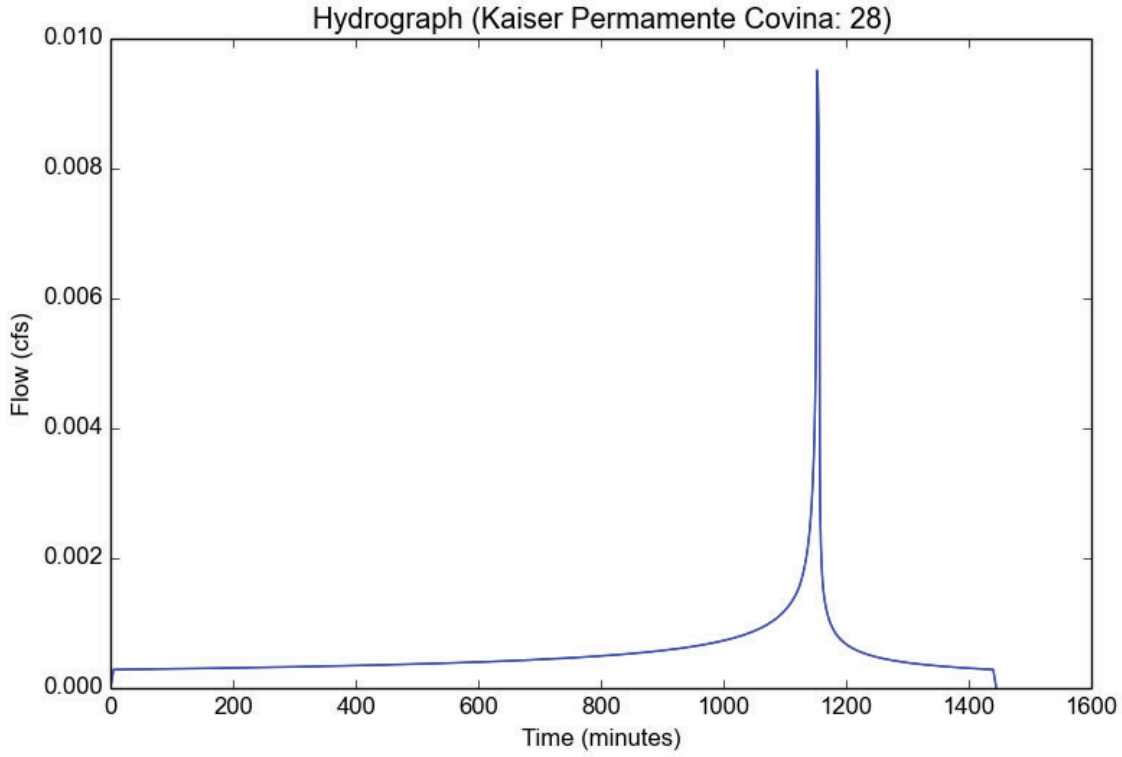
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	28
Area (ac)	0.019716084
Flow Path Length (ft)	35.6171
Flow Path Slope (vft/hft)	0.017
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.691011496
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.5966
Undeveloped Runoff Coefficient (Cu)	0.6041
Developed Runoff Coefficient (Cd)	0.8086
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.0095
Burned Peak Flow Rate (cfs)	0.0095
24-Hr Clear Runoff Volume (ac-ft)	0.0011
24-Hr Clear Runoff Volume (cu-ft)	47.1899



Peak Flow Hydrologic Analysis

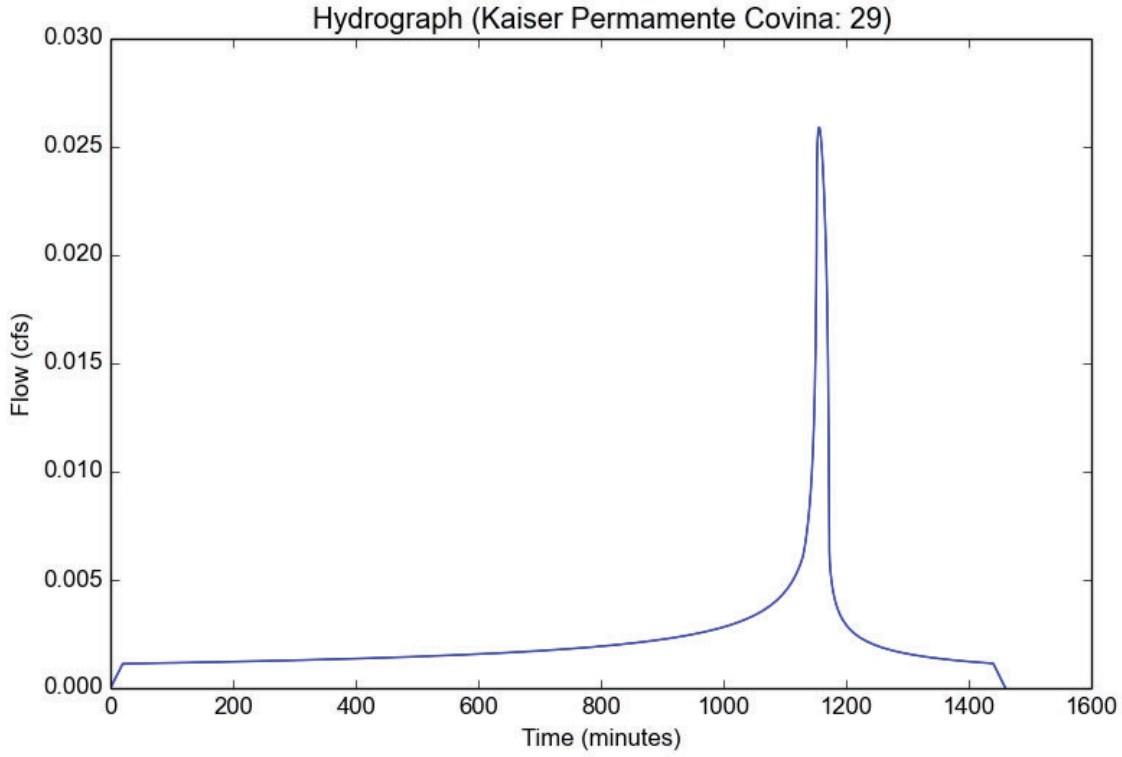
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permamente Covina Report-85TH-NO PERMEABLE-1.p
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permamente Covina
Subarea ID	29
Area (ac)	0.141147084
Flow Path Length (ft)	280.1598
Flow Path Slope (vft/hft)	0.017
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.324377806
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.311
Undeveloped Runoff Coefficient (Cu)	0.4412
Developed Runoff Coefficient (Cd)	0.5901
Time of Concentration (min)	20.0
Clear Peak Flow Rate (cfs)	0.0259
Burned Peak Flow Rate (cfs)	0.0259
24-Hr Clear Runoff Volume (ac-ft)	0.0045
24-Hr Clear Runoff Volume (cu-ft)	194.81

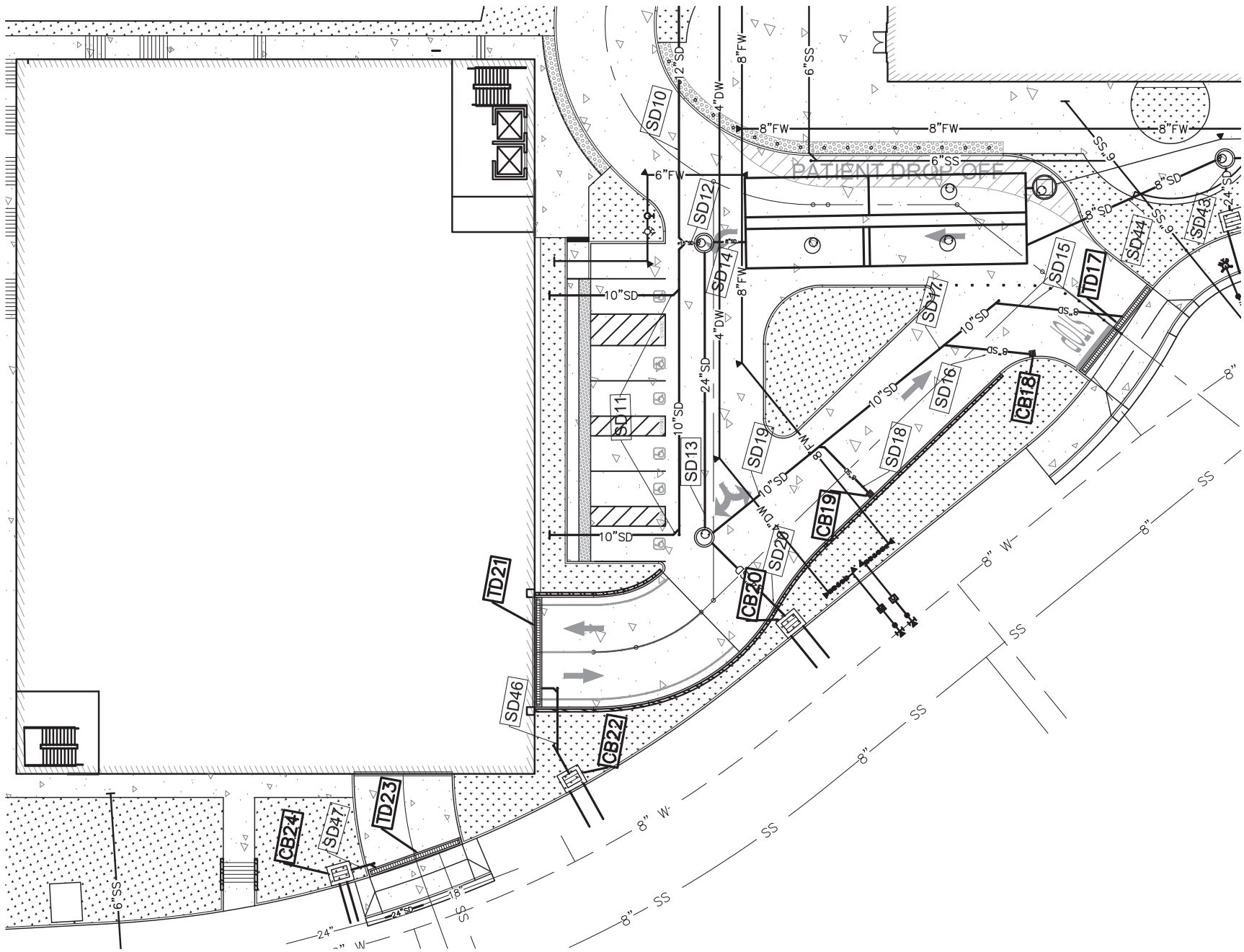


CALCULATION C

PIPE SIZING

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
Tel: 323-729-6098 ▪ **Fax:** 323-729-6043
e-mail: vca@vcaeng.com

Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com


PATIENT DROP OFF
SD10
SD11
SD12
SD13
SD14
SD15
SD16
SD17
SD18
SD19
SD20
SD43
SD44
SD46
SD47
TD17
TD21
TD23
CB18
CB19
CB20
CB22
CB24
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8"FW
6"SS
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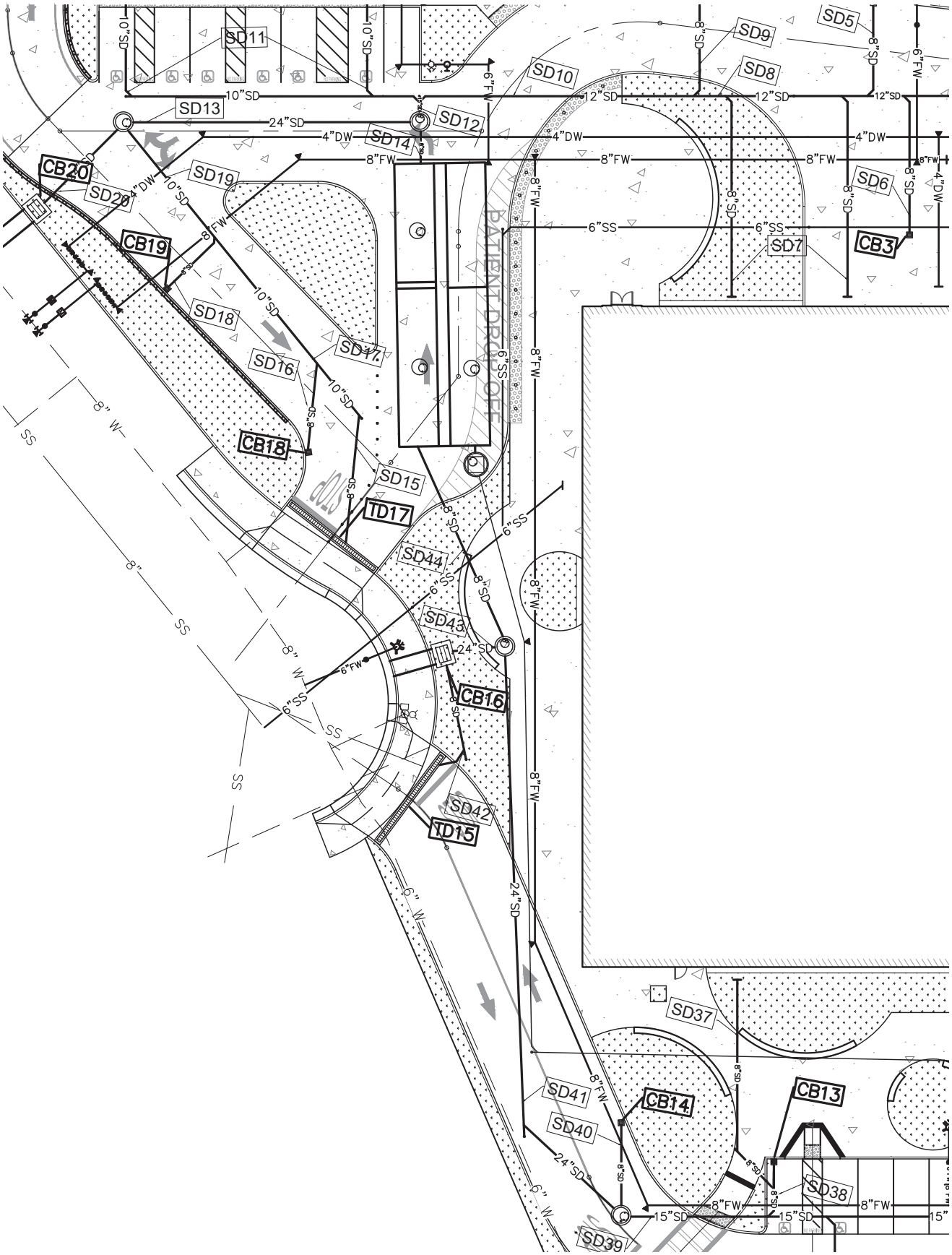
24"SD
8"SD
8" W
SS
24"
18"


SD11
SD13
SD12
SD14
SD10
SD9
SD8
SD5
SD6
SD7
CB3
CB20
SD20
SD19
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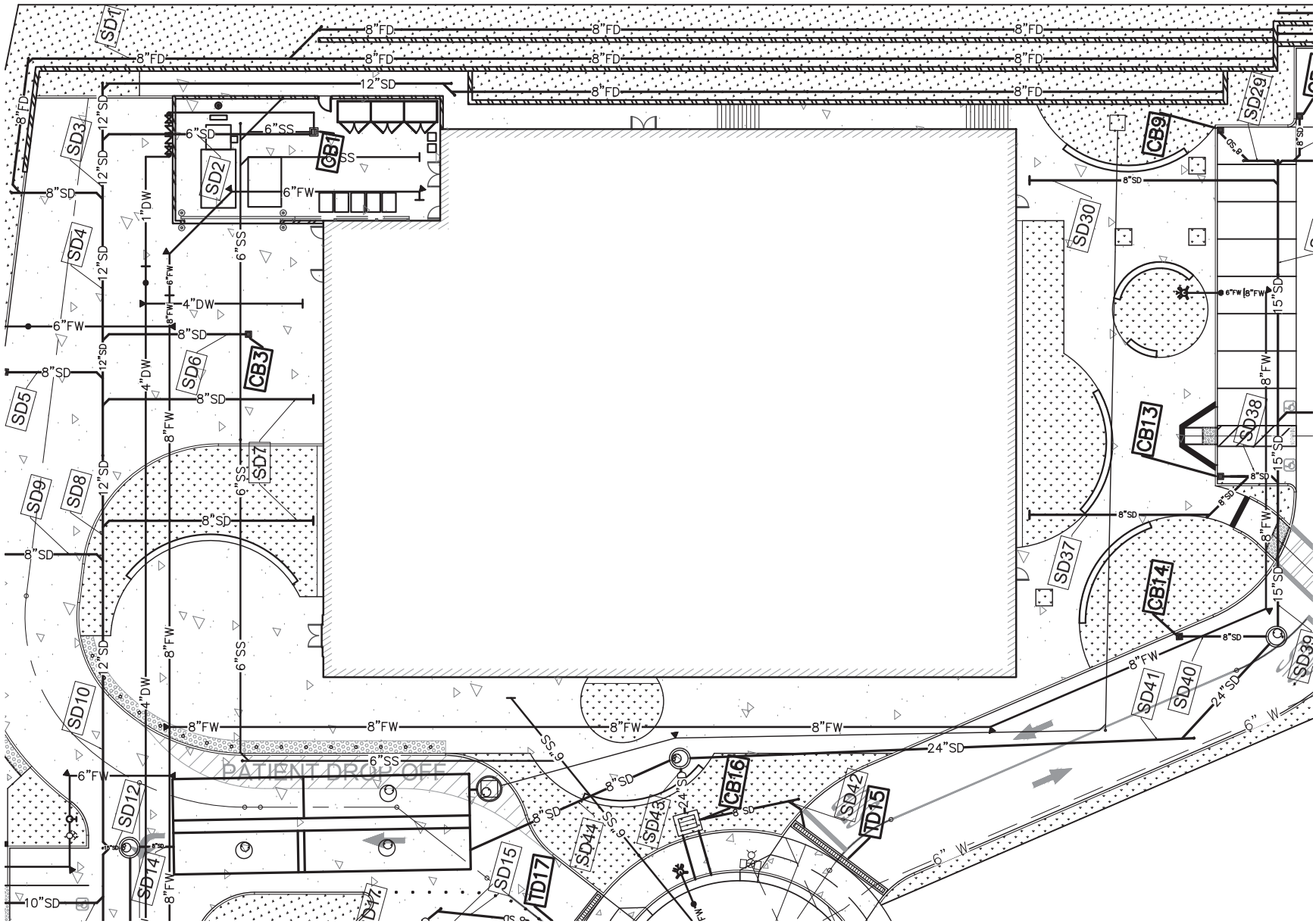
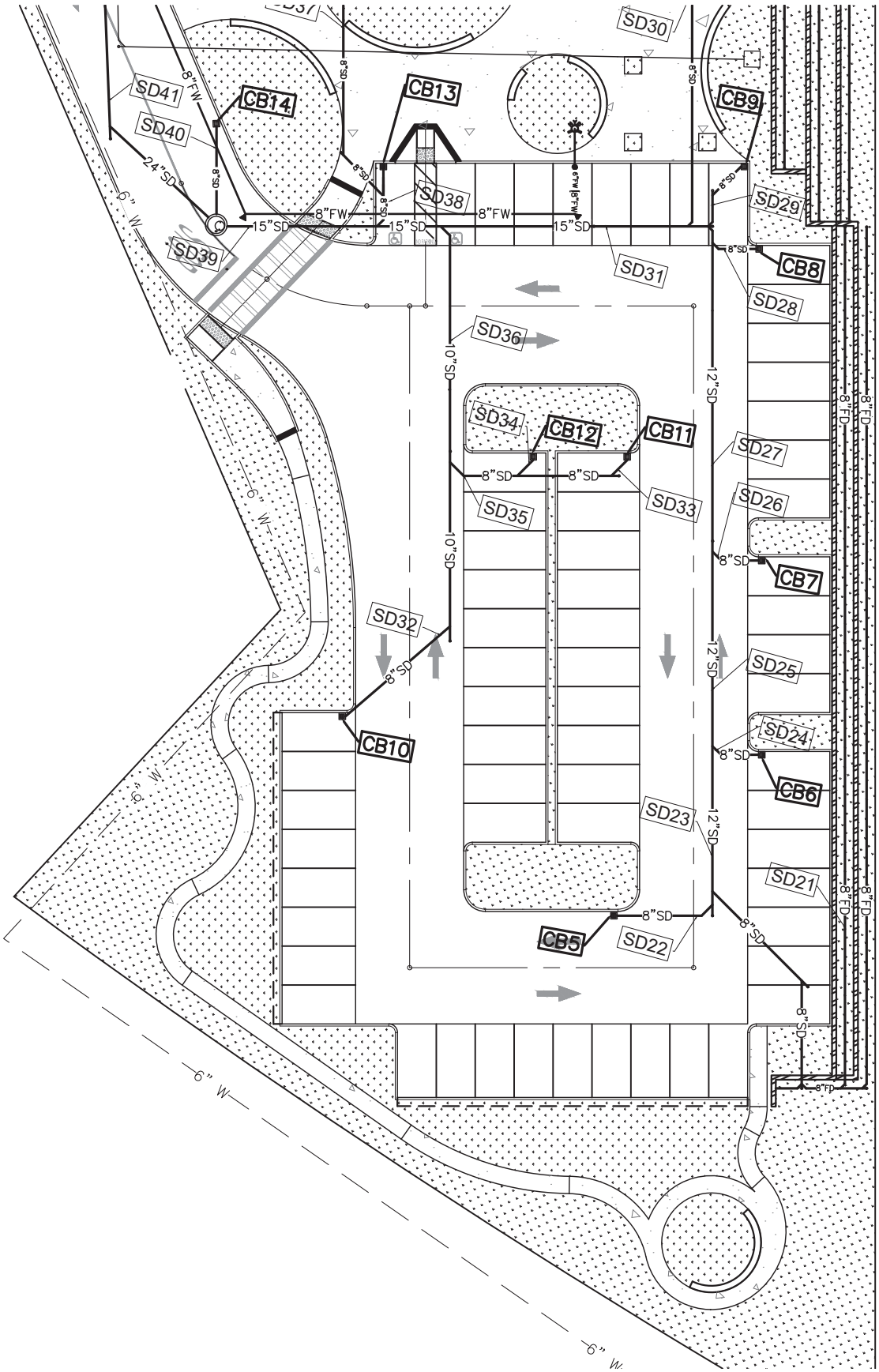
SD18
SD16
SD17
CB18
SD15
TD17
SD44
SD43
CB16
SD42
TD15
SD37
SD41
SD40
CB14
CB13
SD38
SD39
PATIENT DROP OFF
10"SD
12"SD
24"SD
4"DW
8"FW
6"FW
6"SS
8"SD
15"SD
8" W
SS



SD1
SD2
SD3
SD4
SD5
SD6
SD7
SD8
SD9
SD10
SD12
SD14
SD15
SD29
SD30
SD37
SD38
SD39
SD40
SD41
SD42
SD43
SD44
CB1
CB3
CB9
CB13
CB14
CB16
TD15
TD17
8"FD
12"SD
6"SD
6"SS
6"FW
8"SD
1"DW
4"DW
8"FW
6"SS
10"SD
15"SD
24"SD
6" W
PATIENT DROP OFF


SD30
SD41
CB14
CB13
CB9
SD40
24"SD
8"FW
SD38
15"SD
SD29
SD39
SD31
CB8
SD28
SD36
10"SD
12"SD
8"FD
SD34
CB12
CB11
SD27
8"SD
SD35
SD33
SD26
CB7
SD32
SD25
CB10
SD24
CB6
SD23
SD21
CB5
SD22
6" W

VCA Engineers, Inc. **Pipe Sizing - 25-Year 24-Hour Rainfall**

Client: KAISER PERMANENTE
Project: KAISER PERMANENTE COVINA
Park View Drive, Covina, CA

Job No. 2069-219
Date: 9/25/2019
Engineer: VCA

Pipe ID	NOTES	Tributary Area	Q_P Peak Flow Rate	V Total Runoff Volume	D Pipe Size	n Roughness Coefficient	S Pipe Slope	v Design Velocity	Test: v ≥ 2 f/s	a Area of Flow	Q_{MAX} Pipe Capacity	Test: $Q_{MAX} \geq Q_P$	Pipe Size OK?
		(acre)	(cfs)	(cu ft)	(inches)		(ft/ft)	(f/s)		(ft^2)	(cfs)		
SD1	CATCHMENT 4	0.150	0.420	1,074.54	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD2	CATCHMENT 5	0.040	0.130	775.17	6	0.009	0.005	3.32	OK	0.16	0.524	OK	YES
SD3	SD1(1/3)+SD2	0.090	0.270	1,133.35	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD4	SD1(2/3)+SD3	0.190	0.550	1849.710	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD5	CATCHMENT 4	0.120	0.350	1,886.20	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD6	CATCHMENT 6	0.060	0.170	873.07	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD7	CATCHMENT 7	0.290	0.840	5,063.47	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD8	SD4+SD5+SD6+SD7	0.660	1.910	9,672.45	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD9	CATCHMENT 2	0.080	0.230	1,121.51	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD10	SD8+SD9	0.740	2.140	10,793.96	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD11	CATCHMENT 1+ 85TH CTCH24	0.900	1.690	10,550.34	10	0.009	0.005	4.66	OK	0.44	2.045	OK	YES
SD12	SD10+SD11	1.640	3.830	21,344.30	15	0.009	0.005	6.11	OK	0.99	6.029	OK	YES
SD13	SD12-SD14	0.350	3.320	17,722.57	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES
SD14	85TH CTCH 1-7	1.290	0.510	3,621.73	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD15	CATCHMENT 22	0.030	0.100	577.01	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD16	CATCHMENT 23	0.040	0.120	645.15	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD17	SD15+SD16	0.070	0.220	1,222.16	10	0.009	0.005	4.66	OK	0.44	2.045	OK	YES
SD18	CATCHMENT 24	0.350	1.010	5514.450	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD19	SD17+SD18	0.420	1.230	6,736.61	10	0.009	0.005	4.66	OK	0.44	2.045	OK	YES
SD20	SD13+SD19	0.770	4.550	24,459.18	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES
SD21	CATCHMENT 19	0.040	0.130	328.25	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD22	CATCHMENT 18	0.060	0.180	838.94	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD23	SD21+SD22	0.100	0.310	1,167.19	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD24	CATCHMENT 17	0.160	0.460	1,894.58	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD25	SD23+SD24	0.260	0.770	3,061.77	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD26	CATCHMENT 16	0.030	0.090	525.12	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD27	SD25+SD26	0.290	0.860	3,586.89	12	0.009	0.005	5.26	OK	0.63	3.325	OK	YES
SD28	CATCHMENT 15	0.050	0.140	823.40	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD29	CATCHMENT 11	0.120	0.340	1,867.22	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD30	CATCHMENT 8/2	0.100	0.290	1,741.41	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD31	SD28+SD29+SD30	0.270	0.770	4432.030	15	0.009	0.005	6.11	OK	0.99	6.029	OK	YES
SD32	CATCHMENT 12	0.070	0.200	1,153.95	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD33	CATCHMENT 14	0.080	0.230	1,208.57	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD34	CATCHMENT 13	0.080	0.220	1,143.86	10	0.009	0.005	4.66	OK	0.44	2.045	OK	YES
SD35	SD33+SD34	0.160	0.450	2,352.430	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD36	SD32+SD35	0.230	0.650	3,506.380	10	0.009	0.005	4.66	OK	0.44	2.045	OK	YES
SD37	CATCHMENT 8/2	0.100	0.290	1,741.410	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD38	CATCHMENT 10+SD37	0.260	0.750	4,254.49	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD39	SD36+SD38	0.490	1.400	7,760.870	15	0.009	0.005	6.11	OK	0.99	6.029	OK	YES
SD40	CATCHMENT 9	0.270	0.780	3,244.82	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD41	SD39+SD40	0.760	2.180	11,005.69	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES
SD42	CATCHMENT 20	0.060	0.170	987.48	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD43	SD41-85TH 8-19	0.570	1.667	7,790.870	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES
SD44	85TH CTCH 8-19	1.330	0.513	3,214.82	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD45	CISTERN TO PUMP	2.620	1.023	6836.550	8	0.009	0.005	4.02	OK	0.28	1.128	OK	YES
SD46	CATCHMENT 26	0.030	0.090	563.92	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES
SD47	CATCHMENT 28	0.020	0.060	280.24	24	0.009	0.005	8.35	OK	2.53	21.112	OK	YES

VCA Engineers, Inc.		Pipe Sizing
Client:	Kaiser Permanente	Job No. 2069-219
Project:	Kaiser Permanente Covina	Date: 9/12/2019
		Engineer: VCA

SD 1 = Catchment 4				$Q_{25\text{-}YR}$=	0.42
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 2 = Catchment 5				$Q_{25\text{-}YR}$=	0.13
Calculations for Velocity and Discharge					
D =	6		0.50 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	5	inches	0.38 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.16	sq.ft		Area of Flow	
p =	1.05	ft		Wetted Perimeter	
r =	0.15	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	3.32	fps		Flow Velocity	**OK**
Q =	0.524	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 3 = SD1(1/3)+SD2				$Q_{25\text{-}YR}$=	0.27
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 4 = SD1(2/3)+SD3				$Q_{25\text{-}YR}$=	0.55
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 5 = CATCHMENT 4					$Q_{25\text{-}YR}$=	0.35
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 6 = CATCHMENT 6					$Q_{25\text{-}YR}$=	0.17
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 7 = CATCHMENT 7					$Q_{25\text{-}YR}$=	0.84
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 8 = SD4+SD5+SD6+SD7					$Q_{25\text{-}YR}$=	1.91
Calculations for Velocity and Discharge						
D =	12		1.00	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	9	inches	0.75	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.63	sq.ft			Area of Flow	
p =	2.09	ft			Wetted Perimeter	
r =	0.30	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	5.26	fps			Flow Velocity	**OK**
Q =	3.325	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 9 = CATCHMENT 2				$Q_{25\text{-}YR}$=	0.23
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
					Therefore, Pipe Size is
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

SD 10 = SD8+SD9				$Q_{25\text{-}YR}$=	2.14
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
					Therefore, Pipe Size is
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

SD 11 = CATCHMENT 1 + 85TH CATCH24					$Q_{25\text{-}YR}$=	1.69
Calculations for Velocity and Discharge						
D =	10		0.83	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	8	inches	0.63	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.44	sq.ft			Area of Flow	
p =	1.75	ft			Wetted Perimeter	
r =	0.25	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
						Therefore, Pipe Size is
v =	4.66	fps			Flow Velocity	**OK** OK
Q =	2.045	cfs			Flow Rate	**OK**

SD 12 = SD10+SD11					$Q_{25\text{-}YR}$=	3.83
Calculations for Velocity and Discharge						
D =	15		1.25	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	11	inches	0.94	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.99	sq.ft			Area of Flow	
p =	2.62	ft			Wetted Perimeter	
r =	0.38	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
						Therefore, Pipe Size is
v =	6.11	fps			Flow Velocity	**OK** OK
Q =	6.029	cfs			Flow Rate	**OK**

SD 13 = SD12-SD14				$Q_{25\text{-}YR}$=	3.32
Calculations for Velocity and Discharge					
D =	24		2.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	18	inches	1.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	2.53	sq.ft		Area of Flow	
p =	4.19	ft		Wetted Perimeter	
r =	0.60	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	8.35	fps		Flow Velocity	**OK**
Q =	21.112	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 14 =85TH CATCH 1-7				$Q_{25\text{-}YR}$=	0.51
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 15 = CATCHMENT 22				$Q_{25\text{-}YR}$=	0.10
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 16 = CATCHMENT 23				$Q_{25\text{-}YR}$=	0.12
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 17 = SD15+SD16				$Q_{25\text{-}YR}$=	0.22
Calculations for Velocity and Discharge					
D =	10		0.83 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	8	inches	0.63 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.44	sq.ft		Area of Flow	
p =	1.75	ft		Wetted Perimeter	
r =	0.25	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.66	fps		Flow Velocity	**OK**
Q =	2.045	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 18 = CATCHMENT 24				$Q_{25\text{-}YR}$=	1.01
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 19 = SD17+SD18					$Q_{25\text{-}YR}$=	1.23
Calculations for Velocity and Discharge						
D =	10		0.83	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	8	inches	0.63	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.44	sq.ft			Area of Flow	
p =	1.75	ft			Wetted Perimeter	
r =	0.25	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.66	fps			Flow Velocity	**OK**
Q =	2.045	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 20 = SD13+SD19					$Q_{25\text{-}YR}$=	4.55
Calculations for Velocity and Discharge						
D =	24		2.00	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	18	inches	1.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	2.53	sq.ft			Area of Flow	
p =	4.19	ft			Wetted Perimeter	
r =	0.60	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	8.35	fps			Flow Velocity	**OK**
Q =	21.112	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 21 = CATCHMENT 19					$Q_{25\text{-}YR}$=	0.13
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 22 = CATCHMENT 18					$Q_{25\text{-}YR}$=	0.18
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 23 = SD21+SD22				$Q_{25\text{-}YR}$=	0.31
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 24 = CATCHMENT 17				$Q_{25\text{-}YR}$=	0.46
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 25 = SD23+SD24				$Q_{25\text{-}YR}$=	0.77
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 26 = CATCHMENT 16				$Q_{25\text{-}YR}$=	0.09
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 27 = SD25+SD26				$Q_{25\text{-}YR}$=	0.86
Calculations for Velocity and Discharge					
D =	12		1.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	9	inches	0.75 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.63	sq.ft		Area of Flow	
p =	2.09	ft		Wetted Perimeter	
r =	0.30	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	5.26	fps		Flow Velocity	**OK**
Q =	3.325	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 28 = CATCHMENT 15				$Q_{25\text{-}YR}$=	0.14
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 29 = CATCHMENT 11				$Q_{25\text{-}YR}$=	0.34
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 30 = CATCHMENT 8/2				$Q_{25\text{-}YR}$=	0.29
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 31 = SD28+SD29+SD30					$Q_{25\text{-}YR}$=	0.77
Calculations for Velocity and Discharge						
D =	15		1.25	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	11	inches	0.94	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.99	sq.ft			Area of Flow	
p =	2.62	ft			Wetted Perimeter	
r =	0.38	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	6.11	fps			Flow Velocity	**OK**
Q =	6.029	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 32 = CATCHMENT 12					$Q_{25\text{-}YR}$=	0.20
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 33 = CATCHMENT 14					$Q_{25\text{-}YR}$=	0.23
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 34 = CATCHMENT 13					$Q_{25\text{-}YR}$=	0.22
Calculations for Velocity and Discharge						
D =	10		0.83	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	8	inches	0.63	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.44	sq.ft			Area of Flow	
p =	1.75	ft			Wetted Perimeter	
r =	0.25	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.66	fps			Flow Velocity	**OK**
Q =	2.045	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 35 = SD33+SD34				$Q_{25\text{-}YR}$=	0.45
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 36 = SD32+SD35				$Q_{25\text{-}YR}$=	0.65
Calculations for Velocity and Discharge					
D =	10		0.83 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	8	inches	0.63 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.44	sq.ft		Area of Flow	
p =	1.75	ft		Wetted Perimeter	
r =	0.25	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.66	fps		Flow Velocity	**OK**
Q =	2.045	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 37 = CATCHMENT 8/2				$Q_{25\text{-}YR}$=	0.29
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 38 = CATCHMENT 10+SD37				$Q_{25\text{-}YR}$=	0.75
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 39 = SD36+SD38				$Q_{25\text{-}YR}$=	1.40
Calculations for Velocity and Discharge					
D =	15		1.25 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	11	inches	0.94 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.99	sq.ft		Area of Flow	
p =	2.62	ft		Wetted Perimeter	
r =	0.38	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	6.11	fps		Flow Velocity	**OK**
Q =	6.029	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 40 = CATCHMENT 9				$Q_{25\text{-}YR}$=	0.78
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 41 = SD39+SD40				$Q_{25\text{-}YR}$=	2.18
Calculations for Velocity and Discharge					
D =	24		2.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	18	inches	1.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	2.53	sq.ft		Area of Flow	
p =	4.19	ft		Wetted Perimeter	
r =	0.60	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	8.35	fps		Flow Velocity	**OK**
Q =	21.112	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 42 = CATCHMENT 20				$Q_{25\text{-}YR}$=	0.17
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 43 = SD41-85TH 8-19					$Q_{25\text{-}YR}$=	1.67
Calculations for Velocity and Discharge						
D =	24		2.00	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	18	inches	1.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	2.53	sq.ft			Area of Flow	
p =	4.19	ft			Wetted Perimeter	
r =	0.60	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	8.35	fps			Flow Velocity	**OK**
Q =	21.112	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 44 = 85TH CATCH 8-19					$Q_{85\text{-}TH}$=	0.51
Calculations for Velocity and Discharge						
D =	8		0.67	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	6	inches	0.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	0.28	sq.ft			Area of Flow	
p =	1.40	ft			Wetted Perimeter	
r =	0.20	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	4.02	fps			Flow Velocity	**OK**
Q =	1.128	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 45 = CISTERN TO PUMP				$Q_{25\text{-}YR}$=	1.02
Calculations for Velocity and Discharge					
D =	8		0.67 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	6	inches	0.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	0.28	sq.ft		Area of Flow	
p =	1.40	ft		Wetted Perimeter	
r =	0.20	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	4.02	fps		Flow Velocity	**OK**
Q =	1.128	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 46 = CATCHMENT 26				$Q_{25\text{-}YR}$=	0.09
Calculations for Velocity and Discharge					
D =	24		2.00 ft	Diameter of Pipe	
n =	0.009		PVC	Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50 %	Slope of Pipe	
d =	18	inches	1.50 ft	Flow Depth	
d/D =	0.75			Proportional Depth of Flow	
theta =	4.1888	radians		Angle of Flow	
a =	2.53	sq.ft		Area of Flow	
p =	4.19	ft		Wetted Perimeter	
r =	0.60	ft		Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'					
v =	8.35	fps		Flow Velocity	**OK**
Q =	21.112	cfs		Flow Rate	**OK**

Therefore, Pipe Size is OK

SD 47 = CATCHMENT 28					$Q_{25\text{-}YR}$=	0.06
Calculations for Velocity and Discharge						
D =	24		2.00	ft	Diameter of Pipe	
n =	0.009		PVC		Manning's Roughness Coefficient	
S =	0.005	ft/ft	0.50	%	Slope of Pipe	
d =	18	inches	1.50	ft	Flow Depth	
d/D =	0.75				Proportional Depth of Flow	
theta =	4.1888	radians			Angle of Flow	
a =	2.53	sq.ft			Area of Flow	
p =	4.19	ft			Wetted Perimeter	
r =	0.60	ft			Hydraulic Radius	
Using Manning's Equation, for pipe at flow depth 'd'						
v =	8.35	fps			Flow Velocity	**OK**
Q =	21.112	cfs			Flow Rate	**OK**

Therefore, Pipe Size is OK

CALCULATION D

CATCH BASIN AND TRENCH DRAIN SIZING

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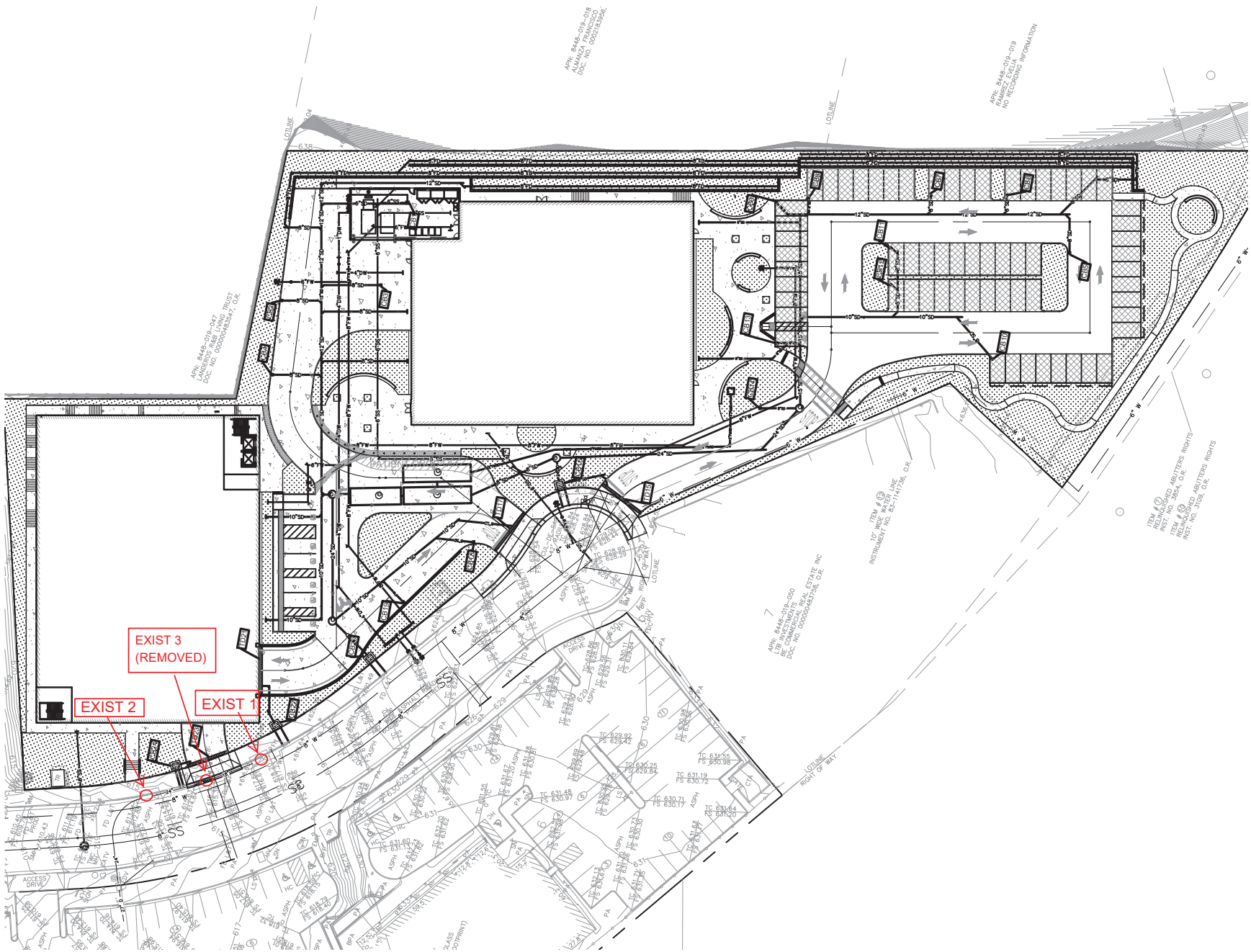

EXIST 3
(REMOVED)
EXIST 2
EXIST 1

VCA Engineers, Inc.		Catch Basin Sizing
Client:	Kaiser Permanente	Job No. 2069-219
Project:	Kaiser Permanente Covina	Date: 9/25/2019
	1164 Park View Drive, Covina, CA	Engineer: VCA

CB / TD	Subarea	$Q_{25\text{-year}}$	Head	Catch Basin	Orifice Flow		Weir Flow		CB Design OK?	Type of Flow
			h		Sq Ft Open	$Q_{orifice}$	Perimeter Lineal Feet	Q_{weir}		
No.		(cfs)	(ft)		(ft^2)	(cfs)	(ft)	(cfs)	$Q_{orifice} > Q_{25\text{-year}}$ $Q_{weir} > Q_{25\text{-year}}$	
CB1	5	0.13	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB2	3	0.35	0.13	12" x 12"	0.5	0.85	4.0	0.58	OK	WEIR
CB3	6	0.17	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB4	2	0.23	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB5	18	0.18	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB6	17	0.46	0.13	12" x 12"	0.5	0.87	4.0	0.62	OK	WEIR
CB7	16	0.09	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB8	15	0.14	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB9	11	0.34	0.13	12" x 12"	0.5	0.87	4.0	0.62	OK	WEIR
CB10	12	0.20	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB11	14	0.23	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB12	13	0.22	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB13	10	0.46	0.13	12" x 12"	0.5	0.87	4.0	0.62	OK	WEIR
CB14	9	0.78	0.16	12" x 12"	0.5	0.96	4.0	0.84	OK	WEIR
TD15	20	0.17	0.08	1' x 28'	14.0	19.07	58.0	4.33	OK	WEIR
CB16	21	0.19	0.08	BUBBLER 24" x 24"	2.0	2.72	8.0	0.60	OK	WEIR
TD17	22	0.10	0.08	1' x 28'	14.0	19.07	58.0	4.33	OK	WEIR
CB18	23	0.12	0.08	12" x 12"	0.5	0.68	4.0	0.30	OK	WEIR
CB19	24	1.01	0.20	12" x 12"	0.5	1.08	4.0	1.18	OK	ORIFICE
CB20	25	0.08	0.08	BUBBLER 24" x 24"	2.0	2.72	8.0	0.60	OK	WEIR
TD21	26	0.09	0.08	1' x 28'	14.0	19.07	58.0	4.33	OK	WEIR
CB22	27	0.05	0.08	BUBBLER 24" x 24"	2.0	2.72	8.0	0.60	OK	WEIR
TD23	28	0.06	0.08	1' x 28'	14.0	19.07	58.0	4.33	OK	WEIR
CB24	29	0.40	0.08	BUBBLER 24" x 24"	2.0	2.72	8.0	0.60	OK	WEIR
EXST1	PRE-DEV	4.89	0.13	1.16' x 11.30'	14.0	24.26	42.9	6.63	OK	WEIR
EXST2	PRE-DEV	4.89	0.13	1.16' x 11.30'	14.0	24.26	42.9	6.63	OK	WEIR
EXST3 (REMOVED)	PRE-DEV	3.23	0.13	1.80' x 11.30'	10.2	17.66	28.2	4.36	OK	WEIR

Orifice Equation

Using the equation: $Q = C \times A_O \times (2gh)^{1/2}$,

Runoff coefficient (C) = 0.60

Gravitational Constant (g) = 32.2 ft/s^2

Weir Equation

Using the equation: $Q = 3.3 \times P \times (h)^{1.5}$

Notes

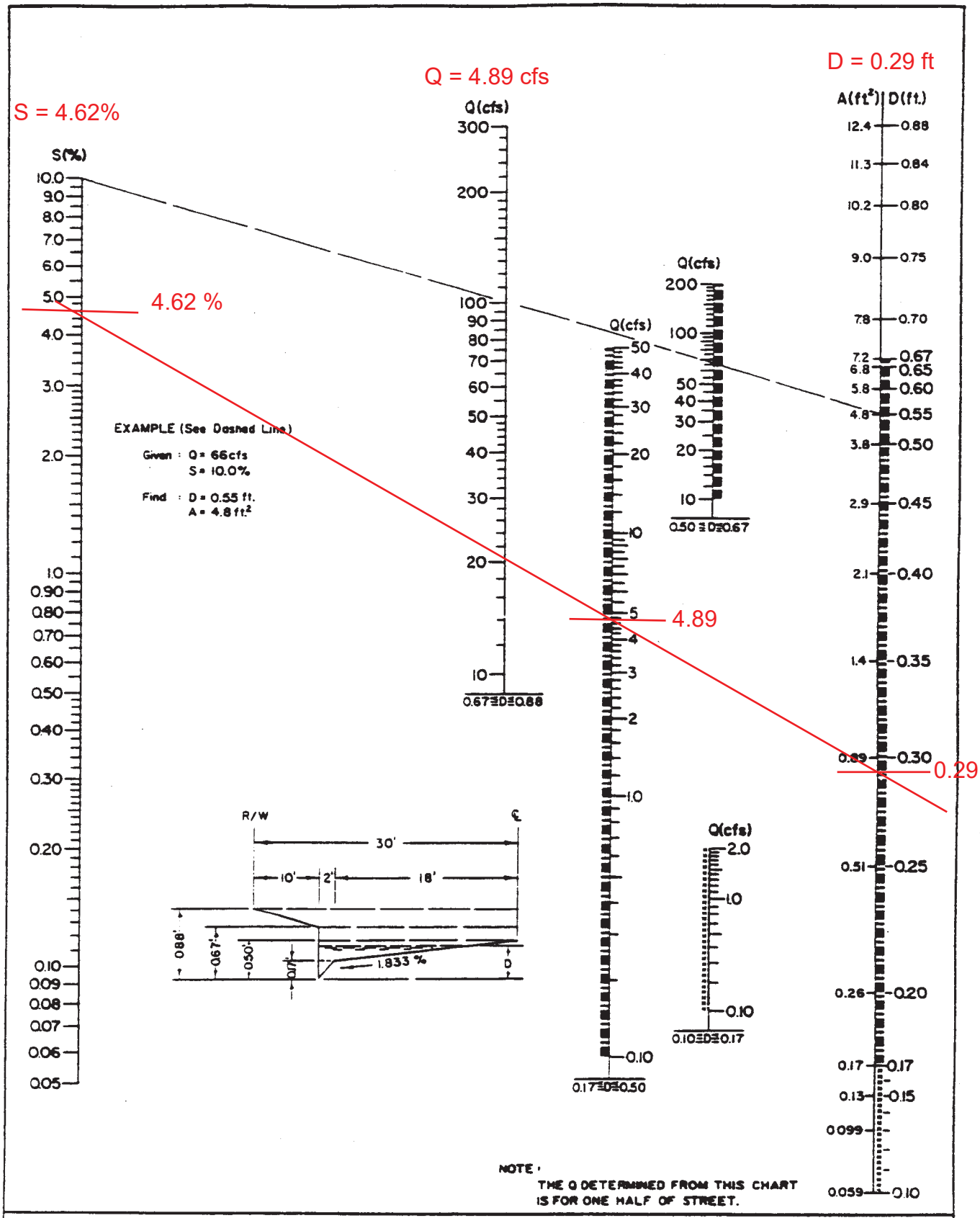
1. R-xxxx models refer to Neenah Catalog for square feet open and weir perimeter lineal feet values.
2. Existing Catch Basin sizes approximate and based on survey.
3. Existing Catch Basins are assumed to have 50% opening.
4. Alley Grating Catch Basin per City of Los Angeles Standard Plan S-355.

EXIST 1, EXIST 2 AND EXIST 3. CALCULATION SIZE

S = 4.62%

Q = 4.89 cfs

D = 0.29 ft



DESIGNED BY GB 8-64
CHECKED BY JJM 8-64

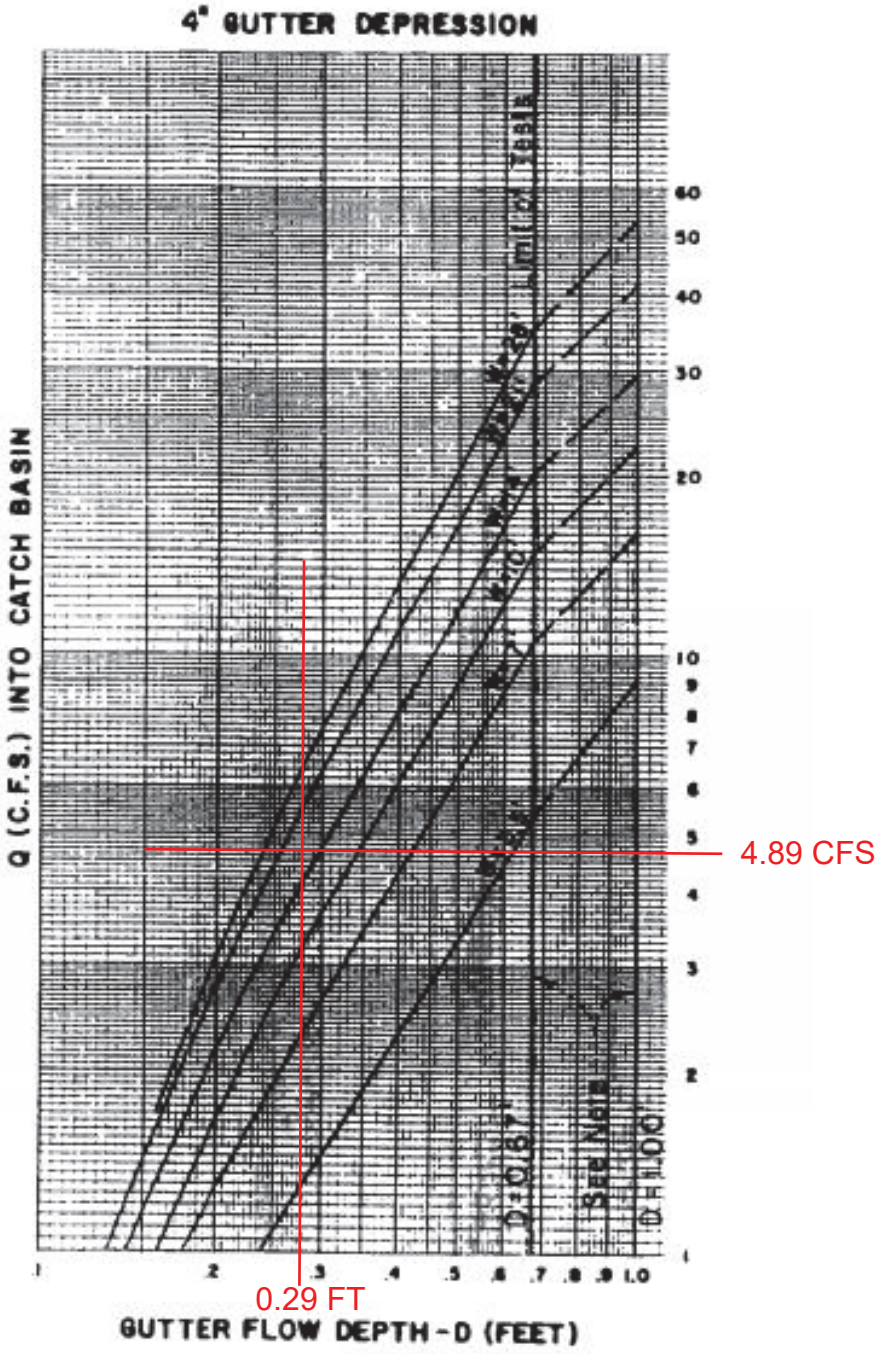
LOS ANGELES COUNTY ROAD DEPARTMENT

STREET FLOW
LOCAL ST.- Chart 1 of 1

REFERENCE SHEET

D-01

W = 15



CURB OPENING CATCH BASIN CAPACITIES

STREET SLOPE = .05 D - 10D

Rev. 6-12-84

CALCULATION E

DISCHARGE INTO THE EXISTING CURB OPEN STORM DRAIN

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Orange County
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Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com

VCA Engineers, Inc.		Project Information
Client:	Kaiser Permanente	Job No. 2069-219
Project:	Kaiser Permanente Covina	Date: 9/25/2019
		Engineer: VCA

Total Area Pos-Development

Total Area	148,975.20	sf	3.420	acres	
Impervious Area	111,490.04	sf	2.559	acres	75%
Pervious Area	37,485.16	sf	0.861	acres	25%

Total Area Pre-Development

Total Area	148,975.20	sf	3.420	acres	
Impervious Area	0.00	sf	0.000	acres	0.00%
Pervious Area	148,975.20	sf	3.420	acres	100.00%

Description	25 yrs cu-ft	25 yrs cfs	85th cu-ft	85th cfs	
Pre-Development	24,942.89	8.8362	1,713.39	0.3042	
Park View Drive	5,032.31	0.83			
Total	29,975.20	9.67			
Post-Development	50,660.39	**9.80**	**8,717.69**	**0.86**	
Street	5,032.31	0.83			
Total		10.63			
Cistern Harvest And Use			**8,717.69**	**0.86**	
Discharged into the Open CB	*Total Post-dev 25 yrs storm event (cfs) - Cistern 85th rainfall event (cfs)*				**9.77**

Peak Flow Hydrologic Analysis

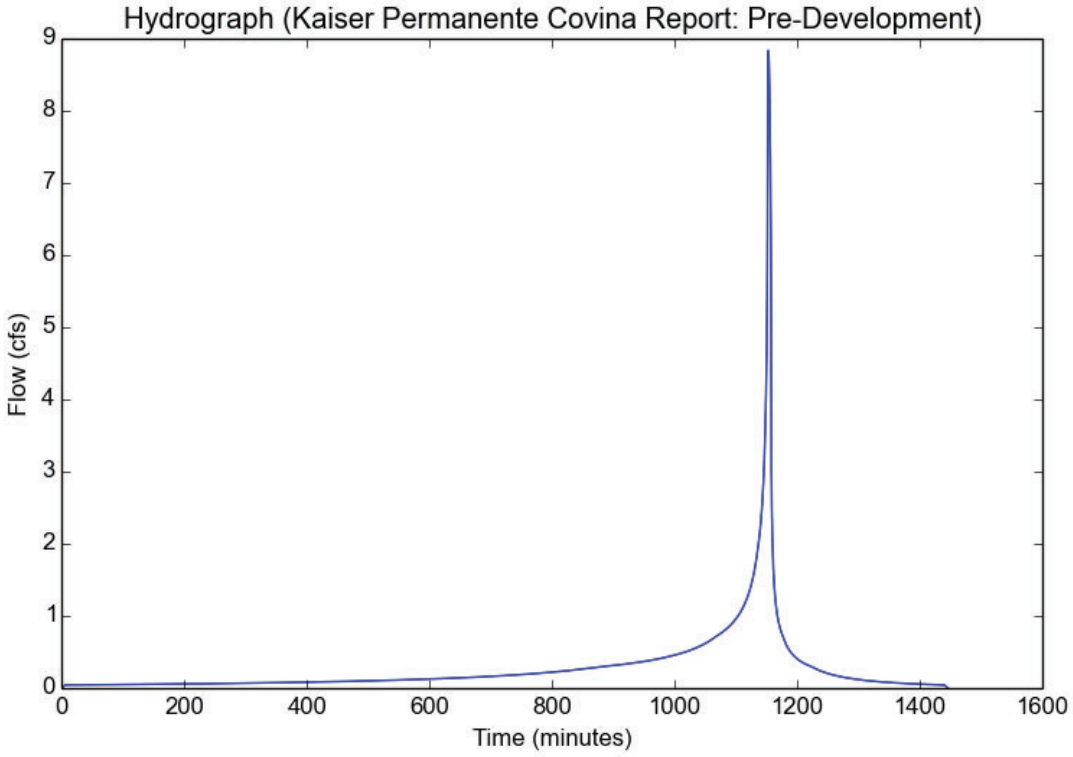
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permanente Covina Report - 25th -Pre-Development.pdf
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permanente Covina Report
Subarea ID	Pre-Development
Area (ac)	3.42
Flow Path Length (ft)	467.2963
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.01
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	2.933
Undeveloped Runoff Coefficient (Cu)	0.8807
Developed Runoff Coefficient (Cd)	0.8809
Time of Concentration (min)	6.0
Clear Peak Flow Rate (cfs)	8.8362
Burned Peak Flow Rate (cfs)	8.8362
24-Hr Clear Runoff Volume (ac-ft)	0.5726
24-Hr Clear Runoff Volume (cu-ft)	24942.8897



Peak Flow Hydrologic Analysis

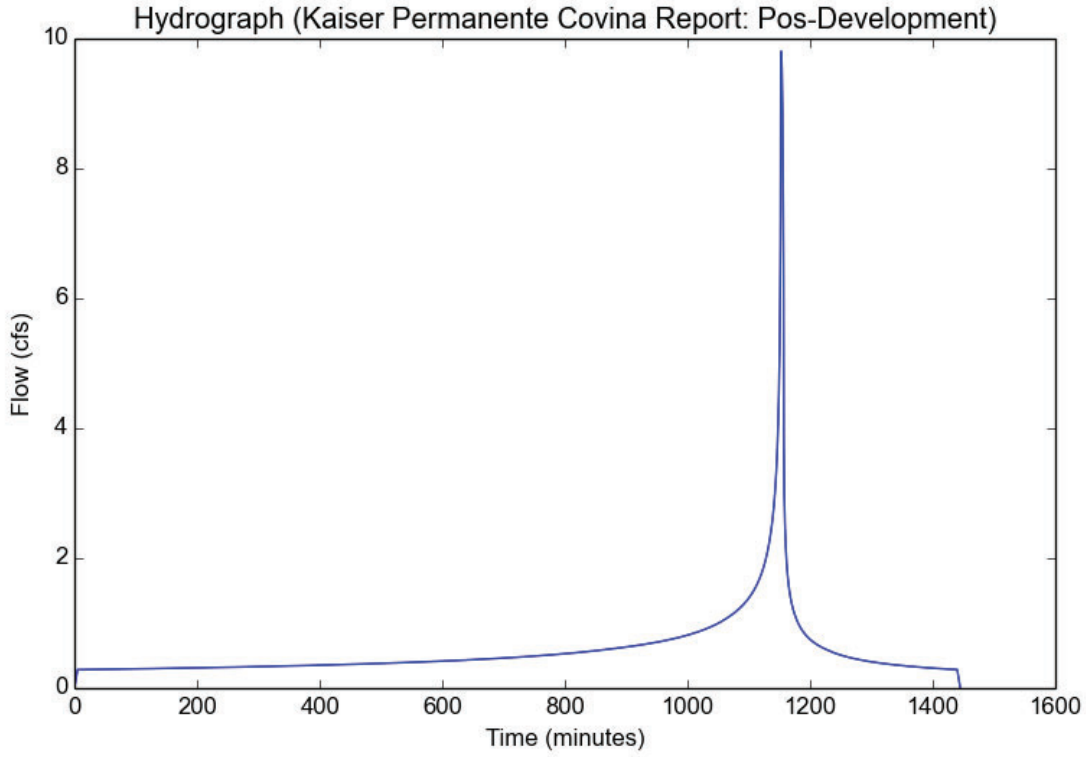
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permanente Covina Report - Pos-Development.pdf
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permanente Covina Report
Subarea ID	Pos-Development
Area (ac)	3.42
Flow Path Length (ft)	467.2963
Flow Path Slope (vft/hft)	0.048
50-yr Rainfall Depth (in)	6.1
Percent Impervious	0.75
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.8971
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	9.8038
Burned Peak Flow Rate (cfs)	9.8038
24-Hr Clear Runoff Volume (ac-ft)	1.163
24-Hr Clear Runoff Volume (cu-ft)	50660.3928



Peak Flow Hydrologic Analysis

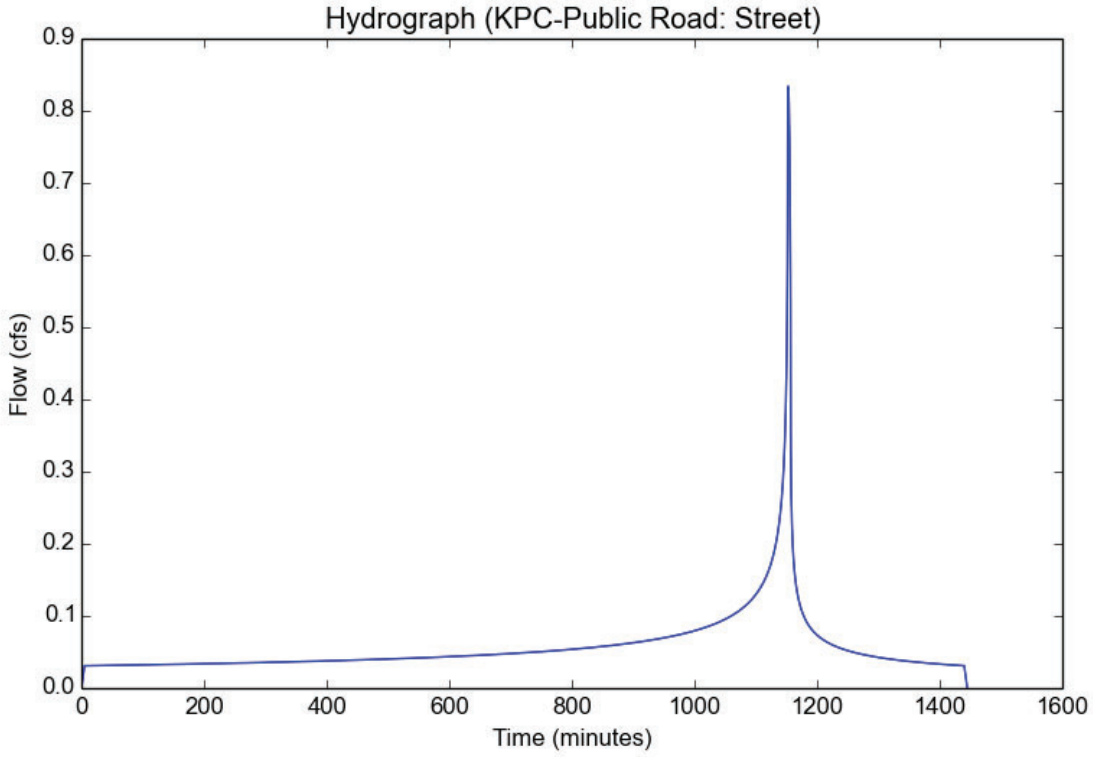
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Reports/REPORT FILES/KPC-Public Road -25yrs- Street.pdf
Version: HydroCalc 1.0.3

Input Parameters

Project Name	KPC-Public Road
Subarea ID	Street
Area (ac)	0.29
Flow Path Length (ft)	336.757
Flow Path Slope (vft/hft)	0.0462
50-yr Rainfall Depth (in)	6.1
Percent Impervious	1.0
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.3558
Peak Intensity (in/hr)	3.1954
Undeveloped Runoff Coefficient (Cu)	0.8884
Developed Runoff Coefficient (Cd)	0.9
Time of Concentration (min)	5.0
Clear Peak Flow Rate (cfs)	0.834
Burned Peak Flow Rate (cfs)	0.834
24-Hr Clear Runoff Volume (ac-ft)	0.1155
24-Hr Clear Runoff Volume (cu-ft)	5032.3113



CALCULATION F

HARVEST AND USE

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Orange County
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www.vcaeng.com

VCA Engineers, Inc.			Capture and Reuse BMP
Client:	Kaiser Permanente		Job No. 2069-219
Project:	Kaiser Permanente-Covina		Date: 9/24/2019
	Park View Drive		Engineer: VCA
	Covina, CA 91724		

Determine the design volume in gallons:

Minimum Capture Volume

Impervious Area	111408.16	sf	
Pervious Area	37485.16	sf	
V_{design}	8717.69	CU	Volume Based on the HydroCalc (only the areas that will be captured and reused)
V_{design}	65208.32	gal	V_{design} = 7.48 X V_{design} (CU)

0.45 Acres of pervious area will be used for drip irrigation

Planting Factor	0.3		Medium Planting Type
ET_7	19.68		Reference Evapotranspiration
Planting Area	37485.16	SF	Refer to drawings for landscaping area
Planter Factor (PF)	11245.55	SF	PF = Planting Factor x Planting Area
Determine the 7- month (Oct 1 – April 30) Estimated Total Water Use (ETWU):			
Estimated Total Water Use ($ETWU_{(7\text{-month})}$)	137213.7	gal	$ETWU_{(7\text{-month})}$ = ET_7 x 0.62 x PF

Verify captured volume is equal to or less than the irrigation demand from October 1 thru April 30

Estimated Total Water Use ($ETWU_{(7\text{-month})}$) > V_{design} ⇒ **Capture & Reuse is Feasible**

APPENDIX A

STORM DRAIN UTILITY PLANS

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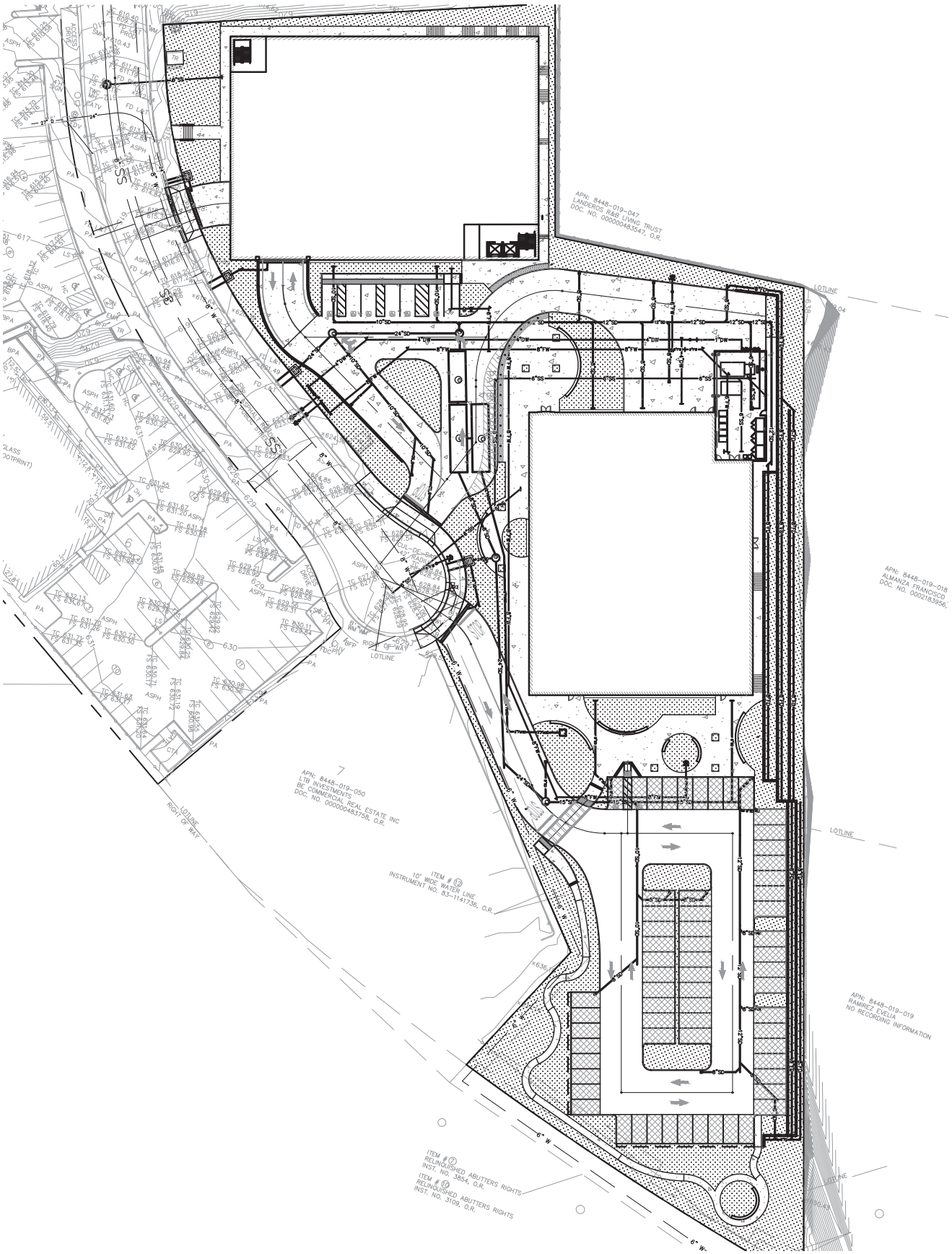
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LANDEROS R&B LIVING TRUST
DOC. NO. 0000004633547, O.R.
APN: 8448-019-018
ALMANZA FRANCISCO
DOC. NO. 0002183956,
APN: 8448-019-050
LTB INVESTMENTS
BE COMMERCIAL REAL ESTATE INC
DOC. NO. 0000004837358, O.R.
APN: 8448-019-019
RAMIREZ EVELIA
NO RECORDING INFORMATION
LOTLINE
RIGHT OF WAY
ITEM # 17
10' WIDE WATER LINE
INSTRUMENT NO. 83-1141736, O.R.
ITEM # 12
RELINQUISHED ABUTTERS RIGHTS
INST. NO. 3834, O.R.
ITEM # 10
RELINQUISHED ABUTTERS RIGHTS
INST. NO. 3109, O.R.

APPENDIX B

OPERATIONS AND MAINTENANCE PLAN

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
Tel: 323-729-6098 ▪ **Fax:** 323-729-6043
e-mail: vca@vcaeng.com

Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com

Catch Basin and Trench Drain Filter Inserts

The inspection and maintenance program will include the following key components:

1. Regular Sweeping and Removal of Debris:

Sediment and debris (litter, leaves, papers and cans, etc.) within the area, especially around the drainage inlet, will be collected and removed. The frequency of sweeping will be based on the amount of sediment and debris generated.

2. Regular Inspections:

The catch basin or trench drain filter insert will be inspected on a regular basis. The frequency of inspection will be based on pollutant loading, amount of debris, leaves, etc., and amount of runoff. At a minimum, there will be three inspections per year.

3. Conduct of The Visual Inspections:

a. Broom sweep around the inlet and remove the inlet grate.
b. Inspect the filter liner for serviceability. If called for, the filter body will be replaced.
c. Check the condition of the adsorbent pouches and visually check the condition of the enclosed adsorbent. If the surface of the granules is more than 50% coated with a dark gray or black substance, the pouches will be replaced with new ones.
d. Check for loose or missing nuts (on some models) and gaps between the filter and the inlet wall, which would allow bypass of the filter during low flows.
e. The filter components will be replaced in the inlet and the grate replaced.

4. Cleaning Out The Filter Insert:

Regardless of the model of filter insert, the devices must be cleaned out on a recurring basis. It is recommended that there be at least three cleanings per year – more in high exposure areas. The filter should be cleaned when the solids level reaches close to the full tip.

a. The Standard Filter, in most cases, can be cleaned out by removing the device from the inlet and dumping the contents into a DOT approved drum for later disposal. If the oil-absorbent pouches need to be changed, the time to change them is immediately after dumping and before the filter is replaced in the inlet.
b. Because of weight, method of installation and so forth, some filter inserts will be cleaned with the aid of a vector truck. If necessary, the oil-absorbent pouches will be changed after the pollutants have been removed and as the filter is being returned to service.

5. Stenciling

Legibility of stencils and/ or signs at all storm drain inlets and catch basins within the project area must be maintained at all time.

6. Maintenance Log

Keep a log of all inspection and maintenance performed on the catch basin and trench drain filter inserts. Keep this log on-site.

APPENDIX C

LID: HARVEST AND REUSE SYSTEM DETAIL PLAN

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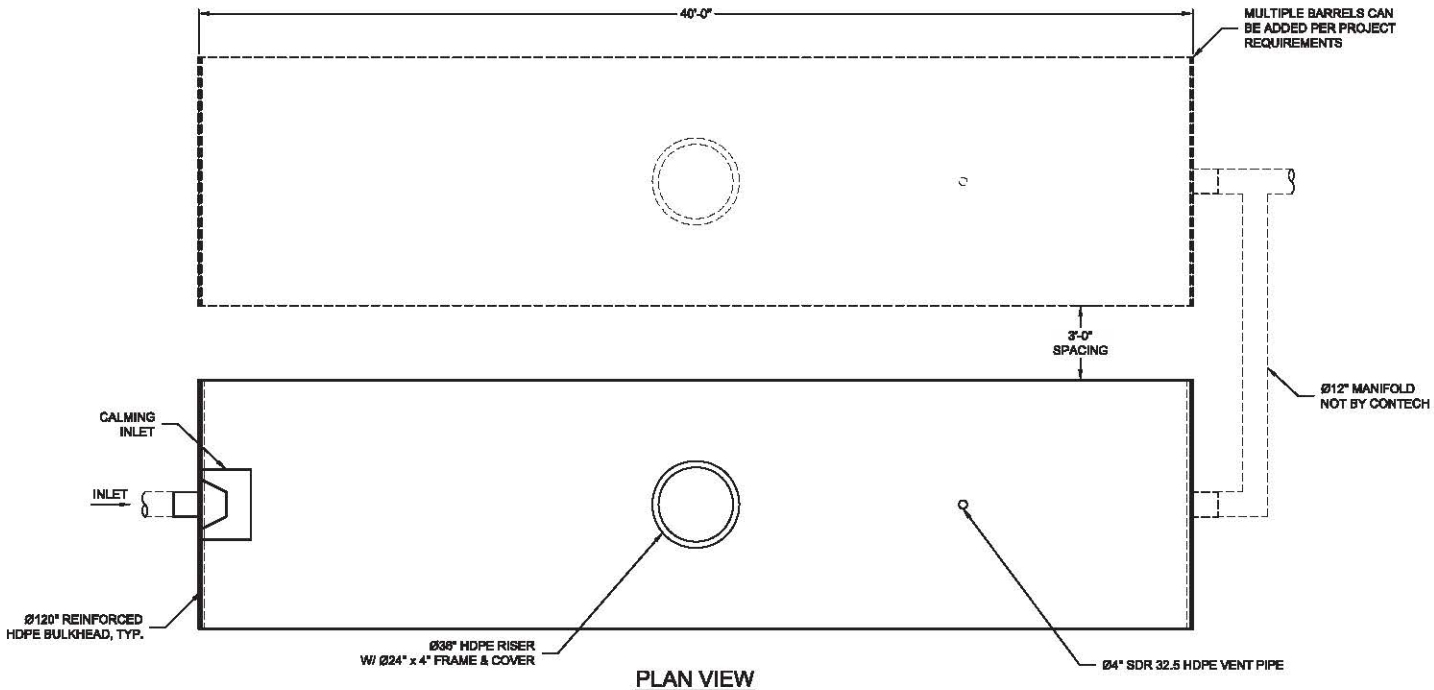
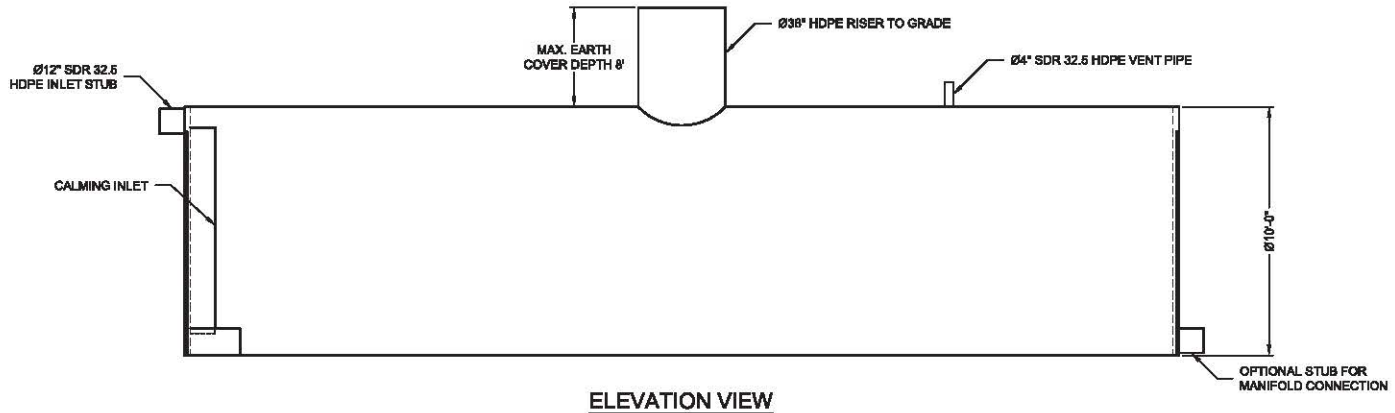
Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com



PLAN VIEW



ELEVATION VIEW

ASSEMBLY

SCALE: 1" = 5'
TOTAL CISTERN VOLUME: 22,762 GAL. (3,043 C.F.)
ESTIMATED HEAVIEST PICK WEIGHT = 6,000 LBS.
LOADING: H20/H25

NOTES

- MULTIPLE TANK LAYOUTS AVAILABLE.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM D3350.
- ALL RISERS AND STUBS ARE HIGH DENSITY POLYETHYLENE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- FLOTATION CONTROL IS CRITICAL AND THE RESPONSIBILITY OF THE INSTALLER. THE INFORMATION IS SUBMITTED AS A GUIDELINE ONLY. CONTECH IS NOT RESPONSIBLE FOR THE USE AND INTERPRETATION OF THIS INFORMATION.
- ALL TANKS ARE TESTED FOR WATERTIGHTNESS PRIOR TO SHIPMENT.

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URBANGREEN

Ø120" URBANGREEN RWH SRPE CISTERN
Ø120" X 40' LONG
22,500 GAL
IAPMO CERTIFIED

PROJECT No.:	SEQ. No.:	DATE:
—	—	1/13/17
DESIGNED: DRA		DRAWN: ASB
CHECKED:		APPROVED:
SHEET NO.: 1 OF 4		

H:\COMMON\CAD\TREATMENT\SS URBANGREEN RAINWATER HARVESTING\40 STANDARD DRAWINGS\GRPE\INDIVIDUAL STANDARD DETAILS\IAPMO\DWG\40 RWH SRPE 120 INCH 22500 GAL CISTERN IAPMO.DWG 1/18/2017 9:59 AM

SPECIFICATION FOR STEEL REINFORCED POLYETHYLENE PIPE

SCOPE

THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE STEEL REINFORCED POLYETHYLENE PIPE DETAILED IN THE PROJECT PLANS.

DESCRIPTION

DUROMAXX IS A REINFORCED POLYETHYLENE PIPE WITH A SMOOTH WATERWAY WALL AND EXTERIOR PROFILE THAT IS REINFORCED WITH HIGH STRENGTH GALVANIZED STEEL RIBS. THE CONTINUOUS REINFORCING RIBS ARE COMPLETELY ENCASED WITHIN THE POLYETHYLENE PROFILE. DUROMAXX IS MANUFACTURED USING A HELICAL WINDING PROCESS THAT RESULTS IN A CONTINUOUSLY FUSION WELDED CIRCUMFERENTIAL LAP SEAM. THE PIPE PROFILE IS MANUFACTURED USING A HIGH QUALITY PRESSURE-RATED THERMOPLASTIC MEETING THE REQUIREMENTS OF ASTM F2562 "STANDARD SPECIFICATION FOR STEEL REINFORCED THERMOPLASTIC RIBBED PIPE AND FITTINGS FOR NON-PRESSURE DRAINAGE AND SEWERAGE". FOR THE PURPOSE OF HYDRAULIC DESIGN, THE RECOMMENDED MANNING'S "N" VALUE SHALL BE 0.012 FOR PIPE DIAMETERS INCLUDED WITHIN THIS SPECIFICATION. PIPE LENGTH & ALL DIMENSIONS SHOWN ARE SUBJECT TO MANUFACTURERS TOLERANCES OF ±1% ACCORDING TO ASTM F2562.

MATERIAL PROPERTIES

VIRGIN HIGH DENSITY POLYETHYLENE PRESSURE-RATED RESINS ARE USED TO MANUFACTURE DUROMAXX PIPE. RESINS SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF CELL CLASSIFICATION 345464 C AS DEFINED AND DESCRIBED IN THE LATEST VERSION OF ASTM D3350 "STANDARD SPECIFICATION FOR POLYETHYLENE PLASTICS PIPE AND FITTINGS MATERIALS".

FITTINGS

ALL FITTINGS SHALL BE FABRICATED FROM DUROMAXX PIPE. ANY FITTINGS 30"Ø AND BELOW WILL BE HDPE PIPE.

ALL FABRICATION OF THE PRODUCT SHALL OCCUR WITHIN THE UNITED STATES.

INSTALLATION

INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D2321 "PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS" ALONG WITH PRODUCT-SPECIFIC RECOMMENDATIONS CONTAINED IN CONTECH INSTALLATION GUIDELINES FOR DUROMAXX PIPE.

INSTALLATION

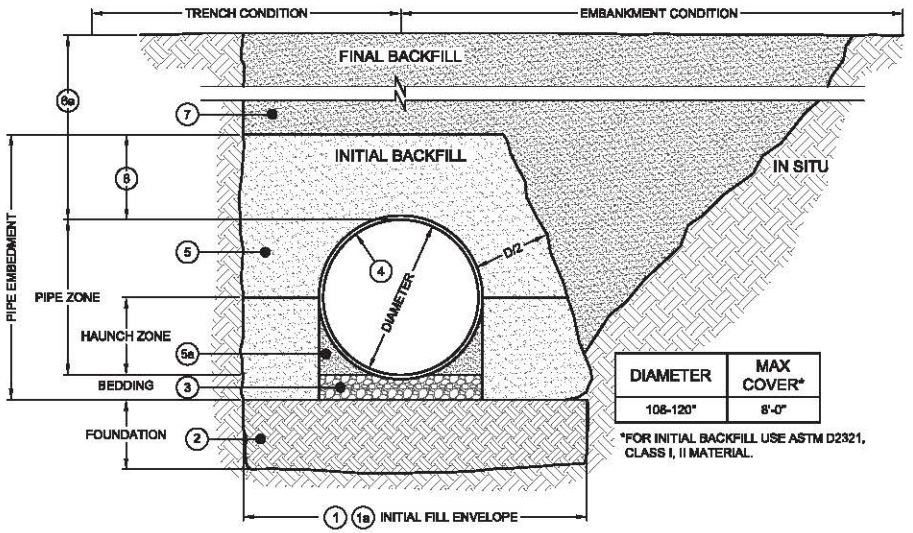
PRE-CONSTRUCTION MEETING

PRIOR TO INSTALLATION OF THE DRAINAGE SYSTEM A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED. THOSE REQUIRED TO ATTEND ARE THE SUPPLIER OF THE DRAINAGE SYSTEM, THE GENERAL CONTRACTOR, SUB CONTRACTORS AND THE ENGINEER.

INSTALLATION OF PIPE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND/OR PROJECT ENGINEER TO ENSURE THAT ALL QUESTIONS ABOUT INSTALLATION ARE ADDRESSED PRIOR TO APPROVAL OF SYSTEM. ALL DETAILS FOR INSTALLATION ARE LOCATED IN THIS DRAWING PACKAGE ANY QUESTIONS CONCERNING THESE STANDARD DETAILS CAN BE ADDRESSED BY YOUR CONTECH REPRESENTATIVE PRIOR TO APPROVAL.

BACKFILL SHALL BE PLACED TO THE PROPER ELEVATION OVER THE SYSTEM AS OUTLINED IN THE PLANS. MINIMUM COVER FOR CONSTRUCTION LOADING NEEDS TO BE DETERMINED BASED ON THE TYPE OF EQUIPMENT THAT IS PLANNED FOR CONSTRUCTION. PROPER COVER FOR CONSTRUCTION EQUIPMENT SHALL BE DETERMINED PRIOR TO THE PRE-CONSTRUCTION MEETING BY THE ENGINEER.



DIAMETER	MAX COVER*
108-120"	8'-0"

*FOR INITIAL BACKFILL USE ASTM D2321, CLASS I, II MATERIAL.

(1) MINIMUM TRENCH WIDTH MUST ALLOW ROOM FOR PROPER COMPACTION OF HAUNCH MATERIALS UNDER PIPE. MIN. WIDTH = (1.25 x DIAMETER) + 12" (FOLLOW ASTM D2321)

(1a) MINIMUM EMBANKMENT WIDTH IS 3 PIPE DIAMETERS.

(2) FOUNDATION SHALL BE WELL CONSOLIDATED & STABLE.

(3) BEDDING MATERIAL SHALL BE A RELATIVELY LOOSE MATERIAL THAT IS ROUGHLY SHAPED TO FIT THE BOTTOM OF THE PIPE, 4" TO 6" IN DEPTH.

(4) DUROMAXX STEEL REINFORCED (SRPE) PIPE.

(5) INITIAL BACKFILL FOR PIPE EMBEDMENT MATERIAL TO MEET ASTM D2321 CLASS I OR APPROVED EQUAL, COMPACTED TO 90% STANDARD PROCTOR (NATIVE MATERIAL CAN BE UTILIZED THAT MEETS ASTM D2321 OR APPROVED EQUAL).
- ALL LIFTS PLACED IN CONTROLLED MANNER. TO PREVENT UNEVEN LOADING, IT IS RECOMMENDED THAT LIFTS NOT EXCEED 8" UNCOMPACTED LIFT HEIGHTS.

(5a) HAUNCH ZONE MATERIAL SHALL BE HAND SHOVELED OR SHOVEL SLICED INTO PLACE TO ALLOW FOR PROPER COMPACTION.

(8) INITIAL BACKFILL ABOVE PIPE MAY INCLUDE ROAD BASE MATERIAL AND RIGID PAVEMENT, MINIMUM COVER STILL APPLIES, OTHERWISE:
18" MINIMUM FOR PIPE DIAMETERS 108" - 120"

(8a) HEIGHT OF COMPACTED COVER PER DIAMETER FOR CONVENTIONAL HIGHWAY LOADS (DISTANCE MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TOP OF RIGID PAVEMENT):
36" MINIMUM FOR PIPE DIAMETERS 120"

(7) FINAL BACKFILL MATERIAL SELECTION AND COMPACTION REQUIREMENTS PER THE PROJECT PLANS, SPECIFICATIONS. ENGINEER OF RECORD.

NOTES:
- GEOTEXTILE SHALL BE USED AS REQUIRED TO PREVENT SOIL MIGRATION.
- FOR MULTIPLE BARREL INSTALLATION THE RECOMMENDED STANDARD SPACING BETWEEN PARALLEL PIPE RUNS SHALL BE = PIPE DIA./2 OR 3' FOR PIPE DIAMETERS 72" AND LARGER. CONTACT YOUR CONTECH REPRESENTATIVE FOR NONSTANDARD SPACING.
- BACKFILL REQUIREMENTS SHALL FOLLOW ASTM D2321. IN THE EVENT OF DISCREPANCIES, ASTM D2321 SHALL SUPERCEDE THIS DETAIL.

1 BACKFILL DETAIL
2 SCALE: N.T.S.

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200 Enterprise Drive, Scarborough, ME 04074
877-907-8676 207-885-6630 207-885-9825 FAX

URBANGREEN

Ø120" URBANGREEN RWH SRPE CISTERN
Ø120" X 40' LONG
22,500 GAL
IAPMO CERTIFIED

PROJECT No.:	SEQ. No.:	DATE:
—	—	1/13/17
DESIGNED: DRA		DRAWN: ASB
CHECKED:		APPROVED:
SHEET NO.: 2 OF 4		

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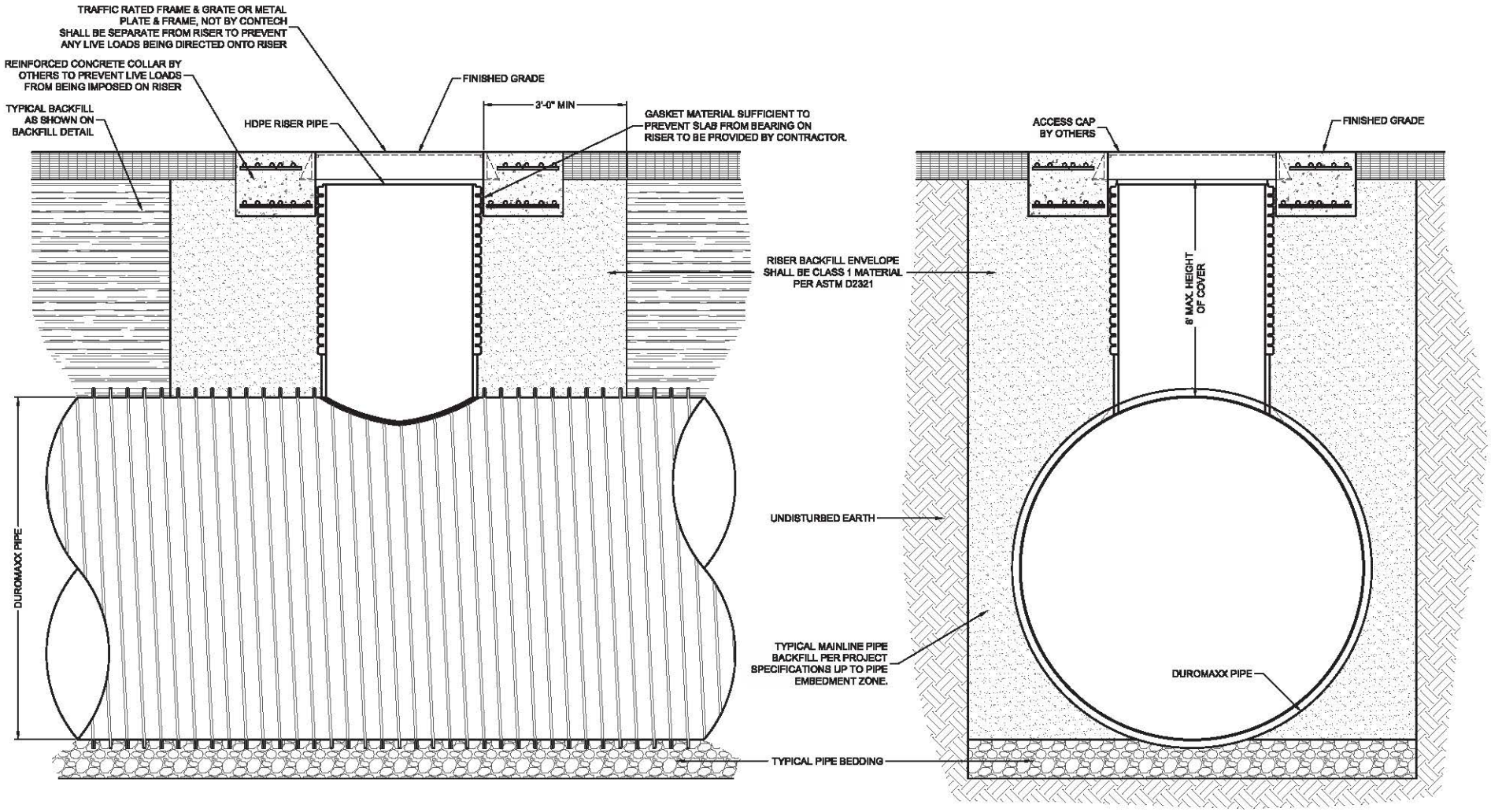

2/3 STANDARD RISER INSTALLATION DETAIL
SCALE: N.T.S.

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11815 NE Glenn Widing Drive, Portland, OR 97220
800-548-4667 503-240-3393 800-661-1271 FAX

URBANGREEN

Ø120" URBANGREEN RWH SRPE CISTERN
Ø120" X 40' LONG
22,500 GAL
IAPMO CERTIFIED

PROJECT No.:	SEQ. No.:	DATE:
—	—	1/13/17
DESIGNED: DRA		DRAWN: ASB
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SHEET NO.: 3 OF 4		

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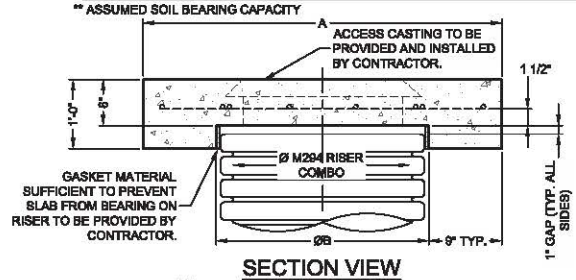
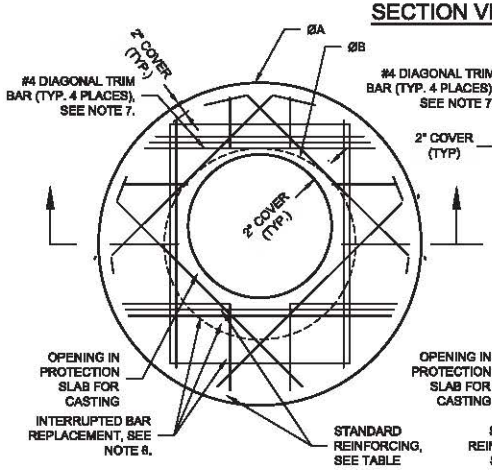
REINFORCING TABLE				
RISER Ø	A	Ø B	REINFORCING	**BEARING PRESSURE (PSF)
36"	Ø 5'-0" 5'-0" X 5'-0"	42"	#4 @ 9" OCEW #4 @ 7" OCEW	2,410 1,660

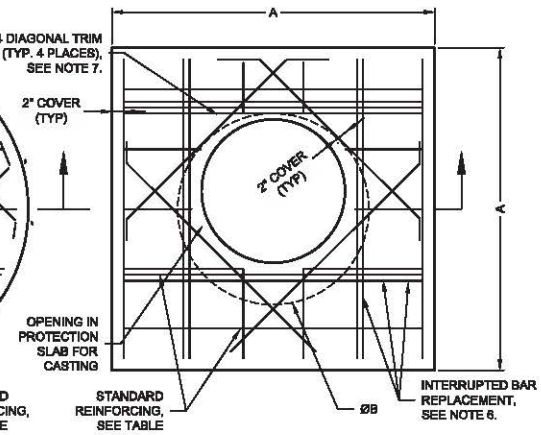
** ASSUMED SOIL BEARING CAPACITY



SECTION VIEW



ROUND OPTION PLAN VIEW



SQUARE OPTION PLAN VIEW

NOTES:

1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
2. DESIGN LOAD HS25.
3. EARTH COVER = 1' MAX.
4. CONCRETE STRENGTH = 3,500 psi
5. REINFORCING STEEL = ASTM A615, GRADE 60.
6. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON NY.

4/4 MANHOLE CAP DETAIL
SCALE: N.T.S.

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URBANGREEN

Ø120" URBANGREEN RWH SRPE CISTERN
Ø120" X 40' LONG
22,500 GAL
IAPMO CERTIFIED

PROJECT No.:	SEQ. No.:	DATE:
—	—	1/13/17
DESIGNED: DRA	DRAWN: ASB	
CHECKED:	APPROVED:	
SHEET NO.: 4 OF 4		

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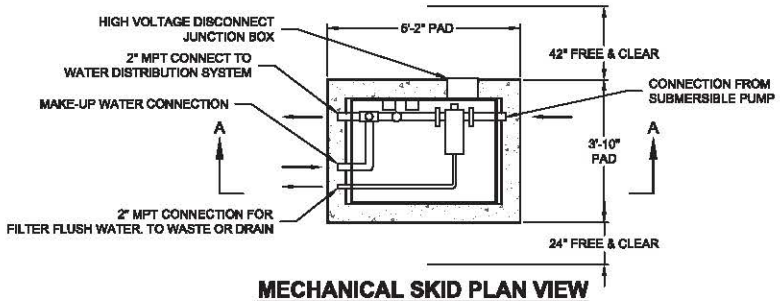
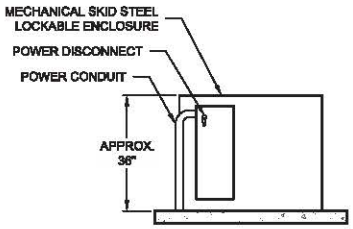


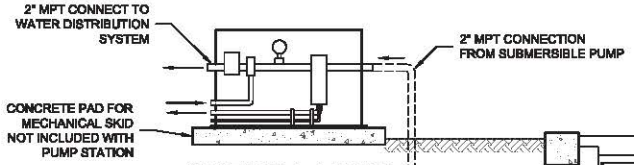
MECHANICAL SKID PLAN VIEW
(COVER NOT SHOWN FOR CLARITY)

MATERIAL LIST

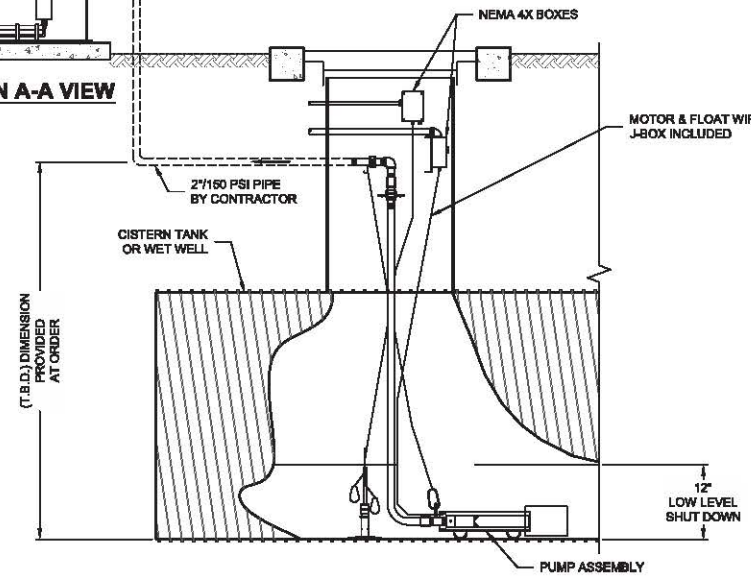
DESCRIPTION	PROVIDED BY	INSTALLED BY
PUMP ASSEMBLY WITH FLEXIBLE DISCHARGE PIPE	CONTECH	CONTRACTOR
LOW LEVEL PUMP SHUT OFF FLOAT	CONTECH	CONTRACTOR
3-WAY VALVE FLOAT	CONTECH	CONTRACTOR
MECHANICAL SKID (SEE GENERAL NOTE 5)	CONTECH	CONTRACTOR
NEMA 4X REMOTE DISCONNECT	CONTECH	CONTRACTOR
NEMA 4X LOW VOLTAGE ELECTRICAL J-BOX	CONTECH	CONTRACTOR
FLOAT SWITCH	CONTECH	CONTRACTOR
3-WAY VALVE	CONTECH	CONTRACTOR
STEEL LOCKABLE ENCLOSURE	CONTECH	CONTRACTOR
CONCRETE PAD FOR SKID	CONTRACTOR	CONTRACTOR
WATER LINES TO AND FROM REMOTE COMPONENTS	CONTRACTOR	CONTRACTOR
WIRE AND CONDUIT FROM REMOTE COMPONENTS	CONTRACTOR	CONTRACTOR



REAR VIEW



SECTION A-A VIEW



CISTERN AND PUMP ELEVATION VIEW

DESCRIPTION OF OPERATION:

- PUMP WILL OPERATE WHEN A PRESSURE DROP IN THE FINAL USE WATER LINE IS DETECTED AND A CONSTANT PRESSURE WILL BE MAINTAINED AT A VARIABLE FLOW RATE. PUMP WILL SHUT OFF BASED ON A MINIMUM FLOW RATE AND SET PRESSURE WHICH ARE ADJUSTABLE.
- WATER WILL BE PULLED FROM THE CISTERN UNTIL THE WATER REACHES THE LOW LEVEL FLOAT ELEVATION, AT WHICH POINT THE AUTOMATIC VALVE WILL SWITCH TO MAKE-UP WATER. THE PUMP WILL OPERATE AGAIN WHEN THE WATER LEVEL RISES ABOVE THE LOW LEVEL SET POINT.
- LOW LEVEL ALARM MUST BE RESET FOR THE PUMP TO RESUME OPERATION.
- THE PUMP WILL TOTALIZE ALL WATER THAT IS PUMPED FROM THE CISTERN.
- FINAL FILTRATION HAS A MANUAL BACKFLUSH VALVE WHICH THE OWNER IS RESPONSIBLE TO BACKFLUSH TO KEEP THE SYSTEM OPERATIONAL.
- OWNER RESPONSIBLE FOR THE MAKE-UP WATER METER, BACKFLOW PREVENTOR AND ANY OTHER REGULATING DEVICES THAT ARE REQUIRED. CITY WATER CAPACITY MUST BE VERIFIED TO ENSURE THAT IT IS GREATER THAN THE PUMP FLOW AND PRESSURE SET POINTS BUT LESS THAN 125 PSI.
- CONTROL PANEL TO INCLUDE:
  - MULTI-LINE LCD OPERATOR INTERFACE
  - FLOW SENSOR DISPLAY AND TOTALIZER
  - PRESSURE DISPLAY AND SET POINT
  - PUMP OPERATIONAL STATUS AND RUN-TIME HOURS
  - VFD PRESSURE REGULATION
  - BRANCH CIRCUIT PROTECTION
  - NON-FUSABLE MAIN DISCONNECT

GENERAL NOTES:

1. CONCEPT DRAWING ONLY
2. NOT TO SCALE
3. ALL PIPING INSIDE THE MECHANICAL SKID SHALL BE Ø2" SCH. 80 PVC OR Ø2" SCH 40 STEEL
4. SOURCE POWER
   ENCLOSURE: 480v/3PHZ, T.B.D. FLA
5. MECHANICAL SKID COMPRISED OF STEEL ENCLOSURE, VARIABLE SPEED PUMP CONTROLLER, NEMA 4X JUNCTION BOX WITH ELECTRICAL DISCONNECT SWITCH, PRESSURE GAUGE, MANUAL FLUSHING 100 MICRON FILTER AND, DISCHARGE ISOLATION VALVE

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800-338-1122 513-645-7000 513-645-7993 FAX

URBANGREEN

CONTECH STANDARD DRAWING

RWH MECHANICAL SYSTEM - LEVEL 2

UP TO 40 GPM AT UP TO 60 PSI

PROJECT No.:	REQ. No.:	DATE:
DESIGNED:	DRAWN:	
CHECKED: —	APPROVED: —	
SHEET NO.: 1 OF 1		

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APPENDIX D

BMP CDS SYSTEM UNITS

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
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Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com

Peak Flow Hydrologic Analysis

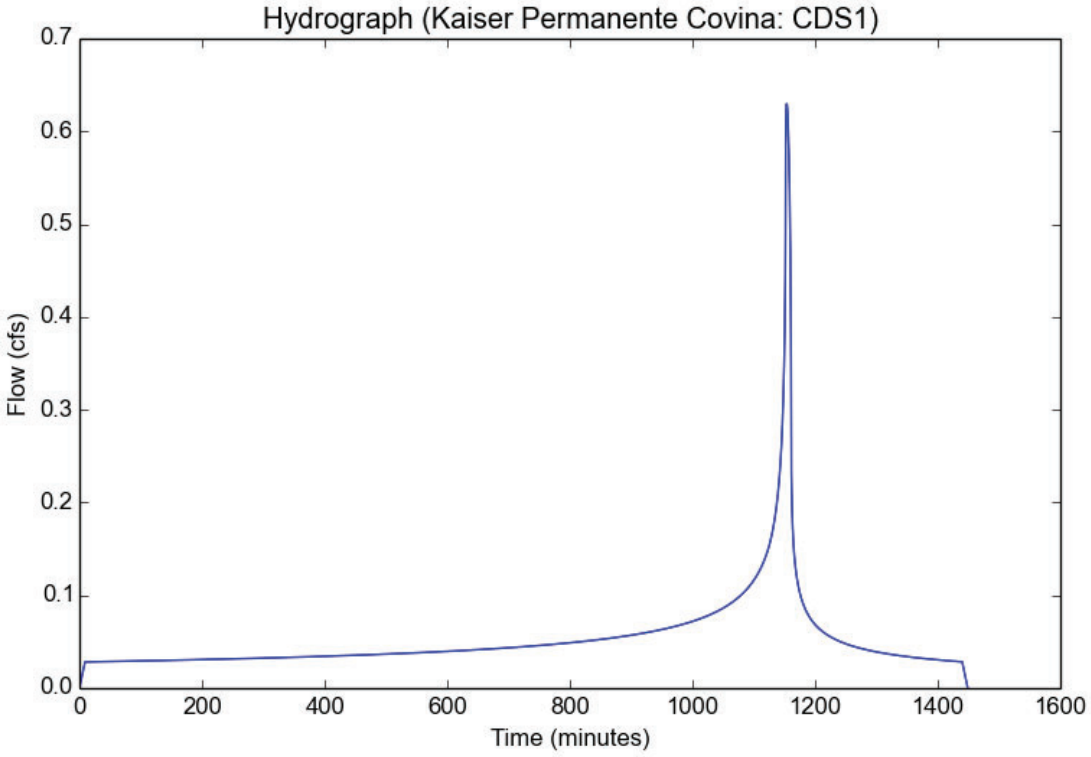
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permanente Covina - CDS1-85th.pdf
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Kaiser Permanente Covina
Subarea ID	CDS1
Area (ac)	1.65
Flow Path Length (ft)	157.02
Flow Path Slope (vft/hft)	0.033428
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.84
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4526
Undeveloped Runoff Coefficient (Cu)	0.5452
Developed Runoff Coefficient (Cd)	0.8432
Time of Concentration (min)	9.0
Clear Peak Flow Rate (cfs)	0.6297
Burned Peak Flow Rate (cfs)	0.6297
24-Hr Clear Runoff Volume (ac-ft)	0.1061
24-Hr Clear Runoff Volume (cu-ft)	4622.0655



Peak Flow Hydrologic Analysis

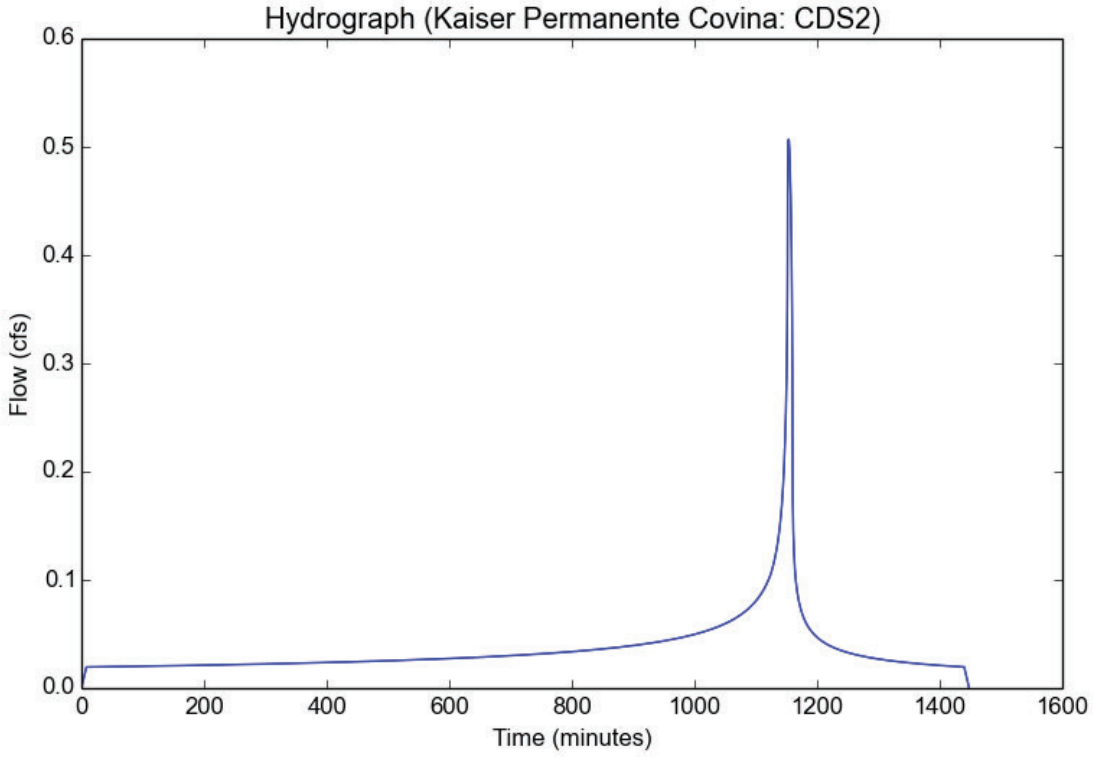
File location: Z:/VCA Projects 5/2013 to XXX/2069-219 Kaiser Permanente Covina/Calcs/Kaiser Permanente Covina - CDS2-85th.pdf
Version: HydroCalc 1.0.3

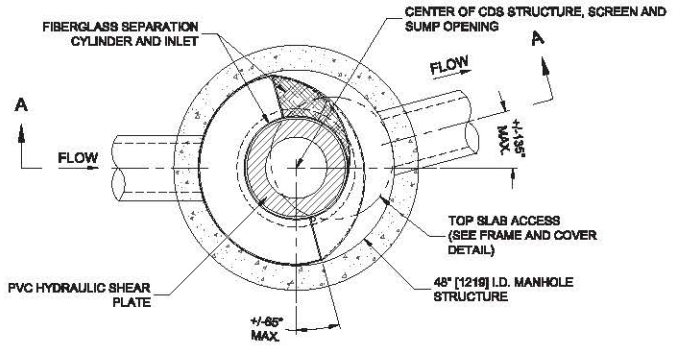
Input Parameters

Project Name	Kaiser Permanente Covina
Subarea ID	CDS2
Area (ac)	1.33
Flow Path Length (ft)	117.16
Flow Path Slope (vft/hft)	0.04666
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.7
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

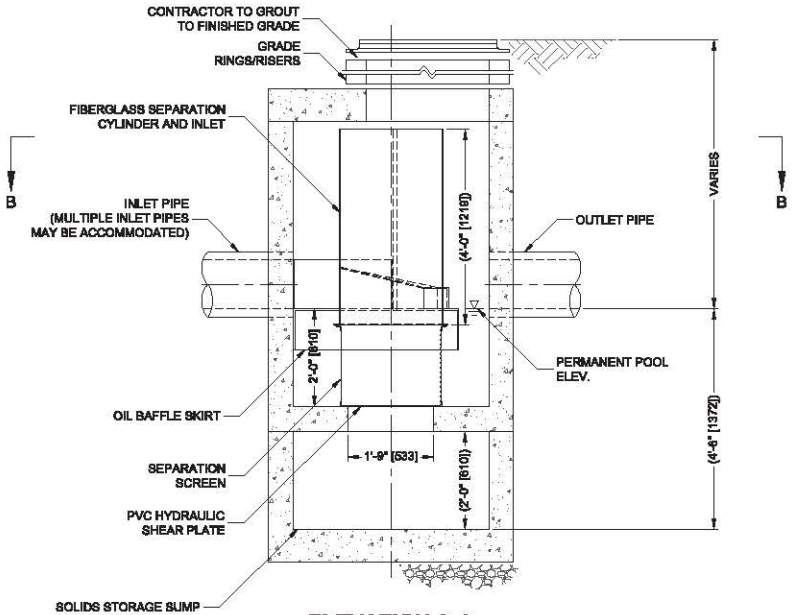
Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.4784
Undeveloped Runoff Coefficient (Cu)	0.5557
Developed Runoff Coefficient (Cd)	0.7967
Time of Concentration (min)	8.0
Clear Peak Flow Rate (cfs)	0.5069
Burned Peak Flow Rate (cfs)	0.5069
24-Hr Clear Runoff Volume (ac-ft)	0.0738
24-Hr Clear Runoff Volume (cu-ft)	3215.2422





PLAN VIEW B-B
N.T.S.



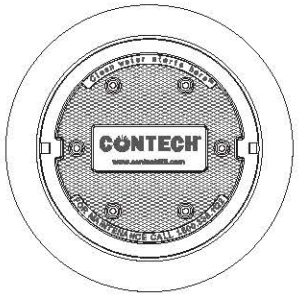
ELEVATION A-A
N.T.S.

CDS2015-4-C DESIGN NOTES

CDS2015-4-C RATED TREATMENT CAPACITY IS 0.7 CFS [19.8 L/s], OR PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY IS 10.0 CFS [283 L/s]. IF THE SITE CONDITIONS EXCEED 10.0 [283 L/s] CFS, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS OR L/s)	*
PEAK FLOW RATE (CFS OR L/s)	*
RETURN PERIOD OF PEAK FLOW (YRS)	*
SCREEN APERTURE (2400 OR 4700)	*

PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	*	*	*
INLET PIPE 2	*	*	*
OUTLET PIPE	*	*	*

RIM ELEVATION	*

ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
3. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO..
5. IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
6. CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH ENGINEERED SOLUTIONS LLC
www.contechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CDS2015-4-C
ONLINE CDS
STANDARD DETAIL

\\AD.CONTECH-CPI.COM\ROOT\COMMON\CAD\TREATMENT\22 CDS\40 STANDARD DRAWINGS\ONLINE (CDS-C)\DWG\CDS2015-4-C-DTL.DWG 9/29/2015 8:05 AM

APPENDIX E

SOILS REPORT

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
Tel: 323-729-6098 ▪ **Fax:** 323-729-6043
e-mail: vca@vcaeng.com

Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com

REPORT SUMMARY

Topic [1]	Overview Statement [2]
Project Description	The project area includes two adjacent parcels forming a contiguous area of approximately 3.5 acres. The planned project includes a Medical Office Building (MOB) and associated parking and may include a parking structure. Adjacent parcels are developed with office and single-family residential.
Geotechnical Characterization	■ No top soil was encountered. ■ Undocumented fill was encountered at depths between 2-1/2 and 12 feet deep ■ Native soils are generally in medium dense to dense status. ■ Bedrock was encountered at depths between 5 and 20 feet ■ Groundwater was encountered at 39 feet ■ Liquefaction hazard potential is low ■ Seismic settlement is negligible
Earthwork	Remove existing fill where encountered. Existing soils can be used for engineered fill The required subexcavation should extend at least 3 feet laterally beyond the footing lines for excavation depth up to 5 feet and 5 feet for excavation depth greater than 5 feet.
Shallow Foundations	■ Shallow foundations will be sufficient if the site is prepared following the recommendations in Earthwork. ■ 24 inches compacted fill or competent native underneath footing. ■ Allowable bearing pressure: 2,200 pounds per square foot (psf) with minimum footing width and depth, up to 5,000 psf with increased footing width and/or depth ■ Expected settlements: < 1 inch total, < 1/2 inch differential.
Deep Foundations	Deep foundations are not necessary for this site
Below Grade Structures	Anticipated sub level of parking structure
Pavements	With subgrade prepared as noted in Earthwork Asphalt: ■ Auto Parking Areas: 0.25' HMA[3]/0.80' Class 2 AB[4] ■ Auto Roads: 0.25' HMA/0.95' Class 2 AB ■ Truck Parking Areas: 0.30' HMA/1.00' Class 2 AB ■ Truck Ramps and Roads: 0.40' HMA/1.45' Class 2 AB Concrete: ■ Light Duty: 5.0" PCC/Compacted Fill ■ Medium Duty: 6.0" PCC/Compacted Fill ■ Dumpster Pad: 7.5" PCC/Compacted Fill
General Comments	This section contains important information about the limitations of this geotechnical engineering report.

1. If the reader is reviewing this report as a pdf, the topics above can be used to access the appropriate section of the report by simply clicking on the topic itself.
2. This summary is for convenience only. It should be used in conjunction with the entire report for design purposes.

We calculated a deterministic geomean PGA of 0.78g and geomean probabilistic PGA of 0.82g. The lesser of the values, 0.78g is greater than 80 percent of the geomean PGA determined by the General Method. Therefore, the site-specific GeoMean PGA_M was taken as 0.78g.

2.0 SEISMIC SETTLEMENT

Based on the site-specific ground motion evaluation, the value of GeoMean PGA (0.78g) is the same as the general method value for the 2016 CBC. Therefore, the conclusions of no liquefaction potential and negligible seismic settlement provided in the March 13, 2018 report remain valid and applicable to the project as currently proposed.

3.0 FEASIBILITY OF ON-SITE INFILTRATION

Based on our field investigation, laboratory testing results and experience in similar soils, it is our opinion that the fines and clay content and shallow siltstone bedrock will limit infiltration to less than than 0.3 inches per hour. We understand that the project design has accommodated this condition and that measures for stormwater handling are incorporated into the project plans.

4.0 SEISMIC LATERAL EARTH PRESSURES

Seismic Lateral Earth Pressure (Cantilevered Wall)

The seismic earth pressure acting on a cantilevered retaining wall was calculated by the Mononobe-Okabe ("M-O") method (Okabe, 1926; Mononobe and Matsuo, 1929). According to AASHTO (LRFD Bridge Design Specifications, Sixth Edition, 2012, Section C11.8.6.2 and A11.3.2), the resulting pseudostatic horizontal seismic coefficient, k_h, could be reduced by 50 percent when 1.0 to 2.0 inches of permanent ground deformation is permitted during the design seismic event, i.e., the pseudostatic horizontal seismic coefficient (k_h) be taken equal to one-half of the PGA, which equates to 0.38g. The pseudostatic vertical seismic coefficient (k_v) is usually taken as 0.0g in accordance with AASHTO (2012). For retaining walls with on-site soils as backfill materials, a unit weight of 122 pounds per cubic foot (pcf) and a friction angle of 30 degrees were utilized in the calculation. These values should be verified prior to construction when the backfill materials and conditions have been determined and are applicable only to level, properly drained backfill with no additional surcharge loadings.

The total lateral active seismic earth pressure (including static active earth pressure) developed at a rate of 81 psf per foot of depth should be utilized for unrestrained conditions. A triangular distribution of total seismic earth pressure (Exhibit D-1[c]) should be used in the design (Atik & Sitar, 2010).

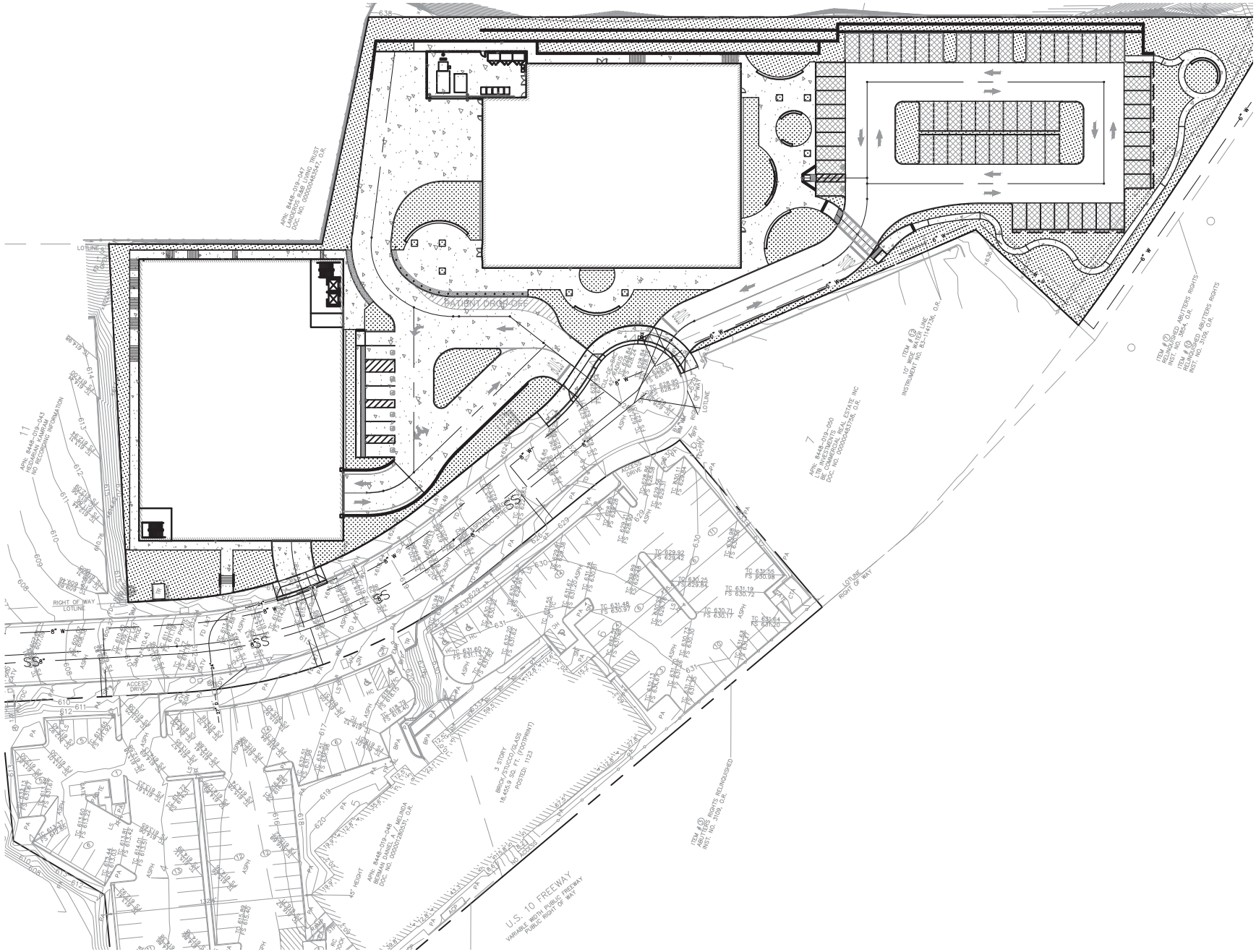
The above lateral earth pressures are for level backfill. If inclined backfills are proposed, this firm should be contacted.

APPENDIX H

SURVEY PLAN

Los Angeles County
1041 S. Garfield Ave. Suite #210, Los Angeles CA 91801
Tel: 323-729-6098 ▪ **Fax:** 323-729-6043
e-mail: vca@vcaeng.com

Orange County
2151 Michelson Dr. # 242, Irvine, CA 92612
Tel: 949-679-0870 ▪ **Fax:** 949-679-9370
www.vcaeng.com



PATIENT DROP-OFF
ACCESS DRIVE
RIGHT OF WAY
LOTLINE
U.S. 10 FREEWAY
VARIABLE WIDTH PUBLIC FREEWAY
PUBLIC RIGHT OF WAY
3 STORY
BRICK/STUCCO/GLASS
18,455.9 SQ. FT. (FOOTPRINT)
POSTED: 1123
APN: 8448-019-047
LANDERDS R&B LIVING TRUST
DOC. NO. 000000483547, O.R.
APN: 8448-019-043
HEDARIAN KAMRAM
NO RECORDING INFORMATION
APN: 8448-019-050
LTB INVESTMENTS
BE COMMERCIAL REAL ESTATE INC
DOC. NO. 000000483758, O.R.
APN: 8448-019-048
BERMAN DANIEL A / MELINDA
DOC. NO. 000001280531, O.R.
ITEM # 12
INSTRUMENT NO. 83-1141736, O.R.
ITEM # 10
RELINQUISHED ABUTTERS RIGHTS
INST. NO. 3854, O.R.
ITEM # 10
RELINQUISHED ABUTTERS RIGHTS
INST. NO. 3109, O.R.
ITEM # 10
ABUTTERS RIGHTS RELINQUISHED
INST. NO. 3109, O.R.

APPENDIX I

Noise Impact Modeling Data

Noise Field Data

DUDEK
CREATOR OF KERATA TECHNOLOGY

FIELD DATA REPORT

Field Noise Measurement Data

Record: 791	
Project Name	*Park Hotel Covina*
Observer(s)	*Connor Burke*
Date	*2017-10-17*
autoemail	*cburke@dudek.com*

Meteorological Conditions	
Temp (F)	*80*
Humidity % (R.H.)	*60*
Wind	*Light*
Wind Speed (MPH)	*4*
Wind Direction	*East*
Sky	*Sunny*

Instrument and Calibrator Information	
Instrument Name List	*(ENC) Rion NL-52*
Instrument Name	*(ENC) Rion NL-52*
Instrument Name Lookup Key	*(ENC) Rion NL-52*
Manufacturer	*Rion*
Model	*NL-52*
Serial Number	*553896*
Calibrator Name	*(ENC) LD CAL150*
Calibrator Name	*(ENC) LD CAL150*
Calibrator Name Lookup Key	*(ENC) LD CAL150*
Calibrator Manufacturer	*Larson Davis*
Calibrator Model	*LD CAL150*
Calibrator Serial #	*5152*
Pre-Test (dBA SPL)	*94*
Post-Test (dBA SPL)	*94*
Windscreen	*Yes*
Weighting?	*A-WTD*
Slow/Fast?	*Slow*
ANSI?	*Yes*

Recordings	
Record #	*1*
Site ID	*ST6*
Site Location	*Latitude:34.069671, Longitude:-117.865826, Altitude:170.182461, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:3.000000, Time:1:35:10 PM PDT*
Begin (Time)	*13:34:00*
End (Time)	*13:49:00*
Leq	*67.7*
Lmax	*87.8*
Lmin	*57.5*
Other Lx?	*L90, L50, L10*
L90	*60.1*
L50	*62.6*
L10	*66.6*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Aircraft, Distant Industrial, Distant Traffic*

powered by ZerionSoftware

Other Noise Sources Additional Description	*Trash truck. Construction noise.*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Source Info and Traffic Counts	
Distance to Roadway (feet)	*15*
Distance to Roadway - Centerline/Edge of Pavement	*Centerline*
Estimated Vehicle Speed (MPH)	*25*
Count Duration (Min)	*15*

Traffic Counts	
Counting Both Directions?	*Yes*
Vehicle Count Tally	*153*
Autos	*1*
Number of Vehicles - Autos	*153*
Medium Trucks	*1*
Number of Vehicles - Medium Trucks	*10*

Description / Photos

Site Photos

Photo

Comments / Description	*Facing north towards holt.*

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Recordings	
Record #	*2*
Site ID	*ST4*
Site Location	*Latitude:34.069292, Longitude:-117.860365, Altitude:193.725430, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:4.000000, Time:1:59:03 PM PDT*
Begin (Time)	*13:58:00*
End (Time)	*14:08:00*
Leq	*58.9*
Lmax	*66.3*
Lmin	*55.1*
Other Lx?	*L90, L50, L10*
L90	*56.8*
L50	*58.6*
L10	*60.6*
Other (Specify Metric)	
Primary Noise Source	*Other*
Primary Noise Source Other	*Distant traffic from 10 fwy.*
Other Noise Sources (Background)	*Birds, Distant Aircraft, Distant Traffic*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Description / Photos

Site Photos

Photo

Comments / Description	*Facing south west.*

powered by ZerionSoftware

Recordings	
Record #	*3*
Site ID	*ST3*
Site Location	*Latitude:34.069272, Longitude:-117.859705, Altitude:197.340603, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:4.000000, Time:2:11:01 PM PDT*
Begin (Time)	*14:10:00*
End (Time)	*14:20:00*
Leq	*63.5*
Lmax	*67.5*
Lmin	*59.5*
Other Lx?	*L90, L50, L10*
L90	*61.6*
L50	*63.3*
L10	*64.9*
Other (Specify Metric)	
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Aircraft, Distant Traffic, Rustling Leaves*
Other Noise Sources Additional Description	*Traffic from freeway dominant*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Description / Photos

Site Photos	
Photo	
Comments / Description	*Facing southwest towards freeway.*

powered by ZerionSoftware

Recordings	
Record #	*4*
Site ID	*ST1*
Site Location	*Latitude:34.068940, Longitude:-117.859859, Altitude:196.366909, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:3.000000, Time:2:22:12 PM PDT*
Begin (Time)	*14:22:00*
End (Time)	*14:32:00*
Leq	*67.2*
Lmax	*70.5*
Lmin	*63.6*
Other Lx?	*L90, L50, L10*
L90	*65.5*
L50	*67*
L10	*68.5*
Other (Specify Metric)	
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Aircraft, Distant Traffic, Rustling Leaves*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Description / Photos

Site Photos	
Photo	
Comments / Description	*Facing south towards freeway*

powered by ZerionSoftware

Recordings	
Record #	*5*
Site ID	*ST2*
Site Location	*Latitude:34.069308, Longitude:-117.860037, Altitude:194.692593, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:4.000000, Time:2:33:42 PM PDT*
Begin (Time)	*14:33:00*
End (Time)	*14:43:00*
Leq	*62.3*
Lmax	*66.1*
Lmin	*58.5*
Other Lx?	*L90, L50, L10*
L90	*60.6*
L50	*62.2*
L10	*63.6*
Other (Specify Metric)	
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Aircraft, Distant Traffic, Rustling Leaves*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Description / Photos

Site Photos	
Photo	
Comments / Description	*Facing south freeway.*

powered by ZerionSoftware

Recordings	
Record #	*6*
Site ID	*ST5*
Site Location	*Latitude:34.071635, Longitude:-117.860175, Altitude:184.188869, Speed:0.000000, Horizontal Accuracy:5.000000, Vertical Accuracy:4.000000, Time:2:48:13 PM PDT*
Begin (Time)	*14:48:00*
End (Time)	*15:03:00*
Leq	*64.8*
Lmax	*73*
Lmin	*52.2*
Other Lx?	*L90, L50, L10*
L90	*55.2*
L50	*60.3*
L10	*69.5*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Aircraft, Distant Traffic, Rustling Leaves*
Is the same instrument and calibrator being used as previously notated?	*Yes*
Are the meteorological conditions the same as previously notated?	*Yes*

Description / Photos

Site Photos	
Photo	
Comments / Description	*Facing north.*

powered by ZerionSoftware

NOISE APPENDIX

Construction Noise Modeling Data

Report date: 11/7/2019
Case Description: Covina Kaiser MOB - Site Preparation

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Receiver 20'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	20	0
Front End Loader	No	40		79.1	20	0
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0

Results

Equipment	Calculated (dBA) *Lmax	Leq
Excavator	88.7	84.7
Front End Loader	87.1	83.1
Backhoe	85.5	81.5
Backhoe	85.5	81.5
Total	88.7	88.9

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	84	0
Front End Loader	No	40		79.1	84	0
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0

		Results	
		Calculated (dBA)	
Equipment		*Lmax	Leq
Excavator		76.2	72.2
Front End Loader		74.6	70.6
Backhoe		73.1	69.1
Backhoe		73.1	69.1
	Total	76.2	76.5

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/7/2019
Case Description: Covina Kaiser MOB -Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Receiver 20'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		20	0
Grader	No	40	85		20	0
Scraper	No	40		83.6	20	0
Scraper	No	40		83.6	20	0
Scraper	No	40		83.6	20	0
Scraper	No	40		83.6	20	0

Results

Equipment		Calculated (dBA) *Lmax	Leq
Grader		93	89
Grader		93	89
Scraper		91.5	87.6
Scraper		91.5	87.6
Scraper		91.5	87.6
Scraper		91.5	87.6
	Total	93	95.9

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		84	0
Grader	No	40	85		84	0
Scraper	No	40		83.6	84	0
Scraper	No	40		83.6	84	0

Scraper	No	40	83.6	84	0
Scraper	No	40	83.6	84	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Grader	80.5	76.5
Grader	80.5	76.5
Scraper	79.1	75.1
Scraper	79.1	75.1
Scraper	79.1	75.1
Scraper	79.1	75.1
Total	80.5	83.4

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/7/2019
Case Description: Covina Kaiser MOB_Trenching

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Nearest Receiver 20'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0
Excavator	No	40		80.7	20	0
Excavator	No	40		80.7	20	0
Excavator	No	40		80.7	20	0
Excavator	No	40		80.7	20	0

Results

Calculated (dBA)

Equipment		*Lmax	Leq
Backhoe		85.5	81.5
Backhoe		85.5	81.5
Backhoe		85.5	81.5
Backhoe		85.5	81.5
Excavator		88.7	84.7
Excavator		88.7	84.7
Excavator		88.7	84.7
Excavator		88.7	84.7
	Total	88.7	92.4

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0
Excavator	No	40		80.7	84	0
Excavator	No	40		80.7	84	0
Excavator	No	40		80.7	84	0
Excavator	No	40		80.7	84	0

Results

Calculated (dBA)

Equipment		*Lmax	Leq
Backhoe		73.1	69.1
Backhoe		73.1	69.1
Backhoe		73.1	69.1
Backhoe		73.1	69.1
Excavator		76.2	72.2
Excavator		76.2	72.2
Excavator		76.2	72.2
Excavator		76.2	72.2
	Total	76.2	80

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/7/2019
Case Description: Covina Kaiser MOB - Building Construction

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Nearest Receiver 20"	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	20	0
Man Lift	No	20		74.7	20	0
Man Lift	No	20		74.7	20	0
Gradall	No	40		83.4	20	0
Gradall	No	40		83.4	20	0
Welder / Torch	No	40		74	20	0
Welder / Torch	No	40		74	20	0
Welder / Torch	No	40		74	20	0

Results

Calculated (dBA)

Equipment		*Lmax	Leq
Crane		88.5	80.6
Man Lift		82.7	75.7
Man Lift		82.7	75.7
Gradall		91.4	87.4
Gradall		91.4	87.4
Welder / Torch		82	78
Welder / Torch		82	78
Welder / Torch		82	78
	Total	91.4	91.7

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Equipment

Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	84	0
Man Lift	No	20		74.7	84	0
Man Lift	No	20		74.7	84	0
Gradall	No	40		83.4	84	0
Gradall	No	40		83.4	84	0
Welder / Torch	No	40		74	84	0
Welder / Torch	No	40		74	84	0
Welder / Torch	No	40		74	84	0

Results

Calculated (dBA)

Equipment		*Lmax	Leq
Crane		76	68.1
Man Lift		70.2	63.2
Man Lift		70.2	63.2
Gradall		78.9	74.9
Gradall		78.9	74.9
Welder / Torch		69.5	65.5
Welder / Torch		69.5	65.5
Welder / Torch		69.5	65.5
	Total	78.9	79.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/7/2019
Case Description: Covina Kaiser MOB_Paving

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Nearest Receiver 20'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	20	0
Concrete Mixer Truck	No	40		78.8	20	0
Paver	No	50		77.2	20	0
Roller	No	20		80	20	0
Roller	No	20		80	20	0
Roller	No	20		80	20	0
Excavator	No	40		80.7	20	0
Excavator	No	40		80.7	20	0
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0
Backhoe	No	40		77.6	20	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Concrete Mixer Truck	86.8	82.8
Concrete Mixer Truck	86.8	82.8
Paver	85.2	82.2
Roller	88	81
Roller	88	81
Roller	88	81
Excavator	88.7	84.7
Excavator	88.7	84.7
Backhoe	85.5	81.5
Backhoe	85.5	81.5
Backhoe	85.5	81.5
Total	88.7	92.9

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	84	0
Concrete Mixer Truck	No	40		78.8	84	0
Paver	No	50		77.2	84	0
Roller	No	20		80	84	0
Roller	No	20		80	84	0
Roller	No	20		80	84	0
Excavator	No	40		80.7	84	0
Excavator	No	40		80.7	84	0
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0
Backhoe	No	40		77.6	84	0

Results

Calculated (dBA)

Equipment		*Lmax	Leq
Concrete Mixer Truck		74.3	70.3
Concrete Mixer Truck		74.3	70.3
Paver		72.7	69.7
Roller		75.5	68.5
Roller		75.5	68.5
Roller		75.5	68.5
Excavator		76.2	72.2
Excavator		76.2	72.2
Backhoe		73.1	69.1
Backhoe		73.1	69.1
Backhoe		73.1	69.1
	Total	76.2	80.4

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/7/2019
Case Description: Covina Kaiser MOB_Architectural Coating

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Receiver 20"	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	20	0
Compressor (air)	No	40		77.7	20	0
Man Lift	No	20		74.7	20	0
Man Lift	No	20		74.7	20	0

Results

		Calculated (dBA)	
Equipment		*Lmax	Leq
Compressor (air)		85.6	81.6
Compressor (air)		85.6	81.6
Man Lift		82.7	75.7
Man Lift		82.7	75.7
	Total	85.6	85.6

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Acoustical Center 84'	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	84	0
Compressor (air)	No	40		77.7	84	0
Man Lift	No	20		74.7	84	0
Man Lift	No	20		74.7	84	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Compressor (air)	73.2	69.2
Compressor (air)	73.2	69.2
Man Lift	70.2	63.2
Man Lift	70.2	63.2
Total	73.2	73.2

*Calculated Lmax is the Loudest value.

NOISE APPENDIX

Operational Noise Modeling Worksheets

MECHANICAL EQUIPMENT NOISE LEVEL - KAISER COVINA

Location: R1, South Eastern Residential Property

Source	Equip.	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Distance Attenuation (dBA)	Noise Level at Receiver not including Barrier (dBA)	Sound Level w/ Barrier
HVAC	Carrier 48A	57	18	43.5	175	20	155	43.5	10.0	4.04	19	10.9	46.4	27
Compactor	Commercial Grade	52	18	3.0	30	6	24	0	19.0	6.76	21	-4.4	56.4	35
Park Gar.	Entrance/Exit	60	18	0.0	400	378	22	0	19.0	0.08	7	18.1	41.9	35
Park Lot	Center of Lot	54	18	0.0	80	65	15	0	16.5	0.12	7	4.1	49.9	43

Total Leq with barriers 44

Source	LwA Single Source	Number of Units	Sound Level at 50 feet Total	
HVAC	86	2	57	Carrier 48A
Compactor	NA	1	52	Commercial Grade
Park Gar.	NA	1	60	Entrance/Exit
Parking Lot	NA	1	54	Center of Lot

MECHANICAL EQUIPMENT NOISE LEVEL - KAISER COVINA

Location: R2, Eastern Residential Property

Source	Equip.	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Distance Attenuation (dBA)	Noise Level at Receiver not including Barrier (dBA)	Sound Level w/ Barrier
HVAC	Carrier 48A	57	18	43.5	75	20	55	43.5	10.0	7.68	22	3.5	53.8	32
Compactor	Commercial Grade	52	18	3.0	25	6	19	0	19.0	6.21	21	-6.0	58.0	37
Park Gar.	Entrance/Exit	60	18	0.0	330	305	25	0	19.0	0.11	7	16.4	43.6	36
Park Lot	Center of Lot	54	18	0.0	135	100	35	0	16.5	0.17	8	8.6	45.4	37

Total Leq with barriers 42

Source	LwA Single Source	Number of Units	Sound Level at 50 feet Total	
HVAC	86	2	57	Carrier 48A
Compactor	NA	1	52	Commercial Grade
Park Gar.	NA	1	60	Entrance/Exit
Parking Lot	NA	1	54	Center of Lot

MECHANICAL EQUIPMENT NOISE LEVEL - KAISER COVINA

Location: R3, North Eastern Residential Property

Source	Equip.	Leq (h) at 50' (dBA)	Receiver Elevation (feet)	Source Elevation (feet)	Source to Receiver (feet)	Source to Barrier (feet)	Receiver to Barrier (feet)	Barrier (base) (feet)	Barrier Height (feet)	Fresnel No. at 500 Hz	Barrier Attenuation (dBA)	Distance Attenuation (dBA)	Noise Level at Receiver not including Barrier (dBA)	Sound Level w/ Barrier
HVAC	Carrier 48A	57	18	43.5	105	20	85	43.5	10.0	5.74	21	6.4	50.9	30
Compactor	Commercial Grade	52	18	3.0	45	6	39	0	19.0	7.74	22	-0.9	52.9	31
Park Gar.	Entrance/Exit	60	18	0.0	145	120	25	0	19.0	0.36	10	9.2	50.8	41
Park Lot	Center of Lot	54	18	0.0	375	70	305	0	16.5	1.33	15	17.5	36.5	22

Total Leq with barriers 41

Source	LwA Single Source	Number of Units	Sound Level at 50 feet Total	
HVAC	86	2	57	Carrier 48A
Compactor	NA	1	52	Commercial Grade
Park Gar.	NA	1	60	Entrance/Exit
Parking Lot	NA	1	54	Center of Lot

NOISE APPENDIX

Traffic Noise Modeling Worksheets

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R1** (Holt Avenue, East of Park View)	DATE:	7/25/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	3,090			PK HR VOL	309
SPEED	40				
PK HR %	10				
DIST CTL	245				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		242.1
DIST WALL	0		MED TRUCK SLE DIST		242.1
DIST W/OB	245		HVY TRUCK SLE DIST		242.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.5	45.5	43.7	37.8	47.0
MEDIUM TRUCKS	41.8	40.4	34.1	31.0	40.5
HEAVY TRUCKS	44.1	42.8	33.9	33.6	42.8
VEHICULAR NOISE	**49.9**	48.2	44.6	39.8	49.0

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R2** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	3,090			PK HR VOL	309
SPEED	40				
PK HR %	10				
DIST CTL	160				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		155.5
DIST WALL	0		MED TRUCK SLE DIST		155.4
DIST W/OB	160		HVY TRUCK SLE DIST		155.5
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	50.4	48.4	46.6	40.6	49.8
MEDIUM TRUCKS	44.7	43.3	37.0	33.9	43.4
HEAVY TRUCKS	47.0	45.7	36.7	36.5	45.7
VEHICULAR NOISE	**52.7**	51.1	47.5	42.7	51.9

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R3** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	3,090			PK HR VOL	309
SPEED	40				
PK HR %	10				
DIST CTL	270				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		267.4
DIST WALL	0		MED TRUCK SLE DIST		267.3
DIST W/OB	270		HVY TRUCK SLE DIST		267.3
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	46.8	44.9	43.1	37.1	46.3
MEDIUM TRUCKS	41.2	39.8	33.4	30.4	39.9
HEAVY TRUCKS	43.4	42.1	33.2	33.0	42.2
VEHICULAR NOISE	**49.2**	47.5	43.9	39.1	48.4

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R4** (Holt Avenue, East of Via Verde)	DATE:	10/8/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	3,090			PK HR VOL	309
SPEED	45				
PK HR %	10				
DIST CTL	95				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		87.2
DIST WALL	0		MED TRUCK SLE DIST		87.1
DIST W/OB	95		HVY TRUCK SLE DIST		87.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	55.6	53.6	51.8	45.8	55.0
MEDIUM TRUCKS	49.7	48.3	42.0	38.9	48.4
HEAVY TRUCKS	51.5	50.2	41.3	41.0	50.2
VEHICULAR NOISE	**57.7**	56.1	52.6	47.7	56.9

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R5** (Garvey Avenue South, South of Holt)	DATE:	10/8/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	1,920			PK HR VOL	192
SPEED	40				
PK HR %	10				
DIST CTL	40				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.5
DIST WALL	0		MED TRUCK SLE DIST		12.8
DIST W/OB	40		HVY TRUCK SLE DIST		12.8
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.2	62.3	60.5	54.5	63.7
MEDIUM TRUCKS	58.9	57.5	51.2	48.1	57.6
HEAVY TRUCKS	61.2	59.9	50.9	50.7	59.9
VEHICULAR NOISE	**66.8**	65.1	61.4	56.7	65.9

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R6** (Holt East of Garvey Ave)	DATE:	10/8/2019
Scenario:	**Existing**	BY:	J. Leech

ADT	6,520			PK HR VOL	652
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		40.1
DIST WALL	0		MED TRUCK SLE DIST		39.9
DIST W/OB	55		HVY TRUCK SLE DIST		39.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	63.9	61.9	60.1	54.2	63.4
MEDIUM TRUCKS	58.0	56.7	50.3	47.3	56.8
HEAVY TRUCKS	59.8	58.5	49.6	49.3	58.5
VEHICULAR NOISE	**66.1**	64.4	60.9	56.0	65.3

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R1** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	3,230			PK HR VOL	323
SPEED	40				
PK HR %	10				
DIST CTL	245				
DIST N/F	76	(M=76,P=52,S=36,C=12)		AUTO SLE DISTANCE	242.1
DIST WALL	0			MED TRUCK SLE DIST	242.1
DIST W/OB	245			HVY TRUCK SLE DIST	242.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				
SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.7	45.7	43.9	37.9	47.2
MEDIUM TRUCKS	42.0	40.6	34.3	31.2	40.7
HEAVY TRUCKS	44.3	43.0	34.0	33.8	43.0
VEHICULAR NOISE	**50.0**	48.4	44.8	40.0	49.2

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R2** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	3,230			PK HR VOL	323
SPEED	40				
PK HR %	10				
DIST CTL	160				
DIST N/F	76	(M=76,P=52,S=36,C=12)		AUTO SLE DISTANCE	155.5
DIST WALL	0			MED TRUCK SLE DIST	155.4
DIST W/OB	160			HVY TRUCK SLE DIST	155.5
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	50.6	48.6	46.8	40.8	50.0
MEDIUM TRUCKS	44.9	43.5	37.2	34.1	43.6
HEAVY TRUCKS	47.2	45.9	36.9	36.7	45.9
VEHICULAR NOISE	**52.9**	51.3	47.6	42.9	52.1

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R3** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	3,230			PK HR VOL	323
SPEED	40				
PK HR %	10				
DIST CTL	270				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		267.4
DIST WALL	0		MED TRUCK SLE DIST		267.3
DIST W/OB	270		HVY TRUCK SLE DIST		267.3
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.0	45.1	43.3	37.3	46.5
MEDIUM TRUCKS	41.4	40.0	33.6	30.6	40.1
HEAVY TRUCKS	43.6	42.3	33.4	33.2	42.4
VEHICULAR NOISE	**49.4**	47.7	44.1	39.3	48.6

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R4** (Holt Avenue, East of Via Verde)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	3,230			PK HR VOL	323
SPEED	45				
PK HR %	10				
DIST CTL	95				
DIST N/F	76	(M=76,P=52,S=36,C=12)		AUTO SLE DISTANCE	87.2
DIST WALL	0			MED TRUCK SLE DIST	87.1
DIST W/OB	95			HVY TRUCK SLE DIST	87.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	55.8	53.8	52.0	46.0	55.2
MEDIUM TRUCKS	49.9	48.5	42.2	39.1	48.6
HEAVY TRUCKS	51.7	50.4	41.4	41.2	50.4
VEHICULAR NOISE	**57.9**	56.3	52.8	47.9	57.1

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R5** (Garvey Avenue South, South of Holt)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	1,930			PK HR VOL	193
SPEED	40				
PK HR %	10				
DIST CTL	40				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.5
DIST WALL	0		MED TRUCK SLE DIST		12.8
DIST W/OB	40		HVY TRUCK SLE DIST		12.8
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.3	62.3	60.5	54.5	63.7
MEDIUM TRUCKS	58.9	57.6	51.2	48.2	57.7
HEAVY TRUCKS	61.2	59.9	50.9	50.7	59.9
VEHICULAR NOISE	**66.8**	65.1	61.4	56.7	65.9

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R6** (Holt East of Garvey Ave)	DATE:	10/8/2019
Scenario:	**Existing w/Project**	BY:	J. Leech

ADT	7,490			PK HR VOL	749
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		40.1
DIST WALL	0		MED TRUCK SLE DIST		39.9
DIST W/OB	55		HVY TRUCK SLE DIST		39.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.5	62.5	60.7	54.8	64.0
MEDIUM TRUCKS	58.6	57.3	50.9	47.9	57.4
HEAVY TRUCKS	60.4	59.1	50.2	50.0	59.1
VEHICULAR NOISE	**66.7**	65.0	61.5	56.6	65.9

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R1** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,270			PK HR VOL	327
SPEED	40				
PK HR %	10				
DIST CTL	245				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		242.1
DIST WALL	0		MED TRUCK SLE DIST		242.1
DIST W/OB	245		HVY TRUCK SLE DIST		242.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.7	45.8	44.0	38.0	47.2
MEDIUM TRUCKS	42.1	40.7	34.3	31.3	40.8
HEAVY TRUCKS	44.3	43.0	34.1	33.9	43.1
VEHICULAR NOISE	**50.1**	48.4	44.8	40.0	49.3

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R2** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,270			PK HR VOL	327
SPEED	40				
PK HR %	10				
DIST CTL	160				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		155.5
DIST WALL	0		MED TRUCK SLE DIST		155.4
DIST W/OB	160		HVY TRUCK SLE DIST		155.5
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	50.6	48.7	46.9	40.9	50.1
MEDIUM TRUCKS	45.0	43.6	37.2	34.2	43.7
HEAVY TRUCKS	47.2	45.9	37.0	36.7	45.9
VEHICULAR NOISE	**53.0**	51.3	47.7	42.9	52.2

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R3** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,270			PK HR VOL	327
SPEED	40				
PK HR %	10				
DIST CTL	270				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		267.4
DIST WALL	0		MED TRUCK SLE DIST		267.3
DIST W/OB	270		HVY TRUCK SLE DIST		267.3
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.1	45.1	43.3	37.4	46.6
MEDIUM TRUCKS	41.4	40.0	33.7	30.6	40.1
HEAVY TRUCKS	43.7	42.4	33.5	33.2	42.4
VEHICULAR NOISE	**49.5**	47.8	44.2	39.4	48.6

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R4** (Holt Avenue, East of Via Verde)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,270			PK HR VOL	327
SPEED	45				
PK HR %	10				
DIST CTL	95				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		87.2
DIST WALL	0		MED TRUCK SLE DIST		87.1
DIST W/OB	95		HVY TRUCK SLE DIST		87.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	55.8	53.9	52.1	46.1	55.3
MEDIUM TRUCKS	49.9	48.6	42.2	39.2	48.7
HEAVY TRUCKS	51.7	50.4	41.5	41.3	50.5
VEHICULAR NOISE	**58.0**	56.3	52.8	47.9	57.2

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R5** (Garvey Avenue South, South of Holt)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	2,020			PK HR VOL	202
SPEED	40				
PK HR %	10				
DIST CTL	40				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.5
DIST WALL	0		MED TRUCK SLE DIST		12.8
DIST W/OB	40		HVY TRUCK SLE DIST		12.8
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.5	62.5	60.7	54.7	63.9
MEDIUM TRUCKS	59.1	57.8	51.4	48.4	57.9
HEAVY TRUCKS	61.4	60.1	51.1	50.9	60.1
VEHICULAR NOISE	**67.0**	65.3	61.6	56.9	66.1

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R6** (Holt East of Garvey Ave)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	6,960			PK HR VOL	696
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		40.1
DIST WALL	0		MED TRUCK SLE DIST		39.9
DIST W/OB	55		HVY TRUCK SLE DIST		39.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.2	62.2	60.4	54.4	63.6
MEDIUM TRUCKS	58.3	56.9	50.6	47.5	57.0
HEAVY TRUCKS	60.1	58.8	49.9	49.6	58.8
VEHICULAR NOISE	**66.3**	64.7	61.2	56.3	65.5

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R1** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,380			PK HR VOL	338
SPEED	40				
PK HR %	10				
DIST CTL	245				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		242.1
DIST WALL	0		MED TRUCK SLE DIST		242.1
DIST W/OB	245		HVY TRUCK SLE DIST		242.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.9	45.9	44.1	38.1	47.3
MEDIUM TRUCKS	42.2	40.8	34.5	31.4	40.9
HEAVY TRUCKS	44.5	43.2	34.2	34.0	43.2
VEHICULAR NOISE	**50.2**	48.6	45.0	40.2	49.4

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R2** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,380			PK HR VOL	338
SPEED	40				
PK HR %	10				
DIST CTL	160				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		155.5
DIST WALL	0		MED TRUCK SLE DIST		155.4
DIST W/OB	160		HVY TRUCK SLE DIST		155.5
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	50.7	48.8	47.0	41.0	50.2
MEDIUM TRUCKS	45.1	43.7	37.4	34.3	43.8
HEAVY TRUCKS	47.4	46.1	37.1	36.9	46.1
VEHICULAR NOISE	**53.1**	51.5	47.8	43.1	52.3

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R3** (Holt Avenue, East of Park View)	DATE:	10/8/2019
Scenario:	**Future w/out Project**	BY:	J. Leech

ADT	3,380			PK HR VOL	338
SPEED	40				
PK HR %	10				
DIST CTL	270				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		267.4
DIST WALL	0		MED TRUCK SLE DIST		267.3
DIST W/OB	270		HVY TRUCK SLE DIST		267.3
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	47.2	45.3	43.5	37.5	46.7
MEDIUM TRUCKS	41.6	40.2	33.8	30.8	40.3
HEAVY TRUCKS	43.8	42.5	33.6	33.4	42.6
VEHICULAR NOISE	**49.6**	47.9	44.3	39.5	48.8

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R4** (Holt Avenue, East of Via Verde)	DATE:	10/8/2019
Scenario:	**Future w/Project**	BY:	J. Leech

ADT	3,380			PK HR VOL	338
SPEED	45				
PK HR %	10				
DIST CTL	95				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		87.2
DIST WALL	0		MED TRUCK SLE DIST		87.1
DIST W/OB	95		HVY TRUCK SLE DIST		87.1
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	56.0	54.0	52.2	46.2	55.4
MEDIUM TRUCKS	50.1	48.7	42.4	39.3	48.8
HEAVY TRUCKS	51.9	50.6	41.6	41.4	50.6
VEHICULAR NOISE	**58.1**	56.5	53.0	48.1	57.3

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R5** (Garvey Avenue, South of Holt)	DATE:	10/8/2019
Scenario:	**Future w/Project**	BY:	J. Leech

ADT	2,020			PK HR VOL	202
SPEED	40				
PK HR %	10				
DIST CTL	40				
DIST N/F	76	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.5
DIST WALL	0		MED TRUCK SLE DIST		12.8
DIST W/OB	40		HVY TRUCK SLE DIST		12.8
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.5	62.5	60.7	54.7	63.9
MEDIUM TRUCKS	59.1	57.8	51.4	48.4	57.9
HEAVY TRUCKS	61.4	60.1	51.1	50.9	60.1
VEHICULAR NOISE	**67.0**	65.3	61.6	56.9	66.1

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Covina Kaiser MOB	JN:	8817-0010
ROADWAY:	**R6** (Holt East of Garvey Ave)	DATE:	10/8/2019
Scenario:	**Future w/Project**	BY:	J. Leech

ADT	7,880			PK HR VOL	788
SPEED	45				
PK HR %	10				
DIST CTL	55				
DIST N/F	76	(M=76,P=52,S=36,C=12)		AUTO SLE DISTANCE	40.1
DIST WALL	0			MED TRUCK SLE DIST	39.9
DIST W/OB	55			HVY TRUCK SLE DIST	39.9
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	45.0				
ROADWAY VIEW:					
LF ANGLE	-45				
RT ANGLE	45				
DF ANGLE	90				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	15.0				
MED TR	15.0				
HVY TR	15.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.127	0.096	0.9700
MEDIUM TRUCKS	0.874	0.051	0.075	0.0200
HEAVY TRUCKS	0.891	0.028	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	64.7	62.8	61.0	55.0	64.2
MEDIUM TRUCKS	58.9	57.5	51.1	48.1	57.6
HEAVY TRUCKS	60.7	59.4	50.4	50.2	59.4
VEHICULAR NOISE	**66.9**	65.2	61.7	56.8	66.1

APPENDIX J

Traffic Impact Study

LINSCOTT LAW & GREENSPAN engineers

TRANSPORTATION IMPACT STUDY

KAISER PERMANENTE COVINA

MEDICAL OFFICE BUILDING PROJECT

City of Covina, California
August 6, 2018

Prepared for:

Kaiser Permanente
National Facilities Services, Southern California
393 East Walnut Street, 4th Floor 043W03
Pasadena, California 91188

LLG Ref. 1-17-4275-1

Prepared by:

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TRANSPORTATION IMPACT STUDY

KAISER PERMANENTE COVINA MEDICAL OFFICE BUILDING PROJECT

City of Covina, California
August 6, 2018

1.0 INTRODUCTION

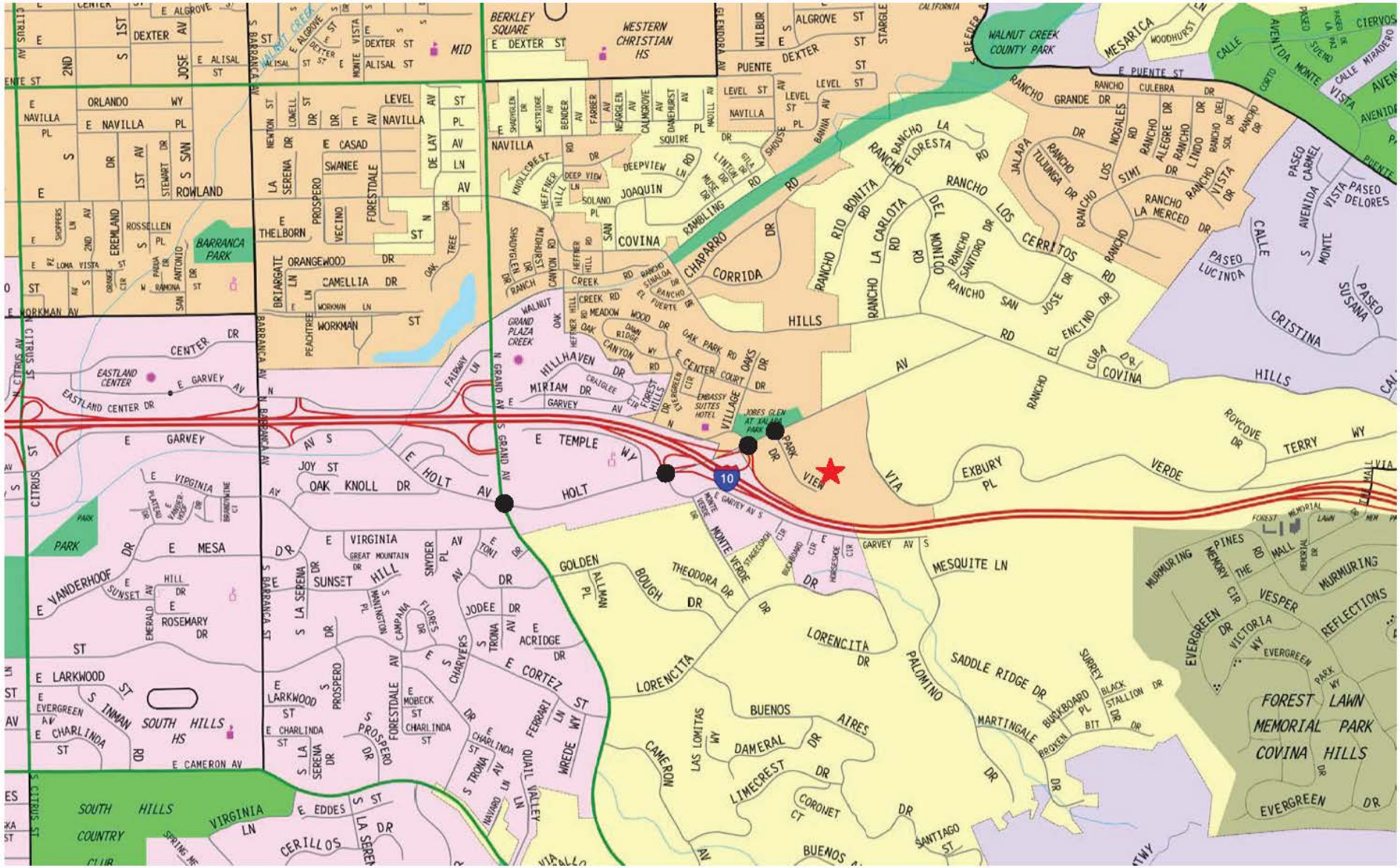
This traffic analysis has been conducted to identify and evaluate the potential traffic impacts of the proposed Kaiser Permanente Covina Medical Office Building (MOB) project on the surrounding street system. The proposed project site is located at 1164 Park View Drive in the City of Covina, California. The proposed project site is generally bordered by existing commercial and residential uses to the north and east, commercial uses and the Interstate 10 Freeway to the south, and Park View Drive and commercial uses to the west. The proposed project site and general vicinity are shown in ***Figure 1-1***.

1.1 Traffic Analysis Overview

The traffic analysis follows City of Covina traffic impact analysis guidelines[1] and is consistent with traffic impact assessment guidelines set forth in the Los Angeles County Congestion Management Program[2]. This traffic analysis evaluates potential project-related impacts at four key intersections in the vicinity of the project site. The study intersections were determined in consultation with City of Covina staff. The Intersection Capacity Utilization method was used to determine Volume-to-Capacity ratios and corresponding Levels of Service for the signalized study intersection. The *Highway Capacity Manual*[3] (HCM2010) was utilized to determine intersection delay values and corresponding Levels of Service for the unsignalized study intersections. A review was also conducted of Los Angeles County Metropolitan Transportation Authority freeway and intersection monitoring stations to determine if a Congestion Management Program transportation impact assessment analysis is required for the proposed project.

This study (i) presents existing traffic volumes, (ii) includes existing traffic volumes with the forecast traffic volumes from the proposed project, (iii) recommends mitigation measures, where necessary, (iv) forecasts future baseline traffic volumes, (v) forecasts future traffic volumes with the proposed project, (vi) determines forecast future with project-related impacts, and (vii) recommends mitigation measures, where necessary.

[1] *Traffic Impact Analysis Guidelines*, City of Covina, May 2014.
[2] *2010 Congestion Management Program*, Los Angeles County Metropolitan Transportation Authority, October 2010.
[3] *HCM2010 Highway Capacity Manual*, Transportation Research Board of the National Academies, 2010.



NOT TO SCALE

MAP SOURCE: RAND MCNALLY & COMPANY

★ PROJECT SITE

● STUDY INTERSECTION

FIGURE 1-1
VICINITY MAP

LINSCOTT, LAW & GREENSPAN, engineers

KAISER PERMANENTE COVINA MOB PROJECT

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1.2 Study Area

Upon coordination with City of Covina staff, four study intersections have been identified for evaluation during the weekday morning and afternoon peak hours. The four study intersections provide local access to the study area and define the extent of the boundaries for this traffic impact analysis. Further discussion of the existing street system and study area is provided in Section 3.0.

The general location of the project in relation to the study locations and surrounding street system is presented in *Figure 1–1*. The traffic analysis study area is generally comprised of those locations which have the greatest potential to experience significant traffic impacts due to the proposed project as defined by the Lead Agency. In the traffic engineering practice, the study area generally includes those intersections that are:

a. Immediately adjacent or in close proximity to the project site;

b. In the vicinity of the project site that are documented to have current or projected future adverse operational issues; and

c. In the vicinity of the project site that are forecast to experience a relatively greater percentage of project-related vehicular turning movements (e.g., at freeway ramp intersections).

The locations selected for analysis were based on the above criteria, proposed Kaiser Permanente Covina MOB project peak hour vehicle trip generation, the anticipated distribution of project vehicular trips and existing intersection/corridor operations.

1.3 Overview of Senate Bill 743[4]

On September 27, 2013, Governor Brown signed Senate Bill (SB) 743 (Steinberg, 2013). Among other things, SB 743 creates a process to change analysis of transportation impacts under the California Environmental Quality Act (Public Resources Code Section 21000 and following) (CEQA). On December 30, 2013, the State of California Governor's Office of Planning and Research (OPR) released a preliminary evaluation of alternative methods of transportation analysis. The intent of the original guidance documentation was geared towards projects within areas that are designated as transit priority areas first, to be followed by other areas of the State. OPR issued another draft discussion document in April 2018, suggesting some new revisions to the formal CEQA guidelines. One of the possible new metrics includes the determination of vehicle miles traveled (VMT) for projects. Previously it was thought that any corresponding revisions resulting from SB 743 as it pertains to the formal CEQA guidelines would at the earliest occur early in year 2016.

[4] *An act to amend Sections 21181, 21186, 21187, 21189.1, and 21189.3 of, to repeal and add Section 21185 of, and to add and repeal Section 21186.6.6 of, the Public Resources Code, relating to environmental quality.*

Fairly significant delays have occurred in the adoption of any new CEQA guidelines due to several issues, including Assembly Bill (AB) 779. Before this bill, OPR was contemplating the changes associated with the new metrics. Rather than implementing in transit priority areas first and then the rest of the State, OPR was leaning toward allowing agencies to opt voluntarily into SB 743 immediately or wait until after a phase-in period that could last for a year or two. OPR also is now giving consideration to exempting freight movement from the requirements of SB 743. To the best of our knowledge, year 2020 (at the earliest) would be the timeframe for formal adoption of any changes to the CEQA guidelines. However, it is noted that any jurisdiction in the meantime can adopt new significance thresholds prior to the adoption of any formal revisions to the CEQA guidelines. As of the writing of this report, the City of Pasadena, the City of Oakland, City of San Jose and the City of San Francisco are the only cities in the State of California to have done so.

2.0 PROJECT DESCRIPTION

2.1 Existing Project Site

The project site is located at 1164 Park View Drive, on the east side of Park View Drive southeast of Holt Avenue. The proposed project site is generally bordered by existing commercial and residential uses to the north and east, commercial uses and the Interstate 10 Freeway to the south, and Park View Drive and commercial uses to the west. The project site consists of three parcels totaling approximately 3.5 acres and is currently vacant. The proposed project site and general vicinity are shown in *Figure 1-1*. An aerial photograph of the existing project site is contained in ***Figure 2-1***.

2.2 Proposed Project Description

Kaiser Permanente Health Plan seeks to obtain entitlements to construct a medical office building within the City of Covina. The proposed project consists of the development of a 3-story medical office building with a total of approximately 60,000 square feet of floor area. Additionally, the proposed project will include the construction of a 3-story parking structure with approximately 240 parking spaces and 70 surface parking spaces for a total of 310 parking spaces on-site. A drop-off/pick-up zone will be provided along the southern portion of the proposed medical office building. Construction of the proposed project is expected to commence in year 2020 with occupancy in the year 2022. The conceptual site plan for the proposed project is illustrated in ***Figure 2-2***.

Vehicular access to the project site will be provided via three new driveways on Park View Drive. Further discussion of the project's site access and circulation scheme is provided in Section 3.0.

2.3 Proposed Parking

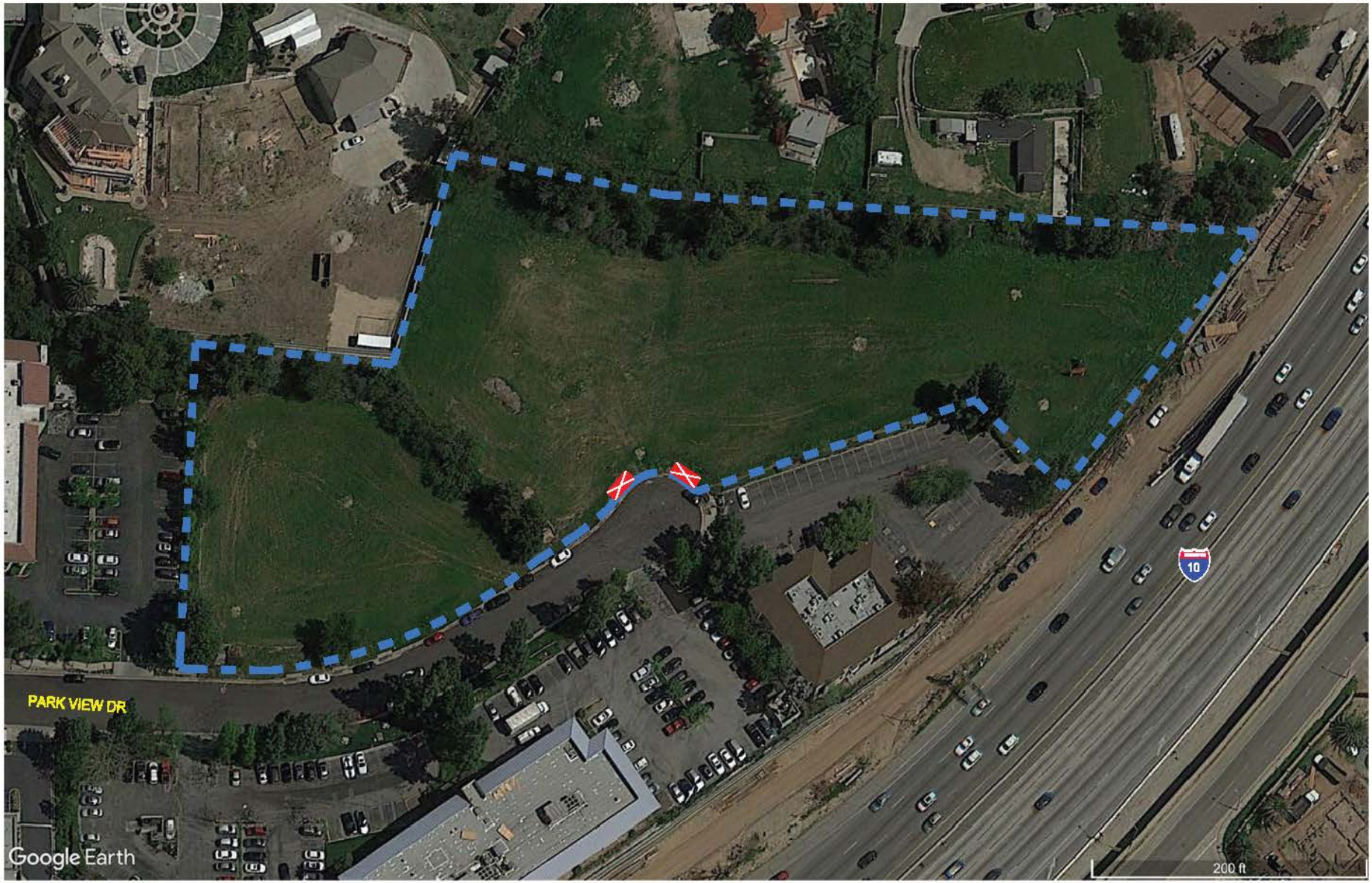
The City of Covina off-street parking regulations for medical office buildings are set forth in Chapter 17.72.010 of the Municipal Code. In accordance with the Municipal Code, the following parking requirements have been identified for the proposed project:

- Medical Clinic – 1.0 space per 200 square feet of gross floor area (GSF)

Based on the project description provided by the project team and application of the Code parking requirements, a total of 280 spaces would be required for the project site as summarized below:

- Medical Clinic: 60,000 GSF x 1.0 space per 200 GSF = 300 spaces
  Total City Code Required Project Parking = 300 spaces

Direct application of the City Code parking requirements to the proposed project results in a Code requirement of 300 parking spaces. A total of approximately 310 parking spaces is planned to be provided as part of the proposed project. Thus, the planned project parking supply satisfies the City Code parking requirements.



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MAP SOURCE: GOOGLE EARTH

PROJECT SITE

EXISTING DRIVEWAY

FIGURE 2-1
AERIAL PHOTOGRAPH OF THE EXISTING PROJECT SITE

LINSCOTT, LAW & GREENSPAN, engineers

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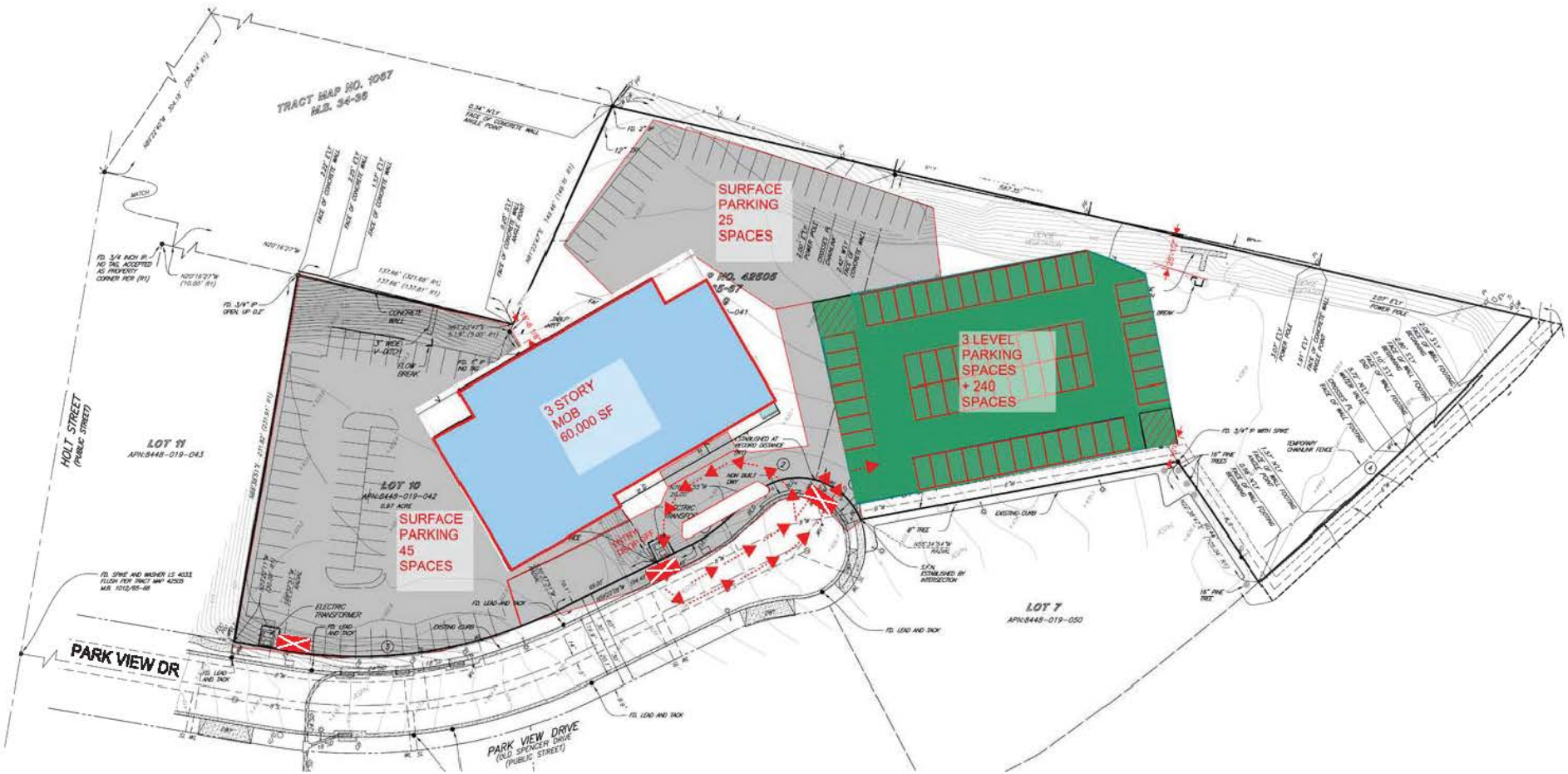

SOURCE: KWC ENGINEERS

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FIGURE 2-2
CONCEPTUAL SITE PLAN

LINSCOTT, LAW & GREENSPAN, engineers

KAISER PERMANENTE COVINA MOB PROJECT

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As part of the parking supply, the project must also provide a minimum of eight handicap accessible spaces. In accordance with the Americans with Disabilities Act, for parking facilities between 301 to 400 spaces, a minimum of eight spaces must be handicap accessible spaces. In addition, one in every six handicap spaces must be van accessible.

3.0 SITE ACCESS AND CIRCULATION

Descriptions of the existing and proposed project site access and circulation schemes are provided in the following subsections.

3.1 Existing Site Access

Vehicular access to the project site is currently provided via two driveways on Park View Drive, along the westerly property frontage. The existing driveways currently accommodate full access (i.e., right-turn and left-turn ingress and egress traffic movements). The locations of the existing site driveways are shown in *Figure 2-1*.

3.2 Proposed Project Site Access

The proposed site access scheme for the Kaiser Permanente Covina MOB project is displayed in *Figure 2-2*. Access to the proposed project site will be provided via three new driveways on Park View Drive. Descriptions of the project site driveways are provided in the following paragraphs.

- *Park View Drive Northerly Project Driveway:*

  The northerly project driveway is planned to be located on the east side of Park View Drive along the westerly property frontage. The northerly project driveway will be located near the northwest corner of the project site. Full access is planned to be provided (i.e., right-turn and left-turn ingress and egress turning traffic movements) at this driveway. This project site driveway will provide access to the surface parking area north of the proposed medical office building. The project site driveway will be constructed to City of Covina design standards.

- *Park View Drive Middle Project Driveway:*

  This project driveway is planned to be located on the east side of Park View Drive along the westerly property frontage, in front of the proposed medical office building. This project driveway is planned to be an outbound only driveway from the proposed drop-off/pick-up zone and will be limited to egress movements only (i.e., right-turn and left-turn outbound movements only). The project site driveway will be constructed to City of Covina design standards.

- *Park View Drive Southerly Project Driveway:*

  The southerly project driveway is planned to be located at the southern end of the cul-de-sac of Park View Drive and will serve as the primary access to the proposed parking structure. Due to its location on the cul-de-sac, right-turn ingress and egress turning traffic movements will be provided at this driveway. This project site driveway will also provide access to the proposed drop-off/pick-up zone that will be constructed as part of the proposed project. The project site driveway will be constructed to City of Covina design standards.

3.3 Pedestrian Access

The project should be designed to encourage pedestrian activity and walking as a transportation mode.[5] As indicated in *Figure 2–2*, the proposed project will connect to adjacent sidewalks and will include site enhancements to promote walkability. Walkability is a term for the extent to which walking is readily available as a safe, connected, accessible and pleasant mode of transport. There are several criteria that are widely accepted as key aspects of the walkability of urban areas that should be satisfied. The underlying principle is that pedestrians should not be delayed, diverted, or placed in danger. The widely accepted characteristics of walkability are as follows:

- Connectivity: People can walk from one place to another without encountering major obstacles, obstructions, or loss of connectivity.
- Convivial: Pedestrian routes are friendly and attractive, and are perceived as such by pedestrians.
- Conspicuous: Suitable levels of lighting, visibility and surveillance over its entire length, with high quality delineation and signage.
- Comfortable: High quality and well-maintained footpaths of suitable widths, attractive landscaping and architecture, shelter and rest spaces, and a suitable allocation of roadspace to pedestrians.
- Convenient: Walking is a realistic travel choice, partly because of the impact of the other criteria set forth above, but also because walking routes are of a suitable length as a result of land use planning with minimal delays.

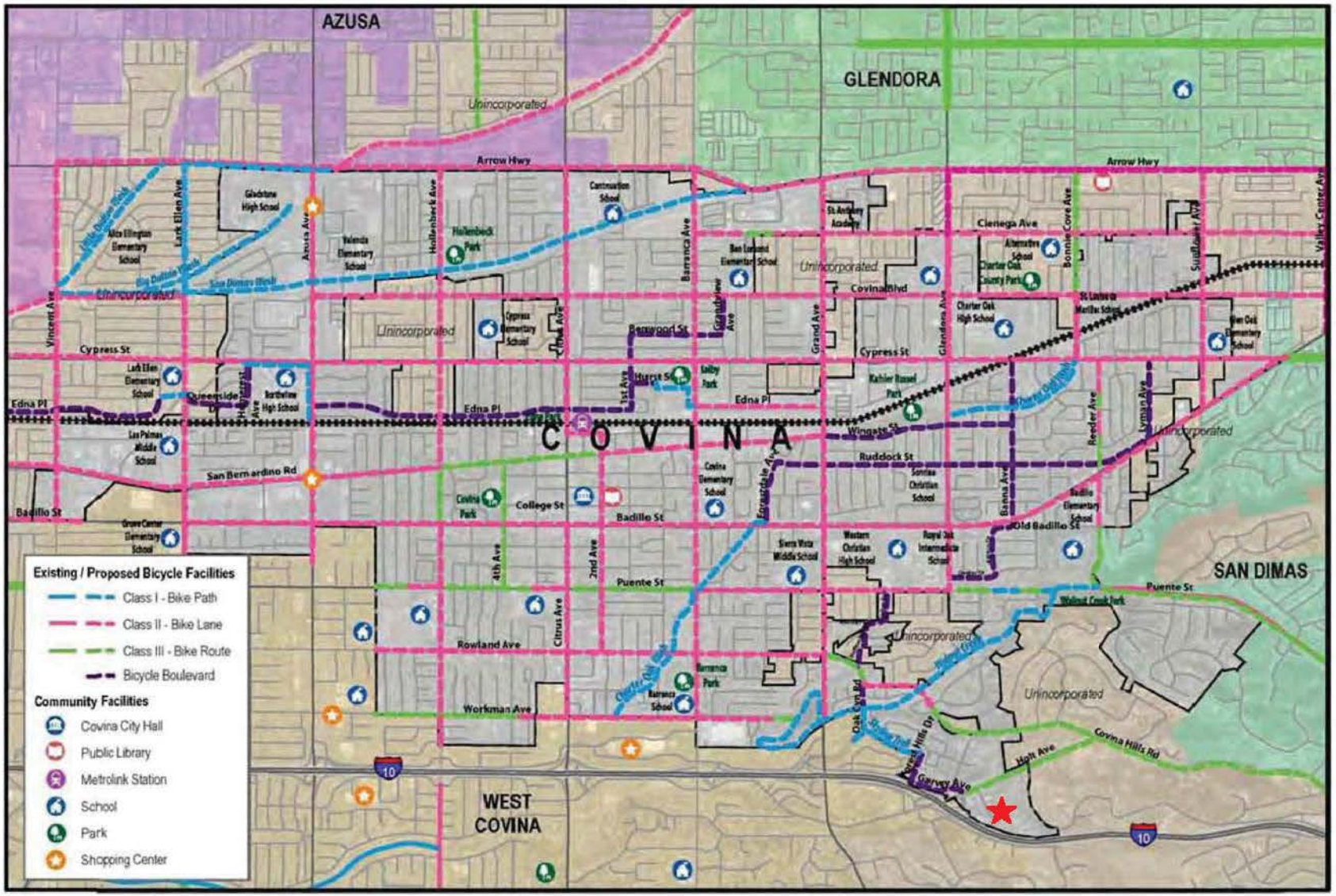
The project site is accessible from nearby public bus stops as well as other amenities along nearby major corridors. The majority of pedestrian access to the project site is envisioned to occur via the existing public sidewalks provided along streets in the study area.

3.4 Bicycle Access

The City of Covina provides an existing and proposed bicycle network as outlined and illustrated in the Bicycle Master Plan[6]. The City's existing and proposed bicycle facilities are illustrated in ***Figure 3-1***. Currently, there are no formal, designated on-street or off-street bicycle facilities in the project vicinity. The City of Covina Bicycle Master Plan proposes a number of bicycle facilities near the project site, however, as outlined below:

[5] For example, refer to http://www.walkscore.com/, which generates a walkability score of approximately 15 (Car Dependent) out of 100 for the project site. Walk Score calculates the walkability of an address by locating nearby stores, restaurants, schools, parks, etc. Walk Score measures how easy it is to live a car-lite lifestyle—not how pretty the area is for walking.

[6] City of Covina Bicycle Master Plan, Prepared by Alta Planning + Design, September 2011.



MAP SOURCE: CITY OF COVINA BICYCLE MASTER PLAN, SEPTEMBER 2011.

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★ PROJECT SITE

FIGURE 3-1
CITYWIDE BICYCLE NETWORK

LINSCOTT, LAW & GREENSPAN, engineers

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- Holt Avenue: Class III Bike Route from Garvey Avenue North to Covina Hills Road

- Covina Hills Road: Class III Bike Route from Heffner Hill Road to Oak Canyon Road

- Garvey Avenue North Class III Bike Route from Forest Hills Drive to Holt Avenue

In addition, Forest Hills Road between Skyline Trail and Garvey Avenue North is also designated as a Bicycle Boulevard in the project vicinity.

4.0 EXISTING STREET SYSTEM

4.1 Regional Highway System

Regional access to the project site is provided by the San Bernardino (I-10) Freeway. A brief description of the I-10 Freeway is provided in the following paragraph.

San Bernardino (I-10) Freeway is a major east-west freeway located just south of the project site. The I-10 Freeway connects the City of Santa Monica with the City of Los Angeles and the municipalities of the San Gabriel Valley and San Bernardino County to the east. In the project vicinity, four mixed-flow mainline lanes are provided in each direction on the I-10 Freeway with auxiliary merge/weave lanes provided between some interchanges. Full access interchanges (i.e., eastbound and westbound on- and off-ramps) are provided at Holt Avenue.

4.2 Local Street System

Immediate access to the Kaiser Permanente Covina MOB project will be provided via Park View Drive. The list of four study intersections selected in consultation with City staff for analysis of potential impacts related to the proposed project is presented in ***Table 4-1***. One of the four study intersections selected for analysis is presently controlled by traffic signals, with the remaining three study intersections currently stop sign controlled. The existing lane configurations at the four study intersections are displayed in ***Figure 4-1***.

4.3 Roadway Classifications

The City of Covina utilizes the roadway categories recognized by regional, state and federal transportation agencies. There are four categories in the roadway hierarchy, ranging from freeways with the highest capacity to two-lane undivided roadways with the lowest capacity. The roadway categories are summarized as follows:

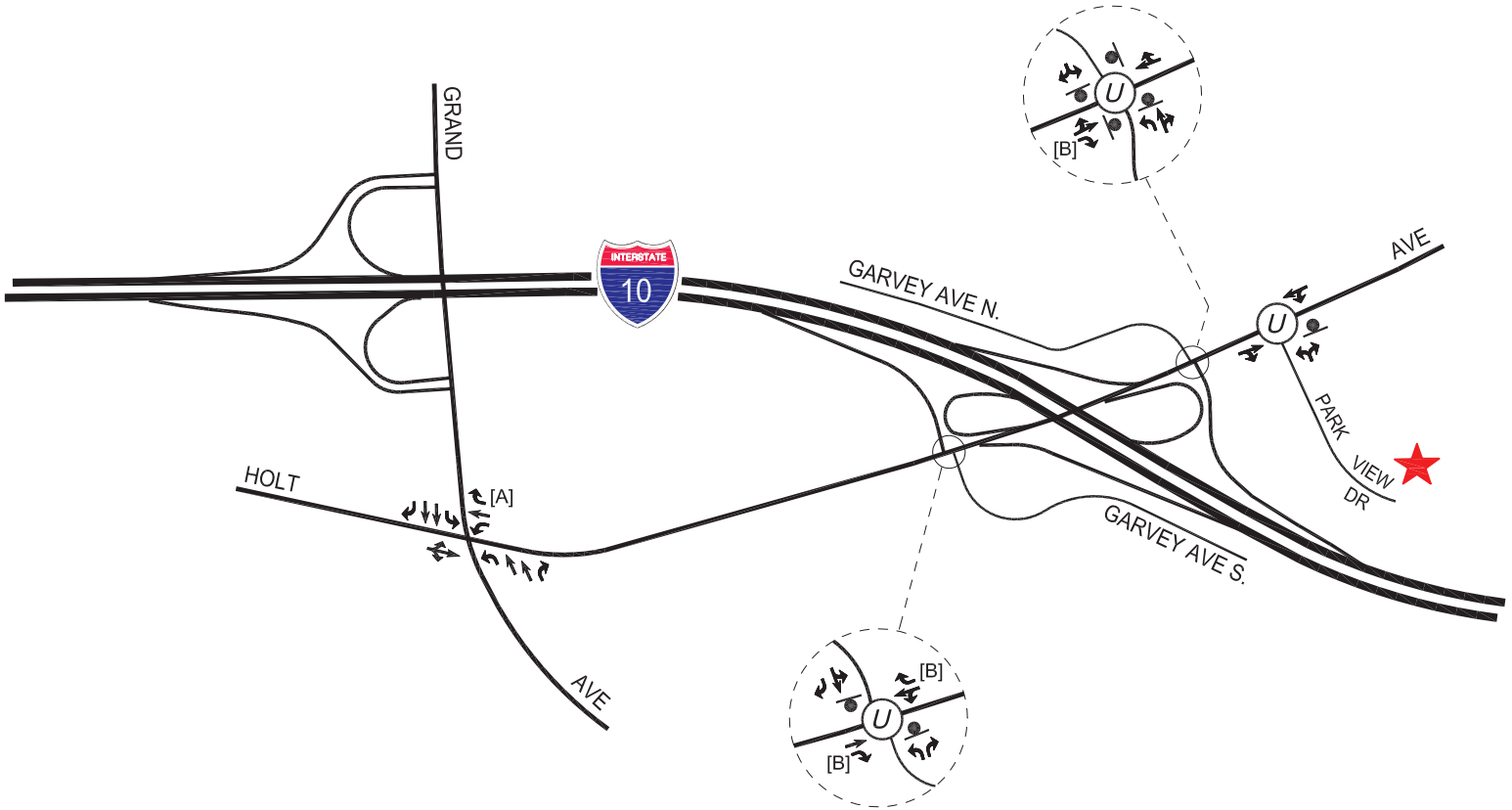
- *Freeways* are limited-access and high speed travel ways included in the state and federal highway systems. Their purpose is to carry regional through-traffic. Access is provided by interchanges with typical spacing of one mile or greater. No local access is provided to adjacent land uses.

- *Arterial* roadways are major streets that primarily serve through-traffic and provide access to abutting properties as a secondary function. Arterials are generally designed with two to six travel lanes and their major intersections are signalized. This roadway type is divided into two categories: principal and minor arterials. Principal arterials are typically four-or-more lane roadways and serve both local and regional through-traffic. Minor arterials are typically two-to-four lane streets that service local and commute traffic.

- *Collector* roadways are streets that provide access and traffic circulation within residential and non-residential (e.g., commercial and industrial) areas. Collector roadways connect local streets to arterials and are typically designed with two through travel lanes (i.e., one through

Table 4-1
LIST OF STUDY INTERSECTIONS

NO.	INTERSECTION	TRAFFIC CONTROL	JURISDICTION(S)
1	Grand Avenue/Holt Avenue	Signalized	City of West Covina
2	I-10 Freeway EB Ramps-Garvey Avenue S./Holt Avenue	Unsignalized	City of West Covina
3	I-10 Freeway WB Ramps-Garvey Street/Holt Avenue	Unsignalized	City of Covina
4	Park View Drive/Holt Avenue	Unsignalized	City of Covina



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★ PROJECT SITE

Ⓤ UNSIGNALIZED INTERSECTION

STOP SIGN

[A] NO RIGHT-TURN ON RED

[B] FREE-FLOW MOVEMENT

LINSCOTT, LAW & GREENSPAN, engineers

FIGURE 4-1
EXISTING LANE CONFIGURATIONS

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travel lane in each direction) that may accommodate on-street parking. They may also provide access to abutting properties.

- *Local* roadways distribute traffic within a neighborhood, or similar adjacent neighborhoods, and are not intended for use as a through street or a link between higher capacity facilities such as collector or arterial roadways. Local streets are fronted by residential uses and do not typically serve commercial uses.

4.4 Roadway Descriptions

A review of the important roadways in the project site vicinity and study area is summarized in ***Table 4-2***. As indicated in *Table 4-2*, the important roadways within the project study area were reviewed in terms of the number of lanes provided, parking restrictions, posted speed limits, etc. Additionally, the roadway classifications of key roads in the project study area are also presented in *Table 4-2*.

4.5 Transit Services

Public bus transit service within the project study area is currently provided by Foothill Transit and the City of West Covina Go West Shuttle. A summary of the existing transit service, including the transit route, destinations and peak hour headways is presented in ***Table 4–3***. The existing public transit routes in the project site vicinity are illustrated in ***Figure 4–2***.

Table 4-2
EXISTING ROADWAY DESCRIPTIONS

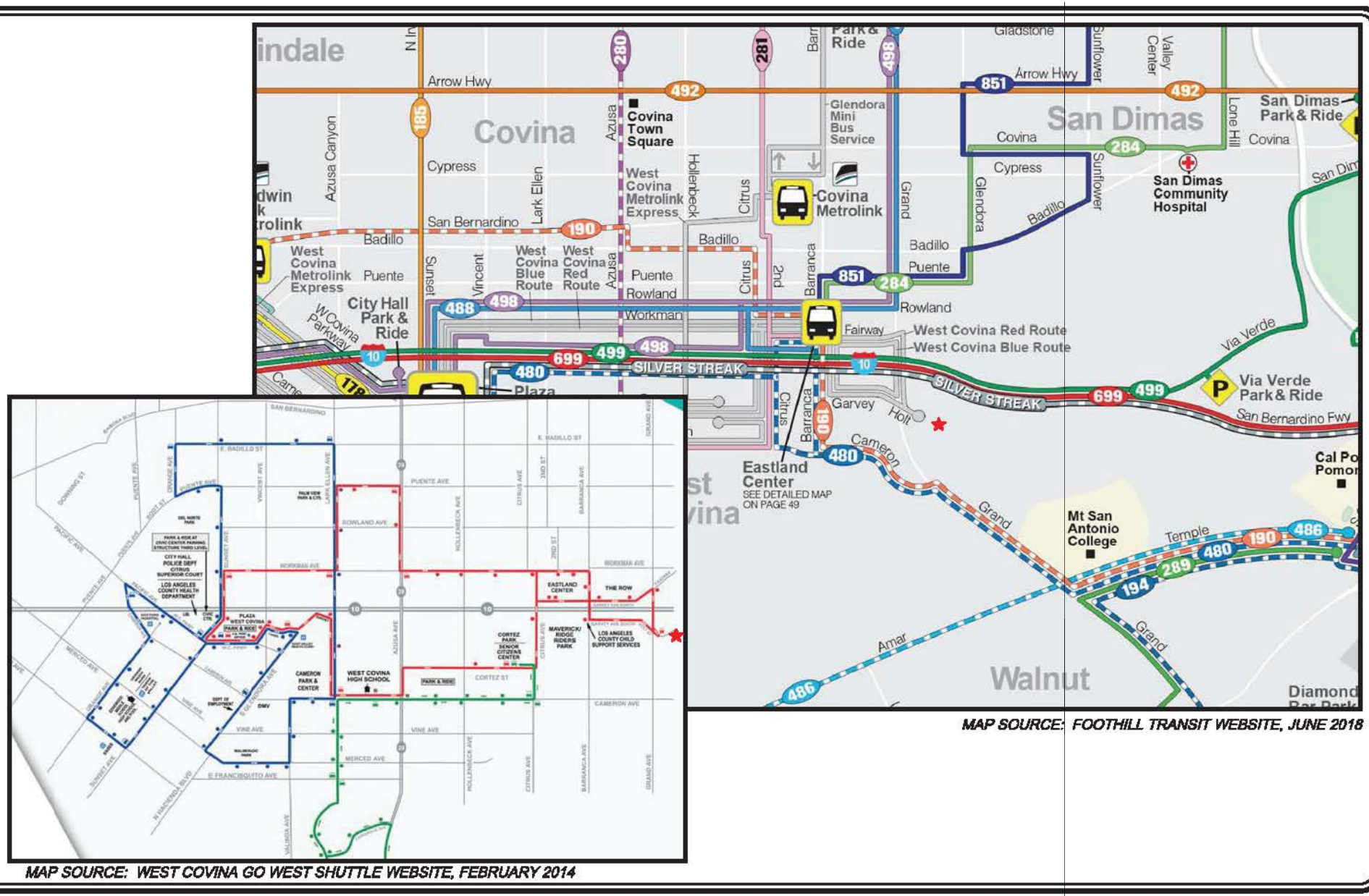
ROADWAY	CLASSIFICATION [1]	TRAVEL LANES		MEDIAN	SPEED
		DIRECTION [2]	NO. OF LANES [3]	TYPES [4]	LIMIT
Grand Avenue					
(City Boundary to Holt Ave)	Commercial/Mixed-Use Thoroughfare [6]	N-S	4	RMI	40
(Holt Ave to City Boundary)	Residential Connector [6]	N-S		RMI	45
Garvey Avenue					
(South of Holt Ave)	Local Street [6]	N-S	2	N/A	25
(North of Holt Ave)	Commercial/Mixed-Use Main [6]	E-W	2	N/A	45
Park View Drive	Local Street [5]	N-S	2	N/A	25
Holt Avenue					
(Barranca St to I-10 Fwy)	Residential Connector [6]	E-W	2	N/A	40
(I-10 Fwy to Via Verde St)	Collector [5]	E-W	2	N/A	40

Notes:
[1] Roadway classifications obtained from the *City of Covina General Plan Land Use Element* , April 18, 2000, and City of West Covina General Plan, Adopted January 20, 2016.
[2] Direction of roadways in the project area: NB-SB = northbound and southbound; and EB-WB = eastbound and westbound.
[3] Number of lanes in both directions on the roadway.
[4] Median type of the road: RMI = Raised Median Island; 2WLT = 2-Way Left-Turn Lane; and N/A-Not Applicable.
[5] Source: *City of Covina General Plan Land Use Element,* April 18, 2000.
[6] Source: *City of West Covina General Plan,* Adopted January 20, 2016.

Table 4-3
EXISTING TRANSIT ROUTES [1]

ROUTE	DESTINATIONS	ROADWAY(S) NEAR SITE	NO. OF BUSES DURING PEAK HOUR		
			DIR	AM	PM
Foothill Transit 498	Azusa to Downtown Los Angeles via Glendora, Covina and West Covina	Grand Avenue, Rowland Avenue	EB WB	0 4	6 0
Go West Shuttle Red Line	City of West Covina	Grand Avenue, Holt Avenue	EB WB	0 1	0 1
			Total	**5**	**7**

[1] Sources: Foothill Transit and City of West Covina Go West Shuttle websites, 2017.



MAP SOURCE: FOOTHILL TRANSIT WEBSITE, JUNE 2018

MAP SOURCE: WEST COVINA GO WEST SHUTTLE WEBSITE, FEBRUARY 2014

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FIGURE 4-2
EXISTING TRANSIT ROUTES

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5.0 TRAFFIC COUNTS

At the time of the commencement of this traffic analysis, the construction of the Caltrans San Bernardino (I-10) Freeway High Occupancy Vehicle (HOV) Lane Improvement project was well underway and included nearby roadway lane closures. The current estimated project construction completion date is summer of Year 2021. Therefore, traffic counts for the study intersections were not able to be conducted since conditions were atypical. As such, available traffic count data was researched from City of Covina, City of West Covina and LLG files. Previous manual counts of vehicular turning movements were obtained for each of the four study intersections during the weekday morning (AM) and afternoon (PM) commuter periods to determine the peak hour traffic volumes. All of the manual counts were conducted in June 2017 by an independent traffic count subconsultant from 7:00 to 9:00 AM to determine the AM peak commute hour, and from 4:00 to 6:00 PM to determine the PM peak commute hour. The manual traffic count data were adjusted by one percent (1.0%) per year to reflect Year 2018 existing conditions. Traffic volumes at the study intersections show the typical peak periods between 6:00 to 8:00 AM and 4:00 to 6:00 PM generally associated with metropolitan peak commuter periods.

The weekday AM and PM peak hour manual counts of vehicle movements at the four study intersections are summarized in ***Table 5-1***. The existing traffic volumes at the study intersections during the weekday AM and PM peak hours are shown in ***Figures 5-1*** and ***5-2***, respectively. Summary data worksheets of the manual traffic counts at the study intersections are contained in ***Appendix A***.

Table 5-1
EXISTING TRAFFIC VOLUMES [1]
WEEKDAY AM AND PM PEAK HOURS

NO.	INTERSECTION	DATE	DIR	AM PEAK HOUR		PM PEAK HOUR	
				BEGAN	VOLUME	BEGAN	VOLUME
1	Grand Avenue/ Holt Avenue	06/01/2017	NB SB EB WB	7:00	780 1,177 160 336	5:00	1,202 749 120 263
2	I-10 Freeway EB Ramps- Garvey Avenue S./ Holt Avenue	06/01/2017	NB SB EB WB	7:00	131 149 343 361	5:00	104 65 420 465
3	I-10 Freeway WB Ramps- Garvey Street/ Holt Avenue	06/01/2017	NB SB EB WB	7:00	297 80 251 317	5:00	291 447 199 251
4	Park View Drive/ Holt Avenue	06/01/2017	NB SB EB WB	7:00	7 0 172 298	5:00	89 0 192 115

[1] Counts conducted by Hartzog Crabill, Inc.

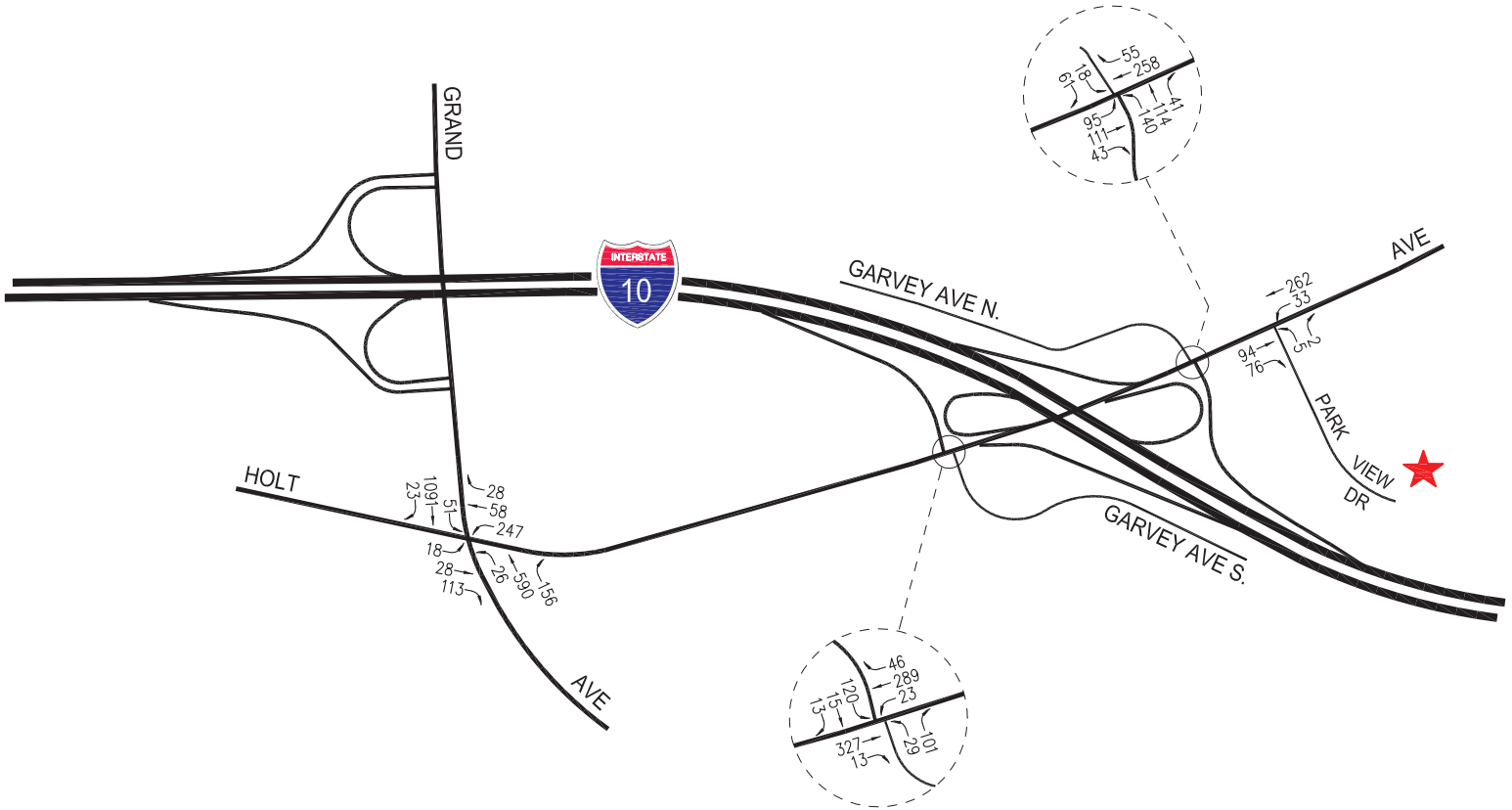

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FIGURE 5-1
EXISTING TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
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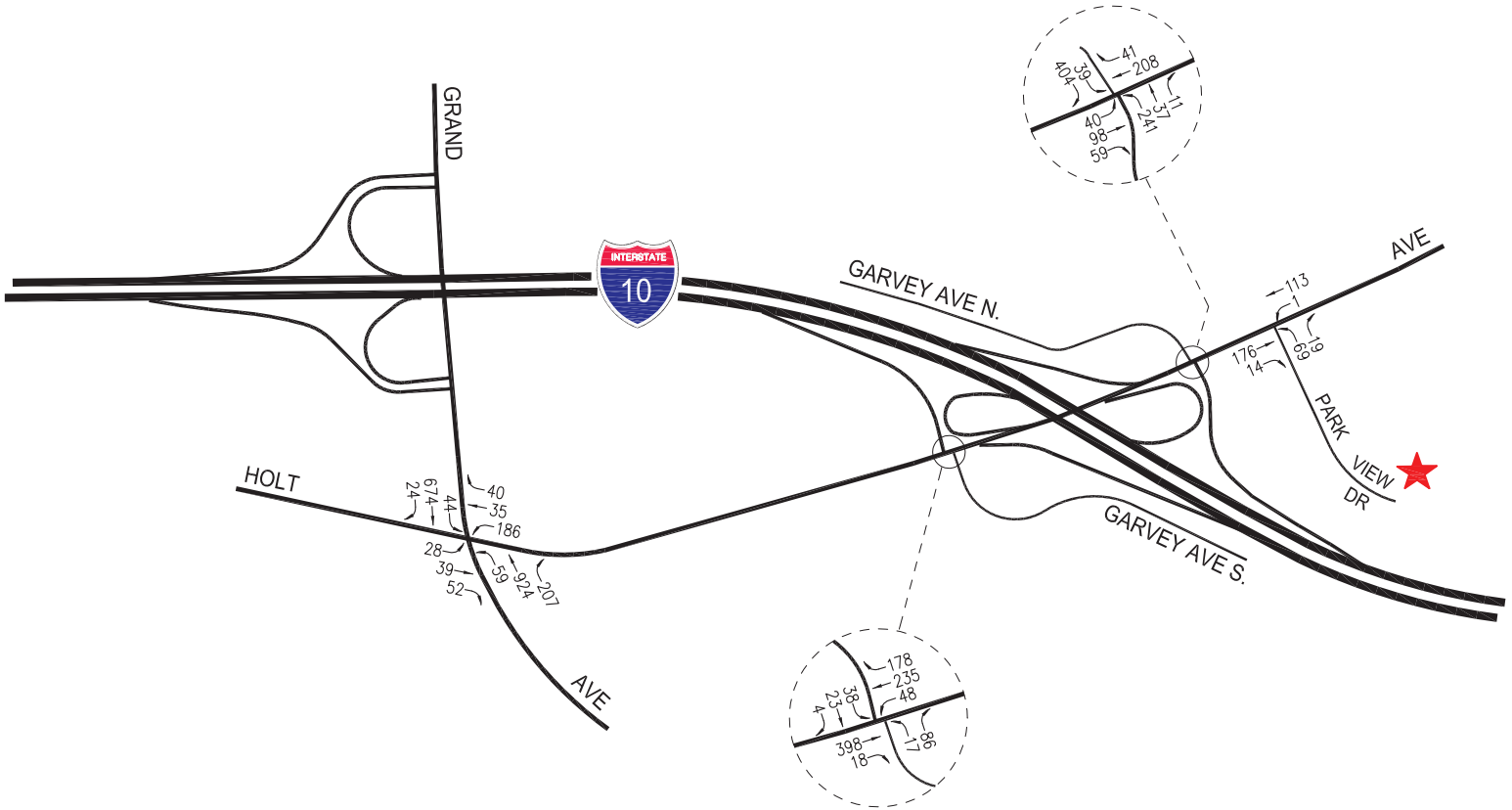

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FIGURE 5-2
EXISTING TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
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6.0 CUMULATIVE DEVELOPMENT PROJECTS

The forecast of future pre-project conditions was prepared in accordance to procedures outlined in Section 15130 of the CEQA Guidelines. Specifically, the CEQA Guidelines provide two options for developing the future traffic volume forecast:

> "(A) A list of past, present, and probable future projects producing related or cumulative impacts, including, if necessary, those projects outside the control of the [lead] agency, or
>
> (B) A summary of projections contained in an adopted local, regional or statewide plan, or related planning document, that describes or evaluates conditions contributing to the cumulative effect. Such plans may include: a general plan, regional transportation plan, or plans for the reduction of greenhouse gas emissions. A summary of projections may also be contained in an adopted or certified prior environmental document for such a plan. Such projections may be supplemented with additional information such as a regional modeling program. Any such document shall be referenced and made available to the public at a location specified by the lead agency."

Accordingly, the traffic analysis provides a highly conservative estimate of future pre-project traffic volumes as it incorporates both the "A" and "B" options outlined in the CEQA Guidelines for purposes of developing the forecast.

6.1 Related Projects

A forecast of on-street traffic conditions prior to occupancy of the proposed project was prepared by incorporating the potential trips associated with other known development projects (related projects) in the area. With this information, the potential impact of the proposed project can be evaluated within the context of the cumulative impact of all ongoing development. The related projects research was based on information on file at the City of Covina Community Development Department and the City of West Covina Planning Department. The list of related projects in the project site area is presented in ***Table 6-1***. The location of the related projects is shown in ***Figure 6-1***.

Traffic volumes expected to be generated by the related projects were calculated using rates provided in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*[7]. The related projects' respective traffic generation for the weekday AM and PM peak hours, as well as on a daily basis for a typical weekday, is summarized in *Table 6-1*. The distribution of the related projects traffic volumes to the study intersections during the weekday AM and PM peak hours is displayed in ***Figures 6-2*** and ***6-3***, respectively.

[7] Institute of Transportation Engineers *Trip Generation Manual*, 9th Edition, Washington, D.C., 2012.

Table 6-1
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE			IN	OUT	TOTAL	IN	OUT	TOTAL
City of Covina												
1	Approved	City Ventures Covina 3 400 Block North Citrus Avenue	Condominium Retail	68 DU 5,794 GLSF	[3] [4]	395 247	5 4	25 2	30 6	23 10	12 11	35 21
2	Proposed	Covina Townhomes (Site A) Project Northwest corner of San Bernardino Road and Citrus Avenue	Townhome Restaurant Retail	161 DU 3,800 GSF 13,500 GLSF	[5]	1,700	36	72	108	87	58	145
3	Proposed	Covina Assembly of God 250 East San Bernardino Road	Church Addition	9,400 GSF	[7]	86	3	2	5	2	3	5
4	Under Construction	800 North Banna Avenue	Single-Family Residential Public Park	63 DU 2 Acres	[9] [10]	600 4	12 5	35 4	47 9	40 4	23 3	63 7
5	Approved	1732 East Ruddock Street	Single-Family Residential	4 DU	[8]	38	1	2	3	3	1	4
6	Under Construction	777 Enda Place	Light Industrial	99,272 GSF	[11]	692	80	11	91	12	84	96
7	Proposed	Southeast Corner of Park View Drive and Holt Avenue	Assisted Living	94 Occ. Beds	[15]	258	12	5	17	14	13	27
8	Graded	1162 North Citrus Avenue	Condominium Retail Office Event Center	117 DU 4,800 GLSF 15,000 GSF 25,000 GSF	[3] [4] [13] [14]	680 205 165 846	9 3 20 34	42 2 3 17	51 5 23 51	41 9 4 34	20 9 18 35	61 18 22 69
9	Under Construction	1650 East Old Badillo	Assisted Living	32 Occ. Beds	[15]	88	4	2	6	5	4	9
10	Approved	276 West Dexter Street	Condominium	3 DU	[3]	17	0	1	1	1	1	2
11	Under Construction	172 East Center Street	Apartment	5 DU	[6]	33	1	2	3	2	1	3
12	Approved	525 South Citrus Avenue	Retail/Office Fast-Food Restaurant	5,900 GLSF 5,000 GSF	[4] [16]	252 2,481	4 116	2 111	6 227	11 85	11 78	22 163

Table 6-1 (Continued)
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE			IN	OUT	TOTAL	IN	OUT	TOTAL
13a 13b	Proposed	Covina Townhomes Project 401 North Citrus Avenue (Site B1) 129-137 West Orange Street (Site B2) Northeast corner of 2nd Street and San Bernardino Road (Site C)	Office Retail Townhomes	1,030 GSF 3,370 GLSF 18 DU	[17]	219	6	7	13	11	10	21
14	Approved	1680 West San Bernardino Road	Gas Station with Convenience Store	2,350 GSF	[18]	None	98	95	193	115	114	229
City of West Covina												
15	Proposed	524 South Barranca Street	Single-Family Residential	4 DU	[8]	38	1	2	3	3	1	4
TOTAL						**9,044**	**454**	**444**	**898**	**516**	**510**	**1,026**

[1] Sources: City of Covina Community Development Department and City of West Covina Planning Department. Trip generation for the related projects are based on ITE "Trip Generation Manual", 9th Edition, 2012 (as referenced in the Project Data Source column), except as noted.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 230 (Residential Condominium/Townhouse) trip generation average rates.
[4] ITE Land Use Code 820 (Shopping Center) trip generation average rates.
[5] Source: "Covina Townhomes (Site A) Project Traffic Impact Study", prepared by LLG Engineers, May 9, 2018.
[6] ITE Land Use Code 220 (Apartment) trip generation average rates.
[7] ITE Land Use Code 560 (Church) trip generation average rates.
[8] ITE Land Use Code 610 (Hospital) trip generation average rates.
[9] ITE Land Use Code 210 (Single-Family Residential) trip generation average rates.
[10] ITE Land Use Code 411 (City Park) trip generation average rates.
[11] ITE Land Use Code 110 (Light Industrial) trip generation average rates.
[12] ITE Land Use Code 932 High-Turnover (Sit-Down) Restaurant trip generation average rates.
[13] ITE Land Use Code 710 (General Office) trip generation average rates.
[14] ITE Land Use Code 495 (Recreational Community Center) trip generation average rates.
[15] ITE Land Use Code 254 (Assisted Living) trip generation average rates.
[16] ITE Land Use Code 934 (Fast-Food Restaurant with Drive-Through) trip generation average rates.
[17] Source: "Covina Townhomes Project Traffic Impact Study", prepared by LLG Engineers, Octboer 9, 2017.
[18] ITE Land Use Code 945 (Gasoline/Service Station with Convenience Market) trip generation average rates.

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MAP SOURCE: RAND MCNALLY & COMPANY

★ PROJECT SITE

FIGURE 6-1
LOCATION OF RELATED PROJECTS

LINSCOTT, LAW & GREENSPAN, engineers

KAISER PERMANENTE COVINA MOB PROJECT

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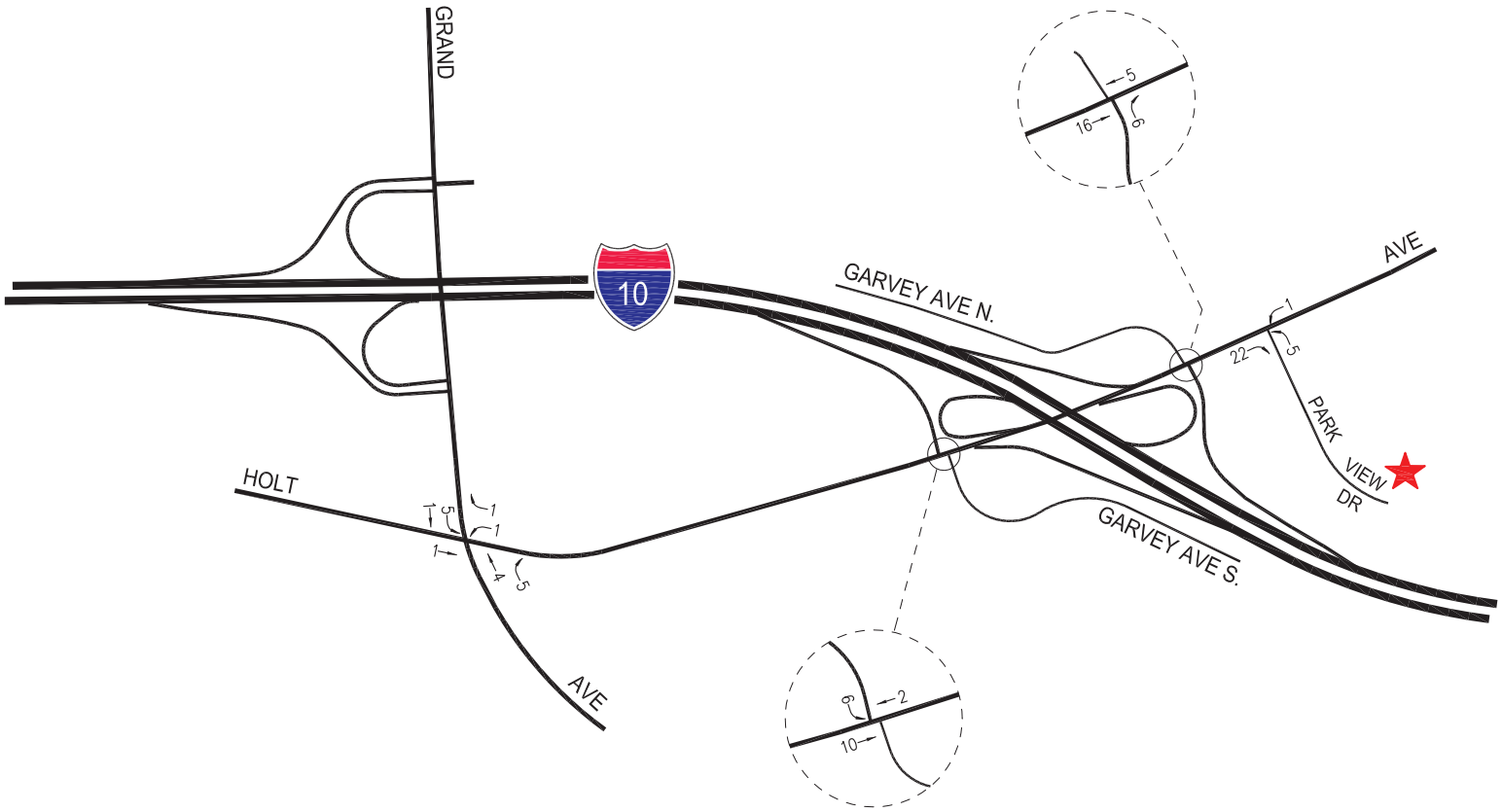

PROJECT SITE

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FIGURE 6-2
RELATED PROJECTS TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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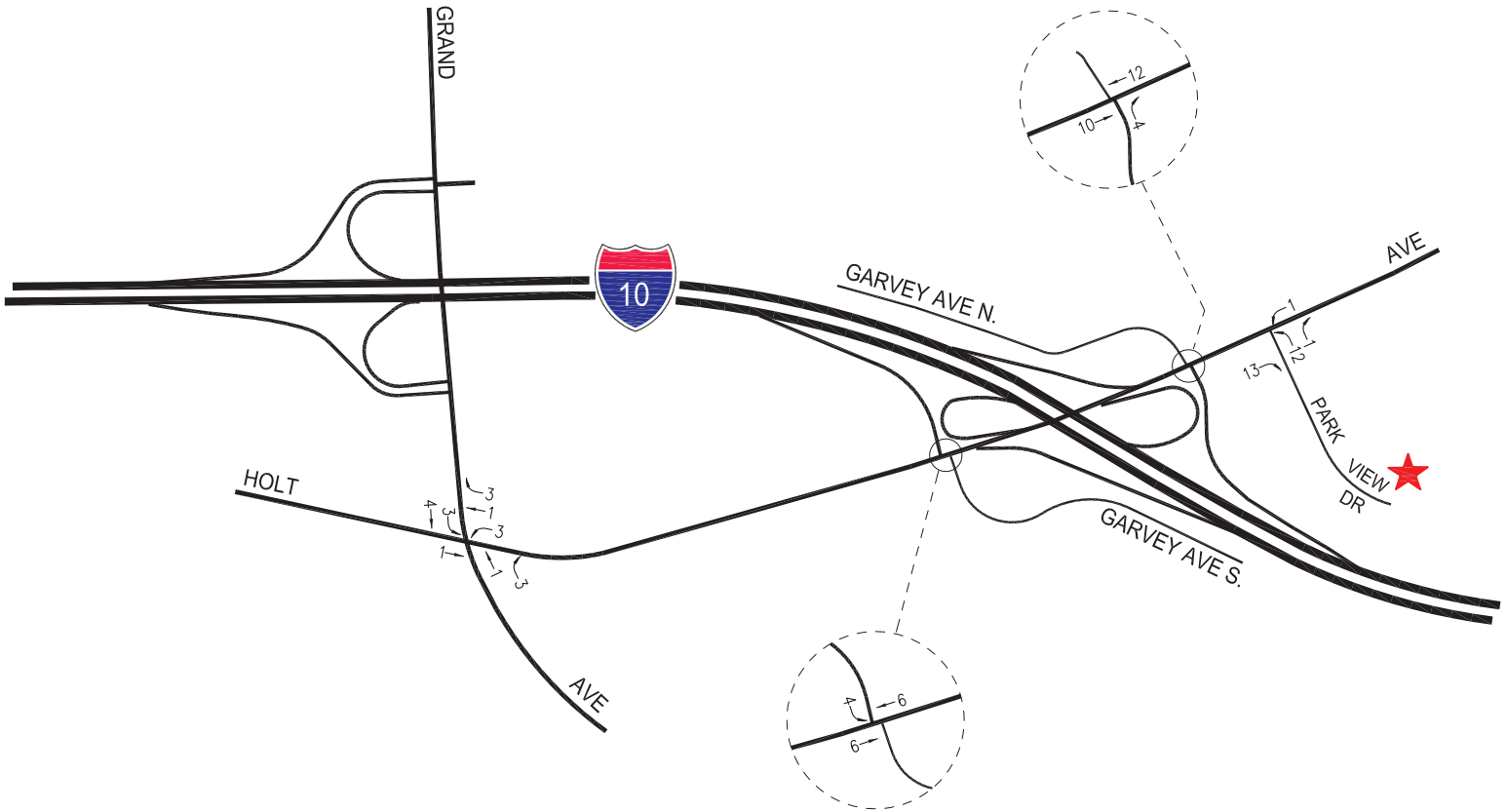

PROJECT SITE

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FIGURE 6-3
RELATED PROJECTS TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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6.2 Ambient Traffic Growth Factor

In order to account for unknown related projects not included in this analysis, the existing traffic volumes were increased at an annual rate of one percent (1.0%) per year to the year 2022 (i.e., the anticipated year of project build-out). The ambient growth factor was based on general traffic growth factors provided in the *2010 Congestion Management Program* (the "CMP manual"). The general traffic growth factors provided in the CMP manual for the Regional Statistical Area (RSA) 26, which includes the Covina and West Covina areas, reflect an annual traffic volume growth rate of approximately 0.43% per year between years 2015 and 2025. Thus, application of a one percent (1.0%) annual growth factor allows for a conservative, worst-case forecast of future traffic volumes in the area. Further, it is noted that the CMP manual's traffic growth rate is intended to anticipate future traffic generated by development projects in the project vicinity. Thus, the inclusion in this traffic analysis of both a forecast of traffic generated by the known related projects plus the use of an ambient growth traffic factor based on CMP traffic model data results in a conservative estimate of future traffic volumes at the study intersections.

7.0 TRAFFIC FORECASTING METHODOLOGY

In order to estimate the traffic impact characteristics of the Kaiser Permanente Covina MOB project, a multi-step process has been utilized. The first step is trip generation, which estimates the total arriving and departing traffic volumes on a peak hour and daily basis. The traffic generation potential is forecast by applying the appropriate vehicle trip generation equations or rates to the project development tabulation.

The second step of the forecasting process is trip distribution, which identifies the origins and destinations of inbound and outbound project traffic volumes. These origins and destinations are typically based on demographics and existing/anticipated travel patterns in the study area.

The third step is traffic assignment, which involves the allocation of project traffic to study area streets and intersections. Traffic assignment is typically based on minimization of travel time, which may or may not involve the shortest route, depending on prevailing operating conditions and travel speeds. Traffic distribution patterns are indicated by general percentage orientation, while traffic assignment allocates specific volume forecasts to individual roadway links and intersection turning movements throughout the study area.

With the forecasting process complete and project traffic assignments developed, the impact of the proposed project is isolated by comparing operational (i.e., Levels of Service) conditions at the selected key intersections using existing and expected future traffic volumes without and with forecast project traffic. The need for site-specific and/or cumulative local area traffic improvements can then be evaluated and the significance of the project's impacts identified.

7.1 Project Traffic Generation

Traffic volumes expected to be generated by the proposed project during the weekday AM and PM peak hours, as well as on a daily basis, were estimated using rates published in the ITE *Trip Generation Manual*. Traffic volumes expected to be generated by the proposed project were based upon rates per 1,000 gross square feet for the project. ITE Land Use Code 720 (Medical-Dental Office) trip generation rates were used to forecast the traffic volumes expected to be generated by the proposed project.

The trip generation forecast for the proposed project is summarized in ***Table 7-1***. The trip generation forecast for the proposed project was submitted for review and approval by City of Covina staff. As presented in *Table 7-1*, the proposed project is forecast to generate 143 vehicle trips (113 inbound trips and 30 outbound trips) during the AM peak hour and 214 vehicle trips (60 inbound trips and 154 outbound trips) during the PM peak hour. Over a 24-hour period, the proposed project is forecast to generate 2,168 daily trips (1,084 inbound trips and 1,084 outbound trips) during a typical weekday.

Table 7-1
PROJECT TRIP GENERATION [1]

LAND USE	SIZE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			IN	OUT	TOTAL	IN	OUT	TOTAL
Medical Office [3]	60,000 GSF	2,168	113	30	143	60	154	214
TOTAL		**2,168**	**113**	**30**	**143**	**60**	**154**	**214**

[1] Source: ITE "Trip Generation", 9th Edition, 2012.

[2] Trips are one-way traffic movements, entering or leaving.

[3] ITE Land Use Code 720 (Medical-Dental Office Building) trip generation average rates.

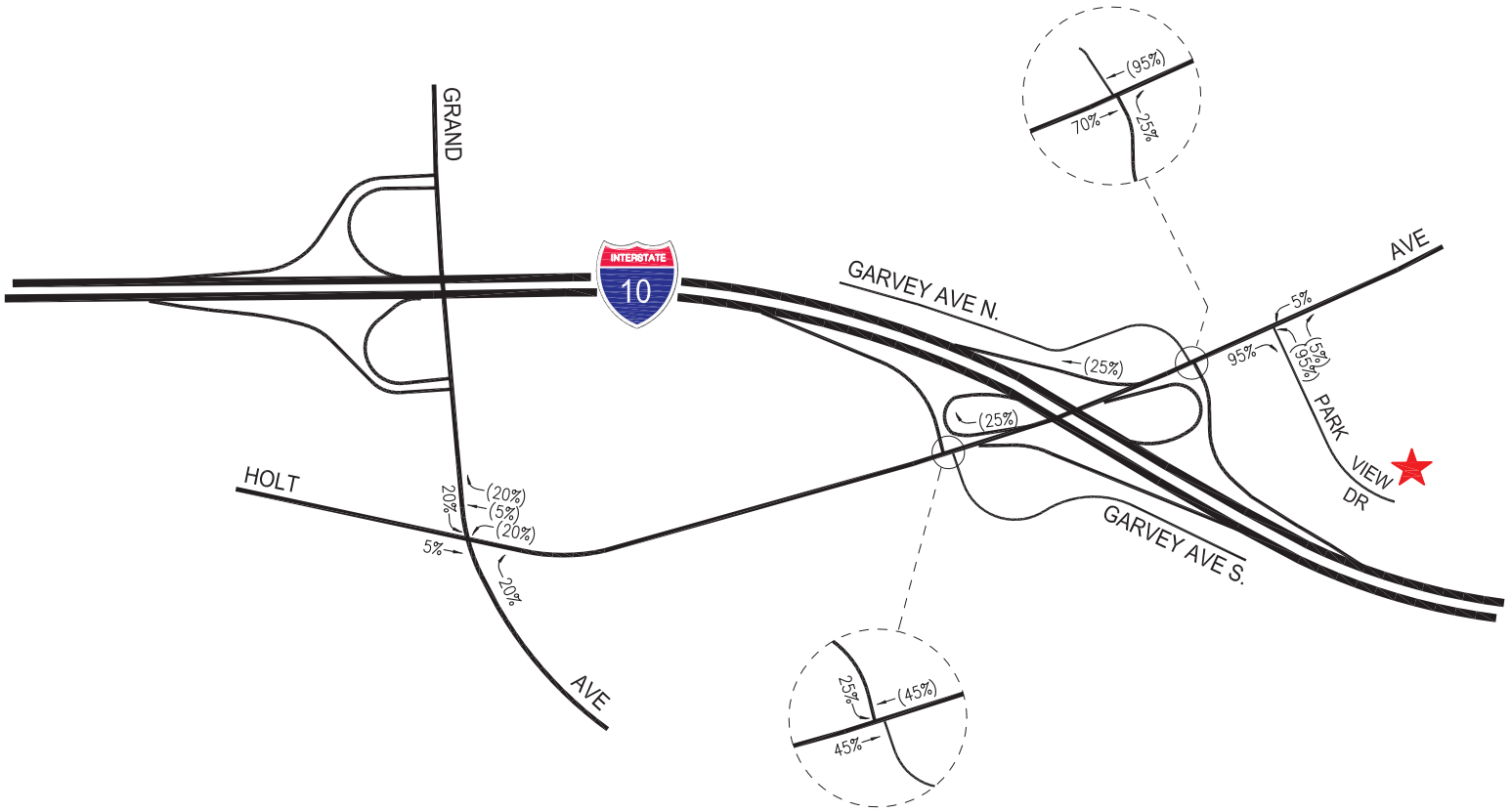
- Daily Trip Rate: 36.13 trips/1,000 SF of floor area; 50% inbound/50% outbound
- AM Peak Hour Trip Rate: 2.39 trips/1,000 SF of floor area; 79% inbound/21% outbound
- PM Peak Hour Trip Rate: 3.57 trips/1,000 SF of floor area; 28% inbound/72% outbound

7.2 Project Traffic Distribution and Assignment

Project traffic volumes both entering and exiting the site have been distributed and assigned to the adjacent street system based on the following considerations:

- The site's proximity to major traffic corridors (i.e., Grand Avenue, Holt Avenue, etc.);
- Expected localized traffic flow patterns based on adjacent roadway channelization and presence of traffic signals;
- Existing intersection traffic volumes;
- Existing site parcel access ingress/egress schemes;
- Ingress/egress scheme planned for the proposed project;
- Nearby population and employment centers; and
- Input from City staff.

The project traffic volume distribution percentages during weekday AM and PM peak hours at the study intersections are illustrated in ***Figure 7-1***. The forecast project traffic volumes at the study intersections for the weekday AM and PM peak hours are displayed in ***Figures 7-2*** and ***7-3***, respectively. The traffic volume assignments presented in *Figures 7-2* and *7-3* reflect the traffic distribution characteristics shown in *Figure 7-1* and the project traffic generation forecast presented in *Table 7-1*.



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PROJECT SITE

XX = INBOUND PERCENTAGE

(XX) = OUTBOUND PERCENTAGE

FIGURE 7-1
PROJECT TRIP DISTRIBUTION

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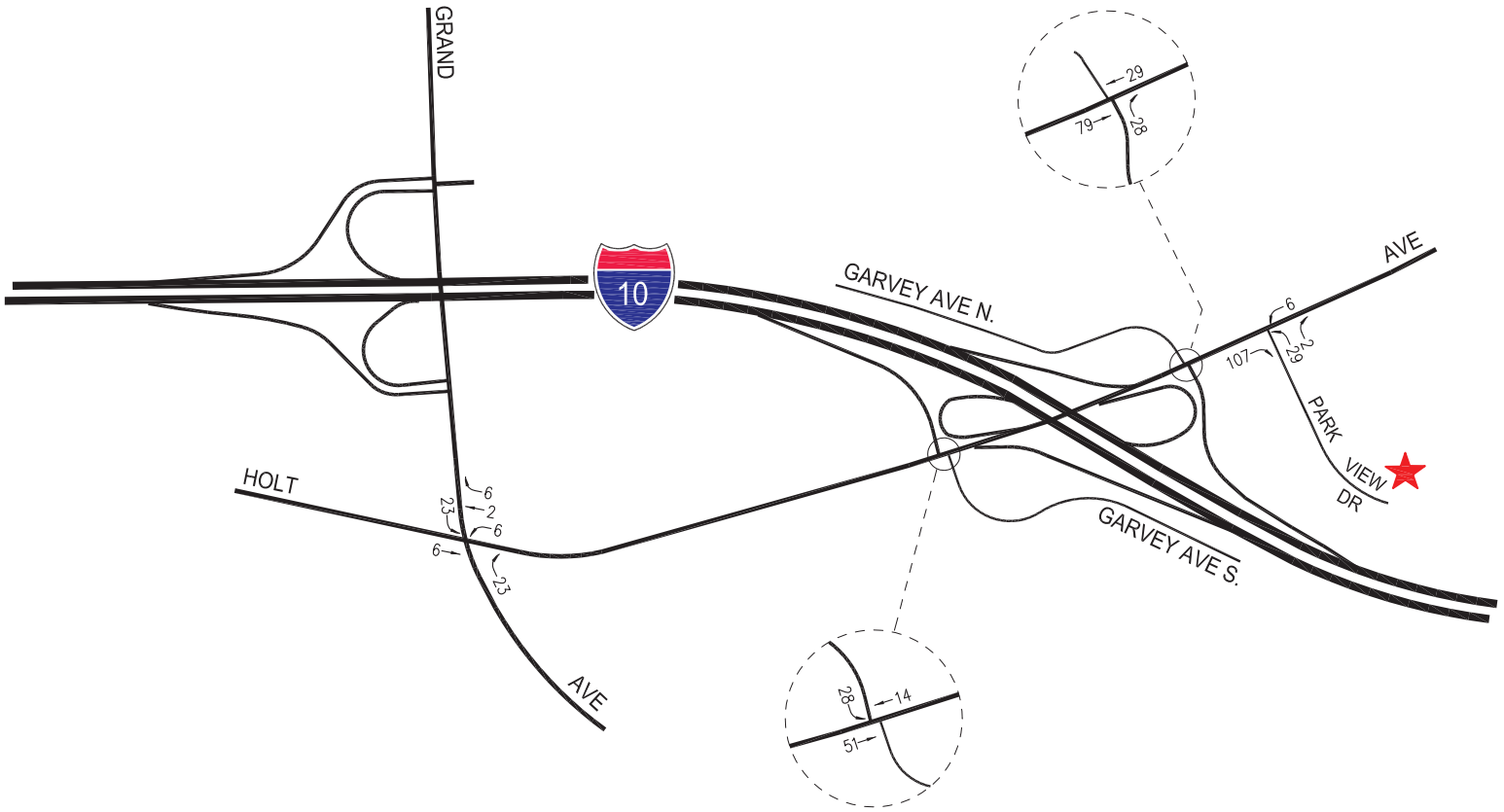

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★ PROJECT SITE

FIGURE 7-2
PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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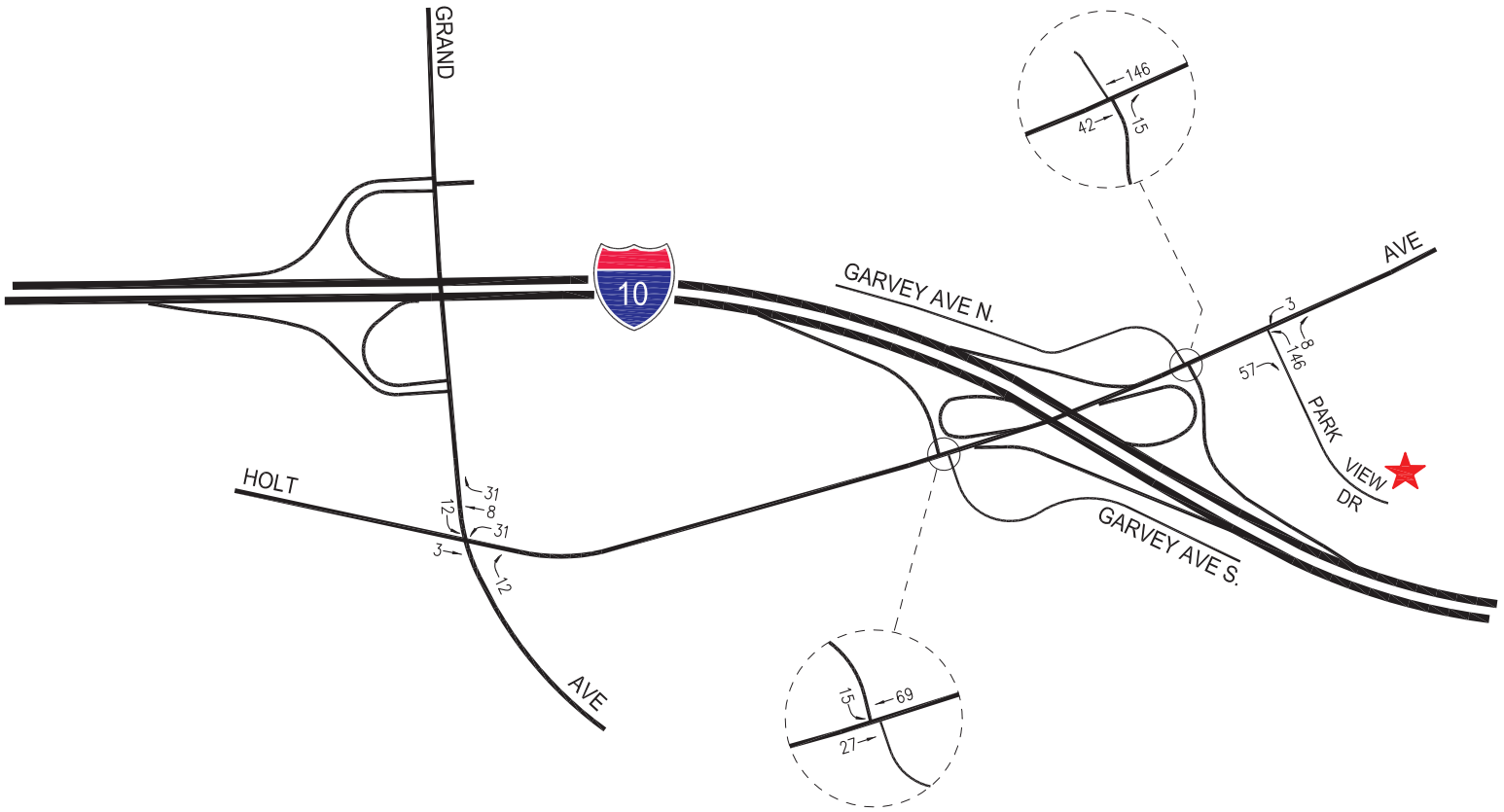

PROJECT SITE

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FIGURE 7-3
PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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8.0 TRAFFIC IMPACT ANALYSIS METHODOLOGY

8.1 Signalized Intersections

Of the four study intersections, one is currently signalized. The signalized study intersection was evaluated using the Intersection Capacity Utilization (ICU) method of analysis which determines Volume-to-Capacity (*v/c*) ratios on a critical lane basis. The ICU method is intended for signalized intersection analysis and determines the *v/c* ratios on a critical lane basis (i.e., based on the individual *v/c* ratios for key conflicting traffic movements). The ICU numerical value represents the percent signal (green) time, and thus capacity, required by existing and/or future traffic. It should be noted that the ICU methodology assumes uniform traffic distribution per intersection approach lane and optimal signal timing. The overall intersection *v/c* ratio is subsequently assigned a Level of Service (LOS) value to describe intersection operations. Level of Service varies from LOS A (free flow) to LOS F (jammed condition). A description of the ICU method and corresponding Level of Service is provided in ***Appendix B***.

As directed by the City of Covina's *Traffic Impact Analysis Guidelines* (May 2014), the ICU calculations use a lane capacity of 1,600 vehicles per hour (vph) for left-turn, through, and right-turn lanes, and a dual turn-lane capacity of 2,880 vph. A clearance interval of 0.05 also is included in the ICU calculations.

8.2 Unsignalized Intersections

The remaining three study intersections are unsignalized. The respective *Highway Capacity Manual* (HCM 2010) methodologies outlined in Chapter 19 for unsignalized/two-way stop-controlled (TWSC) intersections and Chapter 20 for unsignalized/all-way stop-controlled (AWSC) intersections were utilized for the analysis of the unsignalized locations. The HCM method determines the average control delay experienced at the intersections. The TWSC methodology estimates the average control delay for each minor-street movement (or shared movement) as well as major-street left-turns and determines the LOS for each constrained movement. The AWSC methodology estimates the average control delay for each of the subject movements and determines the LOS for each constrained movement. Average control delay for any particular movement is a function of the capacity of the approach and the degree of saturation. The average control delay is measured in seconds per vehicle, and includes delay due to deceleration to a stop at the back of the queue from free-flow speed, move-up time within the queue, stopped delay at the front of the queue, and delay due to acceleration back to free-flow speed. A description of the HCM method and corresponding Level of Service also is provided in *Appendix B*.

8.3 Impact Criteria and Thresholds

The relative impact of the added project traffic volumes expected to be generated by the proposed project during the weekday AM and PM peak hours was evaluated based on analysis of existing and future operating conditions at the study intersections, without and with the proposed project. The previously discussed capacity analysis procedures were utilized to evaluate the future *v/c* relationships and service level characteristics at each study intersection.

As indicated in *Table 4-1*, two of the four study intersections are located within the City of Covina. The two remaining study intersections are located within the City of West Covina. Each study intersection was evaluated for potential traffic impacts using the significant traffic impact criteria utilized in the jurisdiction of the intersection (e.g., study intersections in the City of Covina were evaluated for potential traffic impacts using the criteria of the City of Covina, etc.).

8.3.1 *City of Covina Impact Criteria and Thresholds*

The significance of the potential impacts of project-generated traffic at the City of Covina study intersections was identified using the traffic impact criteria set forth in the City of Covina's *Traffic Impact Analysis Guidelines* (May 2014). According to the City's traffic impact analysis guidelines, a significant transportation impact is determined based on the impact threshold criteria presented in ***Table 8-1***.

Table 8-1
CITY OF COVINA
SIGNALIZED INTERSECTION IMPACT THRESHOLD CRITERIA

Pre-Project *v/c*	Level of Service	Project Related Increase in *v/c*
0.71 to 0.80	C	equal to or greater than 0.04
0.81 to 0.90	D	equal to or greater than 0.02
0.91 or more	E / F	equal to or greater than 0.01
UNSIGNALIZED INTERSECTION IMPACT THRESHOLD CRITERIA		
Pre-Project Delay	**Level of Service**	**Project Related Increase in Delay**
≤ 25.0 seconds	A/B/C	LOS D or worse
> 25.0 seconds	D/E/F	equal to or greater than 5.0 seconds

The City's traffic impact analysis guidelines require mitigation of project traffic impacts whenever traffic generated by the proposed development exceeds the criteria above.

8.3.2 *City of West Covina Impact Criteria and Thresholds*

The significance of the potential impacts of project-generated traffic at the City of West Covina study intersections was identified using the traffic impact criteria as summarized below based on discussions with City staff. According to the City of West Covina, a significant transportation impact is determined based on the impact threshold criteria presented in ***Table 8-2***.

Table 8-2
CITY OF WEST COVINA
INTERSECTION IMPACT THRESHOLD CRITERIA

Final *v/c*	Level of Service	Project Related Increase in *v/c*
> 0.800	D, E, F	equal to or greater than 0.02

The City's method requires mitigation of project traffic impacts whenever traffic generated by the proposed development exceeds the criteria above. For unsignalized study intersections, the HCM method is utilized to determine the Level of Service and the ICU method is utilized to determine the increase in the *v/c* ratio.

8.4 Traffic Impact Analysis Scenarios

Pursuant to the City's traffic impact analysis guidelines, LOS calculations have been prepared for the following scenarios:

[a] Existing conditions.

[b] Existing with project conditions.

[c] Condition [b] with implementation of project mitigation measures, where necessary.

[d] Condition [a] plus 1.0 percent (1.0%) annual ambient traffic growth through year 2022 and with completion and occupancy of the related projects (i.e., future without project conditions). It should be noted that this scenario assumes completion of the Caltrans I-10 Freeway HOV Lane Improvement project in summer of Year 2021.

[e] Condition [d] with completion and occupancy of the proposed project.

[f] Condition [e] with implementation of project mitigation measures, where necessary.

The traffic volumes for each new condition were added to the volumes in the prior condition to determine the change in capacity utilization at the study intersections.

9.0 TRAFFIC ANALYSIS

The traffic impact analysis prepared for the study intersections using the ICU and HCM methodologies and application of the City of Covina and City of West Covina significant traffic impact criteria is summarized in ***Table 9-1***. The ICU and HCM data worksheets for the analyzed intersections are contained in *Appendix B*.

9.1 Existing Conditions

9.1.1 *Existing Conditions*

As indicated in column [1] of *Table 9–1*, all four study intersections are presently operating at LOS C or better during the weekday AM and PM peak hours under existing conditions. The existing traffic volumes at the study intersections during the weekday AM and PM peak hours are displayed in *Figures 5–1* and *5–2*, respectively.

9.1.2 *Existing With Project Conditions*

As shown in column [2] of *Table 9–1,* application of the City's threshold criteria to the "Existing With Project" scenario indicates that the proposed project is expected to result in a significant impact at one of the four study intersections. Incremental, but not significant, impacts are noted at the remaining study intersections. As presented in column [2] of *Table 9-1*, application of the City's threshold criteria to the " Existing With Project" scenario indicates that the project is expected to result in a significant impact at the following study intersection:

- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

The existing with project traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figures 9–1*** and ***9–2***, respectively.

9.2 Future Conditions

9.2.1 *Future Without Project Conditions*

The future cumulative baseline conditions were forecast based on the addition of traffic generated by the completion and occupancy of the related projects, as well as the growth in traffic due to the combined effects of continuing development, intensification of existing developments and other factors (i.e., ambient growth). The *v/c* ratios at all of the study intersections are incrementally increased with the addition of ambient traffic and traffic generated by the related projects listed in *Table 6–1*. As presented in column [3] of *Table 9–1*, three of the four study intersections are expected to operate at LOS D or better during the weekday AM and PM peak hours with the addition of growth in ambient traffic and related projects traffic under the future without project conditions. The following study intersection is expected to operate at LOS F during the peak hour shown below with the addition of growth in ambient traffic and related projects traffic under the future without project conditions:

- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

Table 9-1
SUMMARY OF VOLUME TO CAPACITY RATIOS
AND LEVELS OF SERVICE
WEEKDAY AM AND PM PEAK HOURS

			[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	PEAK HOUR	YEAR 2018 EXISTING V/C or DELAY	LOS	YEAR 2018 EXISTING W/ PROJECT V/C or Delay	LOS	CHANGE V/C or DELAY [(2)-(1)]	SIGNIF. IMPACT	YEAR 2022 FUTURE PRE-PROJECT V/C or DELAY	LOS	YEAR 2022 FUTURE W/ PROJECT V/C or DELAY	LOS	CHANGE V/C or DELAY [(4)-(3)]	SIGNIF. IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION V/C or DELAY	LOS [a]	CHANGE V/C or DELAY [(6)-(4)]	MITIGATED
1	Grand Avenue/	AM	0.716	C	0.724	C	0.008	No	0.743	C	0.751	C	0.008	No	---	---	---	---
	Holt Avenue [a]	PM	0.612	B	0.640	B	0.028	No	0.638	B	0.666	B	0.028	No	---	---	---	---
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	23.5	C	32.5	D	0.049	No	27.5	D	40.9	E	0.050	Yes	18.7	C	-8.8	Yes
	Holt Avenue [a], [c]	PM	20.0	C	25.0	D	0.027	No	22.2	C	28.5	D	0.026	No	---	---	---	---
		AM	0.410		0.459				0.434		0.484				---			
		PM	0.409		0.436				0.431		0.457				---			
3	I-10 Freeway WB Ramps-Garvey Street/	AM	13.1	B	15.3	C	2.2	No	19.4	C	23.4	C	4.0	No	---	---	---	---
	Holt Avenue [b], [d]	PM	21.2	C	44.6	E	23.4	Yes	50.9	F	>80.0	F	[e]	Yes	42.6	E	-8.3	Yes
4	Park View Drive/	AM	11.2	B	12.9	B	1.7	No	11.9	B	13.5	B	1.6	No	---	---	---	---
	Holt Avenue [b], [c]	PM	10.9	B	13.9	B	3.0	No	11.4	B	14.7	B	3.3	No	---	---	---	---

[a] The City of West Covina intersection impact threshold criteria is as follows:

Level of Service	Pre-Project V/C	Incremental Increase in V/C
D/E/F	> 0.800	equal to or greater than 0.020

[b] The City of Covina intersection impact threshold criteria is as follows:

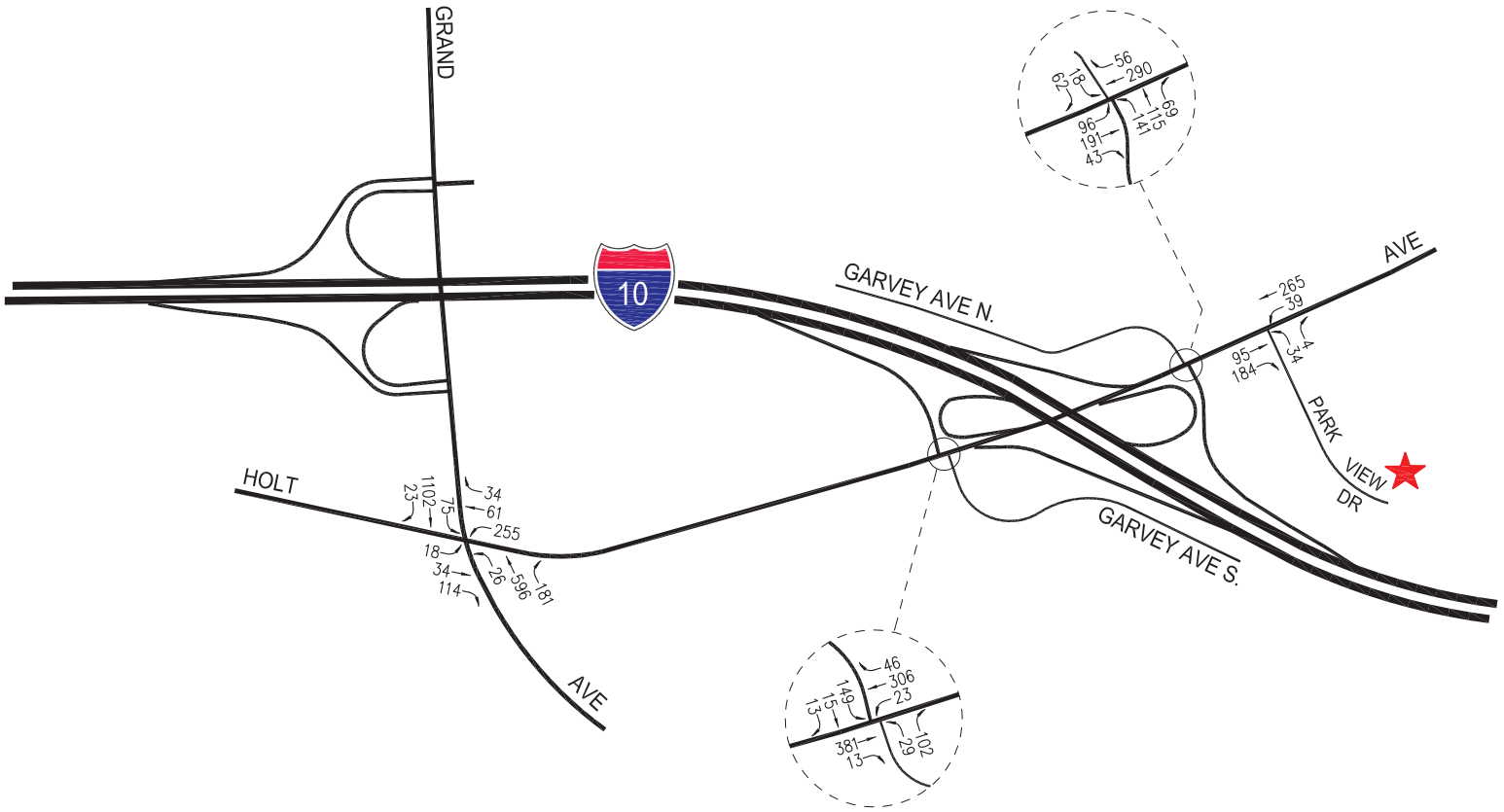
Signalized intersections:

Level of Service	Pre-Project V/C	Project-Related Increase in V/C
C	> 0.700 - 0.800	equal to or greater than 0.040
D	> 0.800 - 0.900	equal to or greater than 0.020
E/F	> 0.900	equal to or greater than 0.010

Unsignalized intersections:

Level of Service	Pre-Project Delay	Project-Related Increase in Delay
A/B/C	≤ 25.0 sec.	LOS D or worse
D/E/F	> 25.0 sec.	equal to or greater than 5.0 seconds

[c] Unsignalized intersection. Two-way stop controlled.
[d] Unsignalized intersection. All-way stop controlled.
[e] Oversaturated Conditions.



PROJECT SITE

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FIGURE 9-1
EXISTING WITH PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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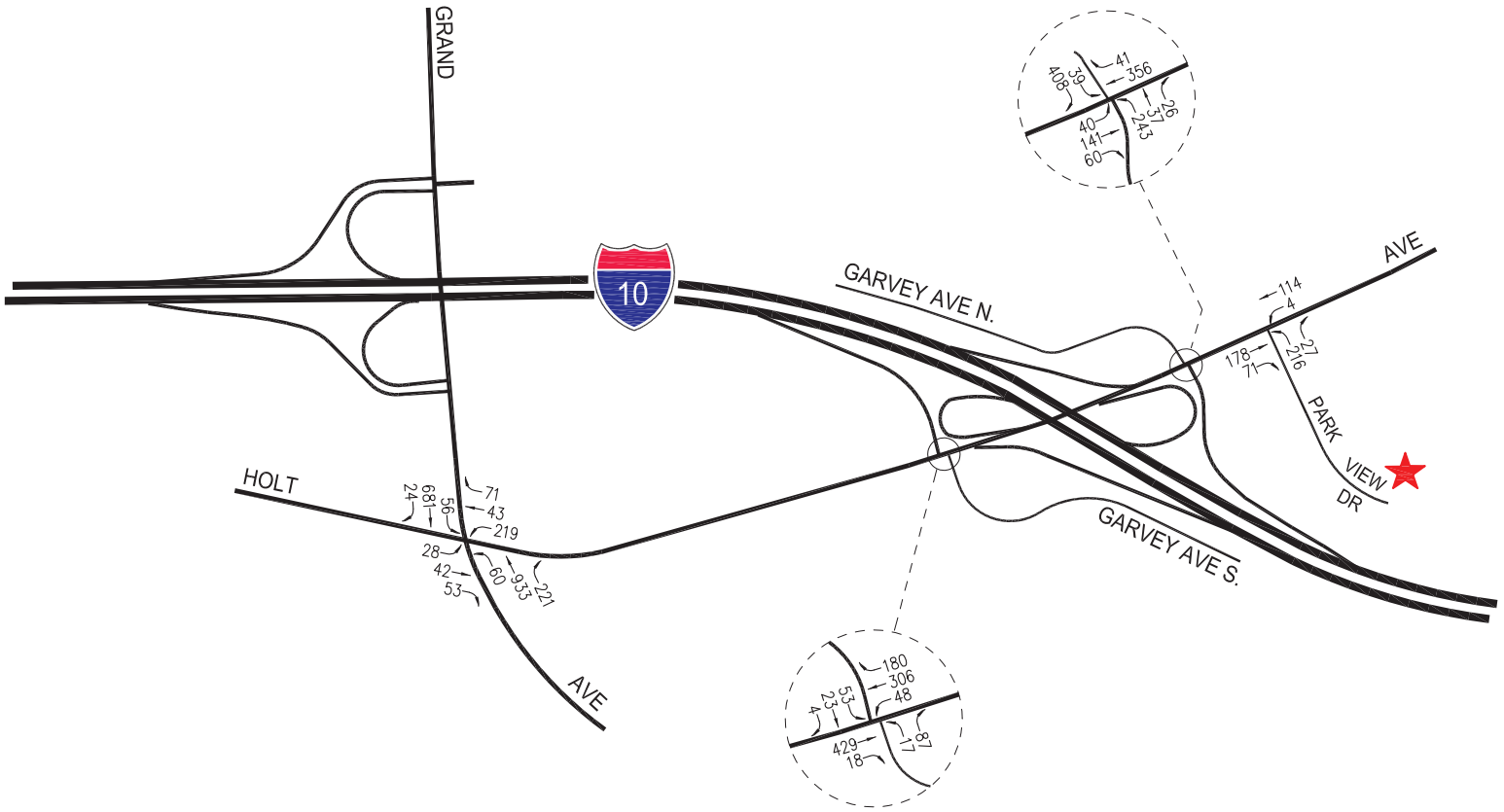

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FIGURE 9-2
EXISTING WITH PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

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It should be noted that the Caltrans I-10 Freeway HOV Lane Improvement project is assumed to be completed under the future pre-project conditions. As such, the pre-construction lane configurations and traffic controls have been assumed at the I-10 Freeway Eastbound and Westbound Off-Ramp/Holt Avenue intersections. The future without project (existing, ambient growth and related projects) traffic volumes at the study intersections during the weekday AM and PM peak hours are presented in ***Figures 9–3*** and ***9–4***, respectively.

9.2.2 *Future With Project Conditions*

As shown in column [4] of *Table 9–1,* application of the City's threshold criteria to the "With Proposed Project" scenario indicates that indicates that the proposed project is expected to result in a significant impact at two of the four study intersections. Incremental, but not significant, impacts are noted at the remaining study intersections. As presented in column [4] of *Table 9-1*, application of the City's threshold criteria to the "Future With Proposed Project" scenario indicates that the project is expected to create a significant impact at the following study intersections:

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

The future with project (existing, ambient growth, related projects and project) traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figures 9–5*** and ***9–6***, respectively.

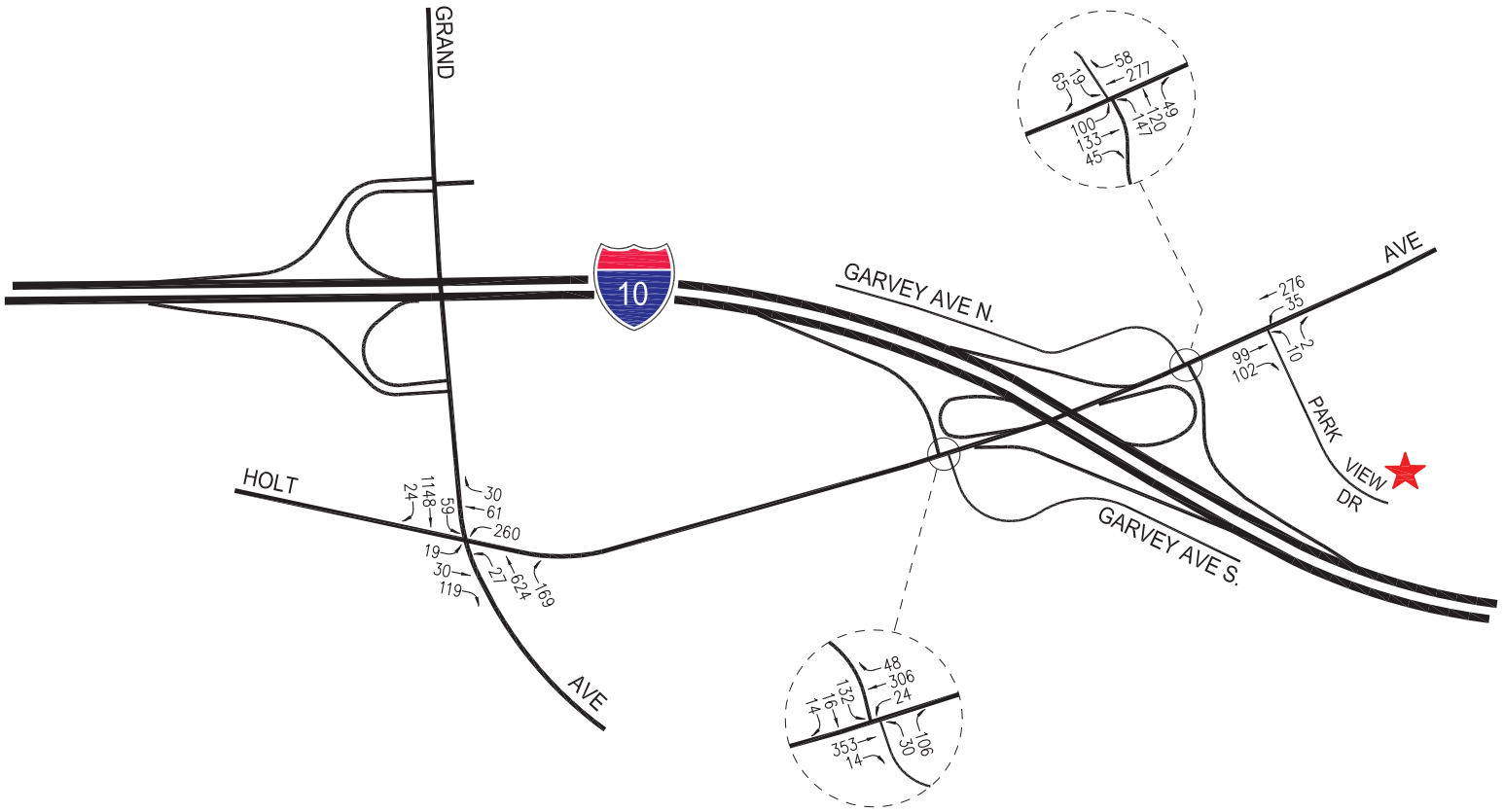

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FIGURE 9-3
FUTURE WITHOUT PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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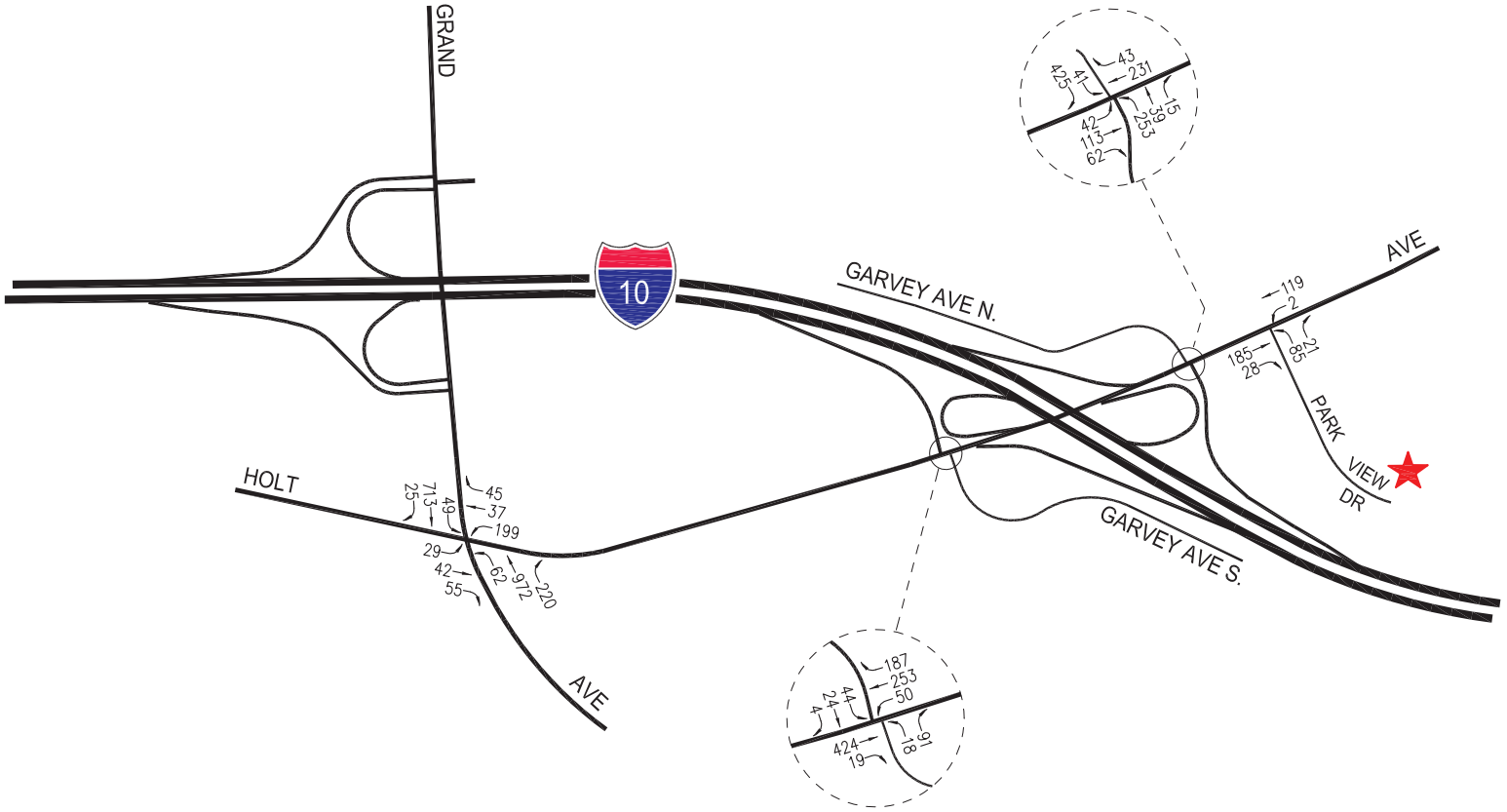

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FIGURE 9-4
FUTURE WITHOUT PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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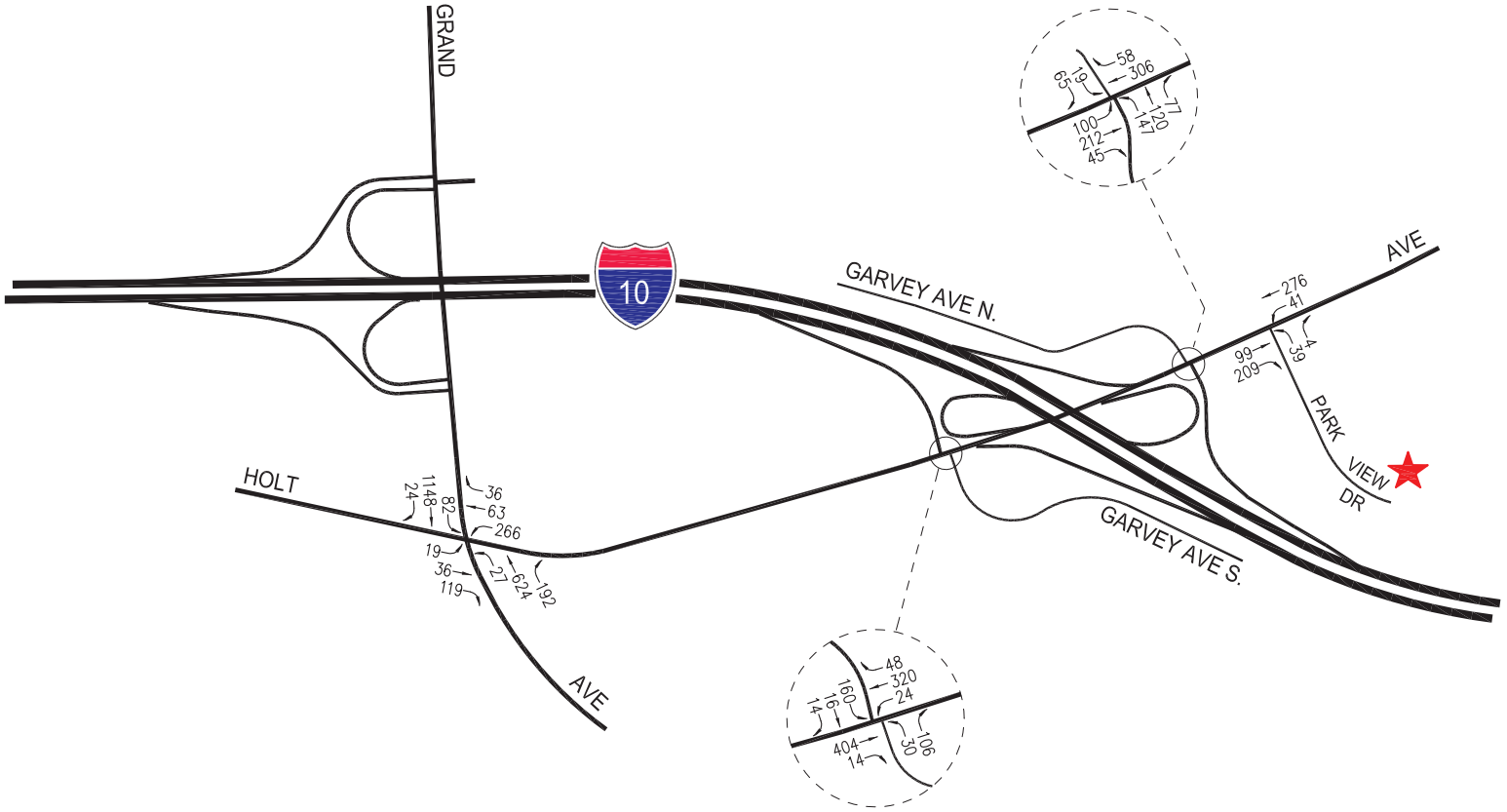

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FIGURE 9-5
FUTURE WITH PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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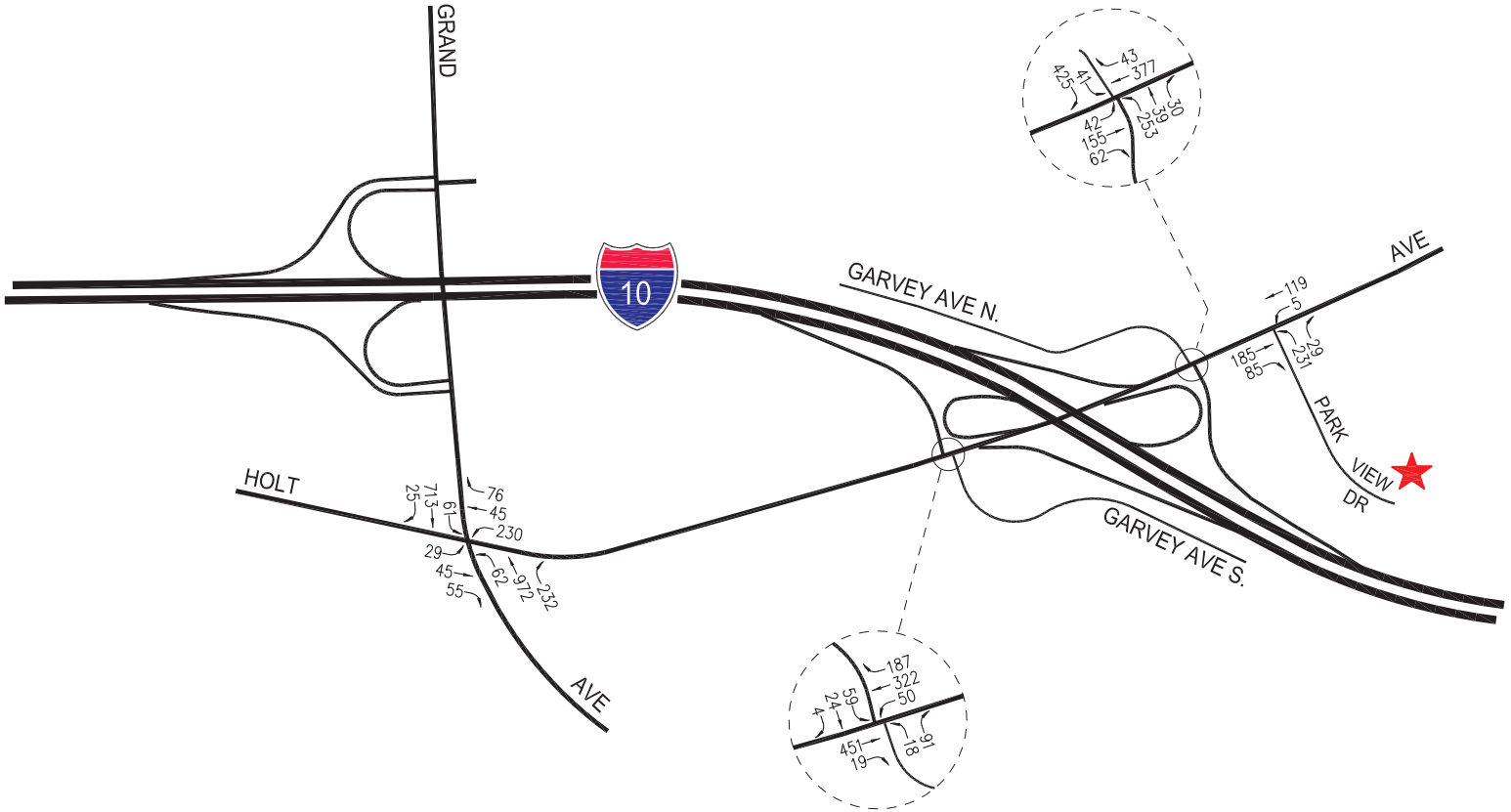

PROJECT SITE

N

NOT TO SCALE

FIGURE 9-6
FUTURE WITH PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

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10.0 TRANSPORTATION IMPROVEMENT MEASURES

As summarized in Section 9.0, Traffic Analysis, the proposed project is forecast to result in significant cumulative traffic impacts at the following study intersections:

- Intersection No. 2: I-10 Freeway EB Ramps/Holt Avenue
- Intersection No. 3: I-10 Freeway WB Ramps/Holt Avenue

Transportation improvement mitigation measures typically consist of transportation demand management (TDM) measures, improvements such as roadway and/or intersection restriping and roadway widening to accommodate additional travel lanes, and/or additional traffic control (e.g., stop signs) or traffic operations/signal modifications. The following paragraphs summarize the recommended transportation mitigation measures for the subject study intersections.

10.1 City of Covina Transportation Mitigation Measure

Intersection No. 3: I-10 Freeway WB Ramps/Holt Avenue

By way of background, this intersection was operating under two-way stop control (i.e., Holt Avenue eastbound and westbound traffic was not required to stop) prior to commencement of construction activities associated with the I-10 Freeway HOV Lane improvement project. Prior to the construction, two through travel lanes were also provided along Holt Avenue at this intersection. During construction of the I-10 Freeway improvement project, however, the intersection was converted to all-way stop control and the through travel lanes along Holt Avenue were reduced to one in each direction. Since the I-10 Freeway HOV Lane improvement project is expected to be completed in Year 2021, the analysis of "Future Without Project" and "Future With Project" (Year 2022) conditions was based on the type of traffic control and lanes prior to the construction activities associated with the I-10 Freeway improvement project.

The recommended improvement at this intersection consists of the conversion of two-way stop control (i.e., the type of traffic control prior to the I-10 Freeway construction project) to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound and westbound approaches. As noted above, the intersection is currently operating under all-way stop control during construction of the I-10 Freeway improvement project. As shown in *Table 9*-1, the recommended mitigation measure is expected to reduce the forecast cumulative and project impact to less than significant levels by reducing overall delays and improving the intersection LOS.

10.2 City of West Covina Transportation Mitigation Measure

Intersection No. 2: I-10 Freeway EB Ramps/Holt Avenue

The recommended improvement at this intersection consists of the conversion of two-way stop control to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound

and westbound approaches. As shown in *Table 9-1*, the recommended mitigation measure is expected to reduce the forecast cumulative impact to less than significant levels by reducing overall delays and improving the intersection LOS.

11.0 CONGESTION MANAGEMENT PROGRAM TRAFFIC IMPACT ASSESSMENT

The Congestion Management Program (CMP) is a state-mandated program that was enacted by the California State Legislature with the passage of Proposition 111 in 1990. The program is intended to address the impact of local growth on the regional transportation system.

As required by the 2010 Congestion Management Program, a Traffic Impact Assessment (TIA) has been prepared to determine the potential impacts on designated monitoring locations on the CMP highway system. The analysis has been prepared in accordance with procedures outlined in the *2010 Congestion Management Program*, Los Angeles County Metropolitan Transportation Authority, October 2010.

According to Section D.9.1 (Appendix D, page D-6) of the 2010 CMP manual, the criteria for determining a significant transportation impact is listed below:

> "A significant transportation impact occurs when the proposed project increases traffic demand on a CMP facility by 2% of capacity (V/C $\geq$ 0.02), causing or worsening LOS F (V/C > 1.00); if the facility is already at LOS F, a significant impact occurs when the proposed project increases traffic demand on a CMP facility by 2% of capacity (V/C $\geq$ 0.02)."

The CMP impact criteria apply for analysis of both intersection and freeway monitoring locations.

11.1 Freeways

The following CMP freeway monitoring location in the project vicinity has been identified:

- CMP Station — Segment

  No. 1019 — I-10 Freeway at Grand Avenue

The CMP TIA guidelines require that freeway monitoring locations must be examined if the proposed project will add 150 or more trips (in either direction) during either the weekday AM or PM peak periods. The proposed project will not add 150 or more trips (in either direction) during either the weekday AM or PM peak hours to CMP freeway monitoring locations which is the threshold for preparing a traffic impact assessment, as stated in the CMP manual. Therefore, no further review of potential impacts to freeway monitoring locations that are part of the CMP highway system is required.

11.2 Intersections

The following CMP intersection monitoring locations have been identified in the project vicinity:

- CMP Station — Location

  No. 158 — Azusa Avenue/Cameron Avenue

No. 159 Azusa Avenue/Workman Avenue

The CMP TIA guidelines require that intersection monitoring locations must be examined if the proposed project will add 50 or more trips during either the weekday AM or PM peak hours. The proposed project will not add 50 or more trips during either the weekday AM or PM peak hours (i.e., of adjacent street traffic) at CMP monitoring intersections, as stated in the CMP manual as the threshold criteria for a traffic impact assessment. Therefore, no further review of potential impacts to intersection monitoring locations that are part of the CMP highway system is required.

11.3 Transit Impact Review

As required by the *2010 Congestion Management Program*, a review has been made of the potential impacts of the project on transit service. As discussed in Subsection 4.4 herein, existing transit service is provided in the vicinity of the proposed Kaiser Permanente Covina MOB project.

The project trip generation, as shown in *Table 7–1*, was adjusted by values set forth in the CMP (i.e., person trips equal 1.4 times vehicle trips, and transit trips equal 3.5 percent of the total person trips) to estimate transit trip generation. Pursuant to the CMP guidelines, the proposed project is forecast to generate demand for seven additional transit trips during the weekday AM peak hour and 11 additional transit trips during the weekday PM peak hour. Over a 24-hour period, the proposed project is forecast to generate demand for 106 additional daily transit trips. Therefore, the calculations are as follows:

- Weekday AM Peak Hour = 143 × 1.4 × 0.035 = 7 Transit Trips
- Weekday PM Peak Hour = 214 × 1.4 × 0.035 = 11 Transit Trips
- Weekday Daily Trips = 2,168 × 1.4 × 0.035 = 106 Transit Trips

As shown in *Table 4–3,* three bus transit lines and routes are provided adjacent to or in close proximity the project site. As outlined in *Table 4–3*, under the "No. of Buses During Peak Hour" column, these three transit lines provide services for an average of (i.e., average of the directional number of buses during the peak hours) roughly 10 and 11 buses during the weekday AM and PM peak hours. Therefore, based on the above calculated weekday AM and PM peak hour trips, this would correspond to one additional transit rider per bus during the PM peak hour. It is anticipated that the existing transit service in the project area will adequately accommodate the increase of project-generated transit trips. Thus, given the number of project-generated transit trips per bus, no project impacts on existing or future transit services in the project area are expected to occur as a result of the proposed project.

12.0 CALIFORNIA DEPARTMENT OF TRANSPORTATION ANALYSIS

A supplemental freeway analysis was prepared based on the latest edition of the Highway Capacity Manual (HCM 2010) operational analysis methodologies pursuant to the California Department of Transportation's (Caltrans) *Guide for the Preparation of Traffic Impact Studies*[8]. According to the Caltrans document, the LOS for operating State highway facilities is based upon measures of effectiveness (MOEs). Caltrans endeavors to maintain a target LOS at the transition between LOS "C" and LOS "D" on State highway facilities, however, Caltrans acknowledges that this may not always be feasible and recommends that the lead agency consult with Caltrans to determine the appropriate target LOS. If an existing State highway facility is operating at less than the appropriate target LOS, the existing MOE should be maintained.

12.1 Intersection Analysis

Supplemental intersection analyses were also prepared for the State facility intersections within the project study area pursuant to Caltrans' *Guide for the Preparation of Traffic Impact Studies*. According to the Caltrans document for state-controlled study intersections, the MOE is determined based on control delay in seconds per vehicle (sec/veh). The intersection analyses were prepared utilizing the *Synchro 10* software package which implements the HCM 2010 Highway Capacity Manual operational methods. A *Synchro* network was created based on current traffic signal timing charts and field review of existing conditions at the Caltrans study intersections. In addition, specifics such as lane configurations, lane widths, storage lengths, crosswalk locations, posted speed limits, traffic signal phasing and cycle length, traffic volumes, etc., were coded to complete the existing network.

The following two intersections have been identified for analysis based on their proximity to the project site:

- Intersection No. 2: I-10 Freeway EB Ramps/Holt Avenue
- Intersection No. 3: I-10 Freeway WB Ramps/Holt Avenue

Table 12-1 summarizes the intersection analyses for the existing, existing with project, and Year 2022 future conditions (i.e., Opening Year) both without and with the proposed project. The first column [1] of *Table 12-1* presents a summary of existing traffic conditions. The second column [2] presents existing with project traffic conditions based on existing intersection geometry. The third column [3] presents Year 2022 traffic conditions based on existing intersection geometry, but without any project-generated traffic. The fourth column [4] presents future forecast traffic conditions with the addition of project traffic.

As shown in *Table 12-1,* application of the Caltrans LOS standards and guidelines to the "Existing With Project" and "Year 2022 With Project" scenarios indicate that the proposed project could be expected to result in impacts at the subject intersections during the peak hours shown below.

Table 12-1
CALTRANS INTERSECTION IMPACT ANALYSIS [a]

				[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	TRAFFIC CONTROL	PEAK HOUR	YEAR 2018 EXISTING DELAY [b]	LOS [c]	YEAR 2018 EXISTING W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(2)-(1)]	IMPACT	YEAR 2022 FUTURE PRE-PROJECT W/ AM. GROW. & REL. PROJ. DELAY [b]	LOS [c]	YEAR 2022 FUTURE W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(4)-(3)]	IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION DELAY [b]	LOS [c]	CHANGE IN DELAY [(5)-(3)]	MITIGATED
2	I-10 Freeway EB Ramps-Garvey Avenue S./ Holt Avenue	TWSC	AM	23.5	C	32.5	D	9.0	No	27.5	D	40.9	E	13.4	Yes	18.7	C	-8.8	Yes
			PM	20.0	C	25.0	D	5.0	No	22.2	C	28.5	D	6.3	No	---	---	---	---
3	I-10 Freeway WB Ramps-Garvey Street/ Holt Avenue	AWSC	AM	13.1	B	15.3	C	2.2	No	19.4	C	23.4	C	4.0	No	---	---	---	---
			PM	21.2	C	44.6	E	23.4	Yes	50.9	F	>80.0	F	[d]	Yes	42.6	E	-8.3	Yes

[a] Intersection analysis based on the Highway Capacity Manual operational analysis methodologies per the Caltrans' *Guide for the Preparation of Traffic Impact Studies, December 2002.*

[b] Reported control delay values in seconds per vehicle. For two-way stop controlled intersections, reported control delay values represent the delays associated with the most constrained approach of the intersection.

[c] Unsignalized Intersection Levels of Service are based on the following criteria:

Control Delay (s/veh)	LOS
<= 10	A
> 10-15	B
> 15-25	C
> 25-35	D
> 35-50	E
> 50	F

[d] Oversaturated Conditions.

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

Refer to Section 10.0, Transportation Improvement Measures, for a full discussion of measures proposed to address forecast impacts due to cumulative growth and the development of the proposed project. As shown in column [5] of *Table 12-1,* the proposed improvements are expected to reduce the impacts at the intersections. The corresponding weekday AM and PM peak hour HCM worksheets are contained in *Appendix C*.

12.2 Ramp Vehicle Queuing Analysis

The proposed project is expected to add 10 or more vehicle trips during the weekday AM peak hour to some of the adjacent freeway off-ramp locations, which is the threshold for preparation of a Caltrans ramp analysis. Therefore, a detailed review was undertaken with respect to vehicle queuing on the freeway off-ramp approaches at two locations. The queuing analysis was prepared utilizing the *Synchro 10* software package which implements the HCM 2010 operational analysis methodologies. In forecasting vehicle queuing, the *Synchro* software considers traffic volume data, lane configurations, traffic signal timing and phasing for signalized locations, and available vehicle storage lengths for the respective traffic movements. The vehicle queuing review has been prepared using the respective weekday AM and PM peak hour traffic volume forecasts for existing, existing with project, and Year 2022 conditions both without and with the proposed project.

Each of the analyzed freeway ramp intersection approaches were reviewed in terms of expected maximum vehicle queues (i.e., 95th percentile queues) which represent the maximum back of vehicle queues with 95th percentile traffic volumes. The corresponding maximum vehicle queue lengths were then compared with the 85th percentile available ramp storage lengths pursuant to Caltrans recommendation.

As presented in ***Table 12-2***, adequate 85th percentile storage areas are provided to accommodate the forecast 95th percentile queues at the off-ramp locations under all analysis conditions. Therefore, vehicle queuing back onto the I-10 Freeway mainline travel lanes is not expected. The corresponding weekday AM peak hour and PM peak hour HCM worksheets for purposes of determining the 95th percentile vehicle queues also are contained in *Appendix C*.

[8] *Guide for the Preparation of Traffic Impact Studies*, State of California Department of Transportation, December 2002.

Table 12-2
SUMMARY OF OFF-RAMP VEHICLE QUEUING ANALYSIS [1]
WEEKDAY AM AND PM PEAK HOURS

NO.	INTERSECTION	PEAK HOUR	85th PERCENTILE AVAILABLE OFF-RAMP STORAGE [2] (FEET)	EXISTING YEAR 2018		EXISTING YEAR 2018 WITH PROJECT		FUTURE YEAR 2022 WITHOUT PROJECT		FUTURE YEAR 2022 WITH PROJECT	
				95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	1,060	55	No	88	No	70	No	113	No
	Holt Avenue	PM	1,060	25	No	33	No	25	No	40	No
3	I-10 Freeway WB Ramps-Garvey Street/	AM	1,180	55	No	65	No	90	No	120	No
	Holt Avenue	PM	1,180	80	No	113	No	190	No	318	No

[1] Refer to calculation worksheets in Appendix D.

[2] Available storage represents 85 percent of storage space as measured via Caltrans Earth, 2017.

[3] The 95th percentile queue is the maximum back of queue with 95th percentile traffic volumes. An average vehicle length of 25 feet (including vehicle separation) was assumed for analysis purposes. A minimum of 25 feet (i.e., one vehicle) was reported for queues of less than 25 feet. Refer to Appendix Table D-1 for calculation of peak hour off-ramp queuing.

13.0 CONCLUSIONS

- ***Project Description –*** The proposed project consists of the development of a 3-story medical office building with a total of approximately 60,000 square feet of floor area. Additionally, the proposed project will include the construction of a 3-story parking structure with approximately 240 parking spaces and 70 surface parking spaces for a total of 310 on-site parking spaces. A drop-off/pick-up zone will be provided along the southern portion of the proposed medical office building.

- ***Vehicular Site Access*** – Vehicular access to the proposed project site will be provided via three new driveways on Park View Drive. Full access is planned to be provided (i.e., right-turn and left-turn ingress and egress turning traffic movements) at the northerly and southerly project driveways. The middle site driveway is planned to be an outbound only driveway from the proposed drop-off/pick-up zone and will be limited to egress movements only (i.e., right-turn and left-turn outbound movements only).

- ***Study Scope*** - A total of four study intersections were selected for analysis in consultation with City of Covina and City of West Covina staff in order to determine potential impacts related to the proposed project.

- ***Project Trip Generation –*** The proposed project is forecast to generate 143 vehicle trips (113 inbound trips and 30 outbound trips) during the AM peak hour and 214 vehicle trips (60 inbound trips and 154 outbound trips) during the PM peak hour. Over a 24-hour period, the proposed project is forecast to generate 2,168 daily trips (1,084 inbound trips and 1,084 outbound trips) during a typical weekday.

- ***Related Projects*** – The City of Covina Community Development Department and the City of West Covina Planning Department were consulted to obtain the list of development projects (related projects) in the area. A total of 15 related projects was identified and considered as part of the cumulative traffic analysis.

- ***Traffic Impact Analysis*** – It was determined that the proposed project would contribute to significant cumulative traffic impacts at two (2) intersections. Mitigation measures are proposed for the two significant impacts projected at the eastbound and westbound Caltrans I-10 Freeway Off-Ramp intersections with Holt Avenue.

- ***CMP Traffic Assessment*** – The results of the Los Angeles CMP traffic assessment indicated that the proposed project will not adversely affect any CMP arterial monitoring intersections or freeway monitoring locations. Therefore, no improvements/mitigation measures are required.

- ***Caltrans Traffic Impact Analysis*** – It is concluded that the proposed project is expected to result in traffic impacts at the two freeway ramp intersections based on the Caltrans analysis methodology. Mitigation measures are proposed for the two impacts projected at the eastbound and westbound Caltrans I-10 Freeway Off-Ramp intersections with Holt Avenue. No impacts with respect to vehicle queuing at the analyzed freeway off-ramp locations are expected due to the proposed project.

APPENDIX A

TRAFFIC COUNT DATA

COVINA PARK VIEW HOTEL
TRAFFIC IMPACT STUDY

DRAFT

July 10, 2017

Prepared for:

Covina Park View, LLC
2052 Newport Boulevard
Costa Mesa, CA 92627

Attention: Mr. Matt Hamilton

Prepared by:

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Consulting Traffic Engineers
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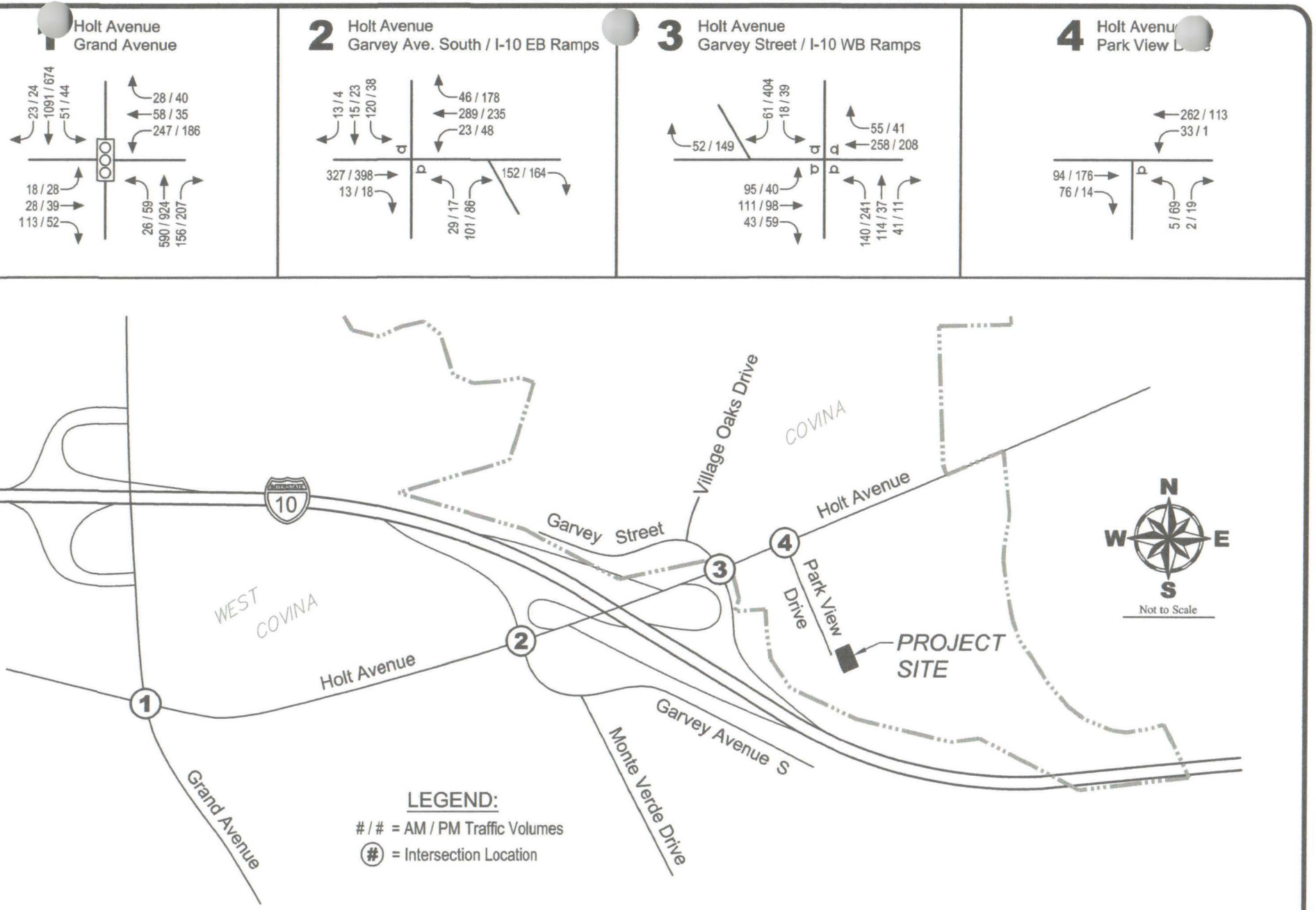

HARTZOG & CRABILL, Inc.

EXISTING CONDITIONS

Traffic Volumes

CITY OF COVINA

Figure 3.3-1

FIG3.3-1.dwg

APPENDIX B

ICU AND HCM LEVELS OF SERVICE EXPLANATION
ICU AND HCM DATA WORKSHEETS
WEEKDAY AM AND PM PEAK HOURS

INTERSECTION CAPACITY UTILIZATION (ICU) DESCRIPTION

Level of Service is a term used to describe prevailing conditions and their effect on traffic. Broadly interpreted, the Levels of Service concept denotes any one of a number of differing combinations of operating conditions which may occur as a roadway is accommodating various traffic volumes. Level of Service is a qualitative measure of the effect of such factors as travel speed, travel time, traffic interruptions, freedom to maneuver, safety, driving comfort and convenience.

Six Levels of Service, A through F, have been defined in the 1965 *Highway Capacity Manual*, published by the Transportation Research Board. Level of Service A describes a condition of free flow, with low traffic volumes and relatively high speeds, while Level of Service F describes forced traffic flow at low speeds with jammed conditions and queues which cannot clear during the green phases.

The Intersection Capacity Utilization (ICU) method of intersection capacity analysis has been used in our studies. It directly relates traffic demand and available capacity for key intersection movements, regardless of present signal timing, The capacity per hour of green time for each approach is calculated based on the methods of the *Highway Capacity Manual*. The proportion of total signal time needed by each key movement is determined and compared to the total time available (100 percent of the hour). The result of summing the requirements of the conflicting key movements plus an allowance for clearance times is expressed as a decimal fraction. Conflicting key traffic movements are those opposing movements whose combined green time requirements are greatest.

The resulting ICU represents the proportion of the total hour required to accommodate intersection demand volumes if the key conflicting traffic movements are operating at capacity. Other movements may be operating near capacity, or may be operating at significantly better levels. The ICU may be translated to a Level of Service as tabulated below.

The Levels of Service (abbreviated from the *Highway Capacity Manual*) are listed here with their corresponding ICU and Load Factor equivalents. Load Factor is that proportion of the signal cycles during the peak hour which are fully loaded; i.e. when all of the vehicles waiting at the beginning of green are not able to clear on that green phase.

Intersection Capacity Utilization Characteristics

Level of Service	Load Factor	Equivalent ICU
A	0.0	0.00 - 0.60
B	0.0 - 0.1	0.61 - 0.70
C	0.1 - 0.3	0.71 - 0.80
D	0.3 - 0.7	0.81 - 0.90
E	0.7 - 1.0	0.91 - 1.00
F	Not Applicable	Not Applicable

SERVICE LEVEL A
There are no loaded cycles and few are even close to loaded at this service level. No approach phase is fully utilized by traffic and no vehicle waits longer than one red indication.

SERVICE LEVEL B
This level represents stable operation where an occasional approach phase is fully utilized and a substantial number are approaching full use. Many drivers begin to feel restricted within platoons of vehicles.

SERVICE LEVEL C
At this level stable operation continues. Loading is still intermittent but more frequent than at Level B. Occasionally drivers may have to wait through more than one red signal indication and backups may develop behind turning vehicles. Most drivers feel somewhat restricted, but not objectionably so.

SERVICE LEVEL D
This level encompasses a zone of increasing restriction approaching instability at the intersection. Delays to approaching vehicles may be substantial during short peaks within the peak hour, but enough cycles with lower demand occur to permit periodic clearance of queues, thus preventing excessive backups. Drivers frequently have to wait through more than one red signal. This level is the lower limit of acceptable operation to most drivers.

SERVICE LEVEL E
This represents near capacity and capacity operation. At capacity (ICU = 1.0) it represents the most vehicles that the particular intersection can accommodate. However, full utilization of every signal cycle is seldom attained no matter how great the demand. At this level all drivers wait through more than one red signal, and frequently through several.

SERVICE LEVEL F
Jammed conditions. Traffic backed up from a downstream location on one of the street restricts or prevents movement of traffic through the intersection under consideration.

LEVEL OF SERVICE FOR UNSIGNALIZED INTERSECTIONS

In the *Highway Capacity Manual (HCM)*, published by the Transportation Research Board, level of service for unsignalized intersections is defined in terms of delay, which is a measure of driver discomfort, frustration, fuel consumption, and lost travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Total delay is the difference between the travel time actually experienced and the reference travel time that would result during base conditions, in the absence of incidents, control, traffic, or geometric delay. Only the portion of total delay attributed to the traffic control measures, either traffic signals or stop signs, is quantified. This delay is called *control delay*. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay.

Level of Service criteria for unsignalized intersections are stated in terms of the average control delay per vehicle. The level of service is determined by the computed or measured control delay and is defined for each minor movement. Average control delay for any particular minor movement is a function of the service time for the approach and the degree of utilization. (Level of service is not defined for the intersection as a whole for two-way stop controlled intersections.)

Level of Service Criteria for TWSC/AWSC Intersections

Level of Service	Average Control Delay (Sec/Veh)
A	≤ 10
B	> 10 and ≤ 15
C	> 15 and ≤ 25
D	> 25 and ≤ 35
E	> 35 and ≤ 50
F	> 50

Level of Service (LOS) values are used to describe intersection operations with service levels varying from LOS A (free flow) to LOS F (jammed condition). The following descriptions summarize *HCM* criteria for each level of service:

LOS A describes operations with very low control delay, up to 10 seconds per vehicle.

LOS B describes operations with control delay greater than 10 and up to 15 seconds per vehicle.

LOS C describes operations with control delay greater than 15 and up to 25 seconds per vehicle.

LOS D describes operations with control delay greater than 25 and up to 35 seconds per vehicle.

LOS E describes operations with control delay greater than 35 and up to 50 seconds per vehicle.

LOS F describes operations with control delay in excess of 50 seconds per vehicle. For two-way stop controlled intersections, LOS F exists when there are insufficient gaps of suitable size to allow side-street demand to safely cross through a major-street traffic stream. This level of service is generally evident from extremely long control delays experienced by side-street traffic and by queuing on the minor-street approaches.

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Peak hr: AM
Annual Growth: 1.00%

Date: 7/3/2018
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	26	1600	0.016 *	0	26	1600	0.016 *	0	26	1600	0.016 *	0	27	1600	0.017 *	0	27	1600	0.017 *
NB Thru	596	3200	0.186	0	596	3200	0.186	0	596	3200	0.186	4	624	3200	0.195	0	624	3200	0.195
NB Right	158	1600	0.099	23	181	1600	0.113	0	181	1600	0.113	5	169	1600	0.106	23	192	1600	0.120
SB Left	52	1600	0.033	23	75	1600	0.047	0	75	1600	0.047	5	59	1600	0.037	23	82	1600	0.051
SB Thru	1102	3200	0.344 *	0	1102	3200	0.344 *	0	1102	3200	0.344 *	1	1148	3200	0.359 *	0	1148	3200	0.359 *
SB Right	23	1600	0.014	0	23	1600	0.014	0	23	1600	0.014	0	24	1600	0.015	0	24	1600	0.015
EB Left	18	0	0.011	0	18	0	0.011	0	18	0	0.011	0	19	0	0.012	0	19	0	0.012
EB Thru	28	1600	0.100 *	6	34	1600	0.104 *	0	34	1600	0.104 *	1	30	1600	0.105 *	6	36	1600	0.109 *
EB Right	114	0	0.000	0	114	0	0.000	0	114	0	0.000	0	119	0	0.000	0	119	0	0.000
WB Left	249	1600	0.156 *	6	255	1600	0.159 *	0	255	1600	0.159 *	1	260	1600	0.163 *	6	266	1600	0.166 *
WB Thru	59	1600	0.037	2	61	1600	0.038	0	61	1600	0.038	0	61	1600	0.038	2	63	1600	0.039
WB Right	28	1600	0.018	6	34	1600	0.021	0	34	1600	0.021	1	30	1600	0.019	6	36	1600	0.023
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.716				0.724				0.724				0.743				0.751
LOS			C				C				C				C				C

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Peak hr: PM
Annual Growth: 1.00%

Date: 7/3/2018
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	60	1600	0.038	0	60	1600	0.038	0	60	1600	0.038	0	62	1600	0.039	0	62	1600	0.039
NB Thru	933	3200	0.292 *	0	933	3200	0.292 *	0	933	3200	0.292 *	1	972	3200	0.304 *	0	972	3200	0.304 *
NB Right	209	1600	0.131	12	221	1600	0.138	0	221	1600	0.138	3	220	1600	0.138	12	232	1600	0.145
SB Left	44	1600	0.028 *	12	56	1600	0.035 *	0	56	1600	0.035 *	3	49	1600	0.031 *	12	61	1600	0.038 *
SB Thru	681	3200	0.213	0	681	3200	0.213	0	681	3200	0.213	4	713	3200	0.223	0	713	3200	0.223
SB Right	24	1600	0.015	0	24	1600	0.015	0	24	1600	0.015	0	25	1600	0.016	0	25	1600	0.016
EB Left	28	0	0.018	0	28	0	0.018	0	28	0	0.018	0	29	0	0.018	0	29	0	0.018
EB Thru	39	1600	0.075 *	3	42	1600	0.077 *	0	42	1600	0.077 *	1	42	1600	0.079 *	3	45	1600	0.081 *
EB Right	53	0	0.000	0	53	0	0.000	0	53	0	0.000	0	55	0	0.000	0	55	0	0.000
WB Left	188	1600	0.118 *	31	219	1600	0.137 *	0	219	1600	0.137 *	3	199	1600	0.124 *	31	230	1600	0.144 *
WB Thru	35	1600	0.022	8	43	1600	0.027	0	43	1600	0.027	1	37	1600	0.023	8	45	1600	0.028
WB Right	40	1600	0.025	31	71	1600	0.044	0	71	1600	0.044	3	45	1600	0.028	31	76	1600	0.048
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.612				0.640				0.640				0.638				0.666
LOS			B				B				B				B				B

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

Intersection	
Int Delay, s/veh	5.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Future Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	330	13	23	292	46	29	0	102	121	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	350	0	0	702	-	350	668	688	292
Stage 1	-	-	-	-	-	-	350	-	-	338	338	-
Stage 2	-	-	-	-	-	-	352	-	-	330	350	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1209	-	0	353	0	693	372	369	747
Stage 1	0	-	-	-	-	0	666	0	-	676	641	-
Stage 2	0	-	-	-	-	0	665	0	-	683	633	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1186	-	-	323	-	680	311	354	747
Mov Cap-2 Maneuver	-	-	-	-	-	-	323	-	-	311	354	-
Stage 1	-	-	-	-	-	-	666	-	-	676	626	-
Stage 2	-	-	-	-	-	-	623	-	-	581	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.5	23.5
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	323	680	-	-	1186	-	315	747
HCM Lane V/C Ratio	0.09	0.15	-	-	0.019	-	0.432	0.017
HCM Control Delay (s)	17.2	11.2	-	-	8.1	0	24.8	9.9
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.3	0.5	-	-	0.1	-	2.1	0.1

Intersection	
Intersection Delay, s/veh	13.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Future Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	112	43	0	261	56	141	115	41	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.2	15.7	11.7	10.6
HCM LOS	B	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	46%	0%	0%	23%
Vol Thru, %	0%	74%	54%	0%	82%	0%
Vol Right, %	0%	26%	0%	100%	18%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	156	208	43	317	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	112	0	261	0
RT Vol	0	41	0	43	56	62
Lane Flow Rate	141	156	208	43	317	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.269	0.268	0.371	0.065	0.529	0.143
Departure Headway (Hd)	6.869	6.174	6.419	5.474	6.007	6.416
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	522	580	560	652	599	556
Service Time	4.624	3.929	4.173	3.227	4.056	4.487
HCM Lane V/C Ratio	0.27	0.269	0.371	0.066	0.529	0.144
HCM Control Delay	12.2	11.2	12.9	8.6	15.7	10.6
HCM Lane LOS	B	B	B	A	C	B
HCM 95th-tile Q	1.1	1.1	1.7	0.2	3.1	0.5

Intersection	
Int Delay, s/veh	0.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	77	33	265	5	2
Future Vol, veh/h	95	77	33	265	5	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	77	33	265	5	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	172	0	485	134
Stage 1	-	-	-	-	134	-
Stage 2	-	-	-	-	351	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1405	-	541	915
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	713	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1405	-	516	915
Mov Cap-2 Maneuver	-	-	-	-	516	-
Stage 1	-	-	-	-	867	-
Stage 2	-	-	-	-	699	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	589	-	-	1405	-
HCM Lane V/C Ratio	0.012	-	-	0.023	-
HCM Control Delay (s)	11.2	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Future Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	402	18	48	237	180	17	0	87	38	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	422	0	0	769	-	422	735	755	237
Stage 1	-	-	-	-	-	-	422	-	-	333	333	-
Stage 2	-	-	-	-	-	-	347	-	-	402	422	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1137	-	0	318	0	632	335	338	802
Stage 1	0	-	-	-	-	0	609	0	-	681	644	-
Stage 2	0	-	-	-	-	0	669	0	-	625	588	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1115	-	-	282	-	620	277	315	802
Mov Cap-2 Maneuver	-	-	-	-	-	-	282	-	-	277	315	-
Stage 1	-	-	-	-	-	-	609	-	-	681	612	-
Stage 2	-	-	-	-	-	-	609	-	-	537	577	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	12.9	20
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	282	620	-	-	1115	-	290	802
HCM Lane V/C Ratio	0.06	0.14	-	-	0.043	-	0.21	0.005
HCM Control Delay (s)	18.6	11.8	-	-	8.4	0	20.7	9.5
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	0.8	0

Intersection	
Intersection Delay, s/veh	21.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Future Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	99	60	0	210	41	243	37	11	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.9	18.3	16.9	29.4
HCM LOS	B	C	C	D

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	29%	0%	0%	9%
Vol Thru, %	0%	77%	71%	0%	84%	0%
Vol Right, %	0%	23%	0%	100%	16%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	48	139	60	251	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	99	0	210	0
RT Vol	0	11	0	60	41	408
Lane Flow Rate	243	48	139	60	251	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.513	0.092	0.301	0.115	0.518	0.79
Departure Headway (Hd)	7.593	6.916	7.79	6.922	7.423	6.361
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	474	516	460	515	484	568
Service Time	5.362	4.685	5.568	4.699	5.496	4.422
HCM Lane V/C Ratio	0.513	0.093	0.302	0.117	0.519	0.787
HCM Control Delay	18.2	10.4	13.9	10.6	18.3	29.4
HCM Lane LOS	C	B	B	B	C	D
HCM 95th-tile Q	2.9	0.3	1.3	0.4	2.9	7.5

Intersection	
Int Delay, s/veh	2.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	14	1	114	70	19
Future Vol, veh/h	178	14	1	114	70	19
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	14	1	114	70	19

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	192	0	321	185
Stage 1	-	-	-	-	185	-
Stage 2	-	-	-	-	136	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1381	-	673	857
Stage 1	-	-	-	-	847	-
Stage 2	-	-	-	-	890	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1381	-	660	857
Mov Cap-2 Maneuver	-	-	-	-	660	-
Stage 1	-	-	-	-	846	-
Stage 2	-	-	-	-	873	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	10.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	694	-	-	1381	-
HCM Lane V/C Ratio	0.128	-	-	0.001	-
HCM Control Delay (s)	10.9	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	381	13	23	306	46	29	0	102	149	15	13
Future Vol, veh/h	0	381	13	23	306	46	29	0	102	149	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	381	13	23	306	46	29	0	102	149	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	401	0	0	767	-	401	733	753	306
Stage 1	-	-	-	-	-	-	401	-	-	352	352	-
Stage 2	-	-	-	-	-	-	366	-	-	381	401	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1158	-	0	319	0	649	336	339	734
Stage 1	0	-	-	-	-	0	626	0	-	665	632	-
Stage 2	0	-	-	-	-	0	653	0	-	641	601	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1136	-	-	291	-	637	277	324	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	291	-	-	277	324	-
Stage 1	-	-	-	-	-	-	626	-	-	665	617	-
Stage 2	-	-	-	-	-	-	611	-	-	538	590	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.2	32.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	291	637	-	-	1136	-	281	734
HCM Lane V/C Ratio	0.1	0.16	-	-	0.02	-	0.584	0.018
HCM Control Delay (s)	18.7	11.7	-	-	8.2	0	34.3	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	3.4	0.1

Intersection	
Intersection Delay, s/veh	15.3
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	191	43	0	290	56	141	115	69	18	0	62
Future Vol, veh/h	96	191	43	0	290	56	141	115	69	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	191	43	0	290	56	141	115	69	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	15.4	18.7	12.6	11.3
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	33%	0%	0%	23%
Vol Thru, %	0%	62%	67%	0%	84%	0%
Vol Right, %	0%	38%	0%	100%	16%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	184	287	43	346	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	191	0	290	0
RT Vol	0	69	0	43	56	62
Lane Flow Rate	141	184	287	43	346	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.284	0.33	0.523	0.068	0.606	0.156
Departure Headway (Hd)	7.242	6.465	6.566	5.684	6.304	7.032
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	494	552	545	625	571	513
Service Time	5.027	4.25	4.348	3.464	4.383	5.032
HCM Lane V/C Ratio	0.285	0.333	0.527	0.069	0.606	0.156
HCM Control Delay	12.9	12.4	16.4	8.9	18.7	11.3
HCM Lane LOS	B	B	C	A	C	B
HCM 95th-tile Q	1.2	1.4	3	0.2	4	0.5

Intersection	
Int Delay, s/veh	1.3

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	184	39	265	34	4
Future Vol, veh/h	95	184	39	265	34	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	184	39	265	34	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	279	0	550	187
Stage 1	-	-	-	-	187	-
Stage 2	-	-	-	-	363	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1284	-	496	855
Stage 1	-	-	-	-	845	-
Stage 2	-	-	-	-	704	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1284	-	469	855
Mov Cap-2 Maneuver	-	-	-	-	469	-
Stage 1	-	-	-	-	815	-
Stage 2	-	-	-	-	691	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	12.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	492	-	-	1284	-
HCM Lane V/C Ratio	0.077	-	-	0.03	-
HCM Control Delay (s)	12.9	-	-	7.9	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	429	18	48	306	180	17	0	87	53	23	4
Future Vol, veh/h	0	429	18	48	306	180	17	0	87	53	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	429	18	48	306	180	17	0	87	53	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	449	0	0	865	-	449	831	851	306
Stage 1	-	-	-	-	-	-	449	-	-	402	402	-
Stage 2	-	-	-	-	-	-	416	-	-	429	449	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1111	-	0	274	0	610	289	297	734
Stage 1	0	-	-	-	-	0	589	0	-	625	600	-
Stage 2	0	-	-	-	-	0	614	0	-	604	572	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1090	-	-	240	-	598	237	276	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	240	-	-	237	276	-
Stage 1	-	-	-	-	-	-	589	-	-	625	568	-
Stage 2	-	-	-	-	-	-	555	-	-	516	561	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	13.5	25
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	240	598	-	-	1090	-	248	734
HCM Lane V/C Ratio	0.071	0.145	-	-	0.044	-	0.306	0.005
HCM Control Delay (s)	21.1	12	-	-	8.5	0	25.8	9.9
HCM Lane LOS	C	B	-	-	A	A	D	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1.3	0

Intersection	
Intersection Delay, s/veh	44.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	141	60	0	356	41	243	37	26	39	0	408
Future Vol, veh/h	40	141	60	0	356	41	243	37	26	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	141	60	0	356	41	243	37	26	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	17.7	56.6	23.1	63.2
HCM LOS	C	F	C	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	22%	0%	0%	9%
Vol Thru, %	0%	59%	78%	0%	90%	0%
Vol Right, %	0%	41%	0%	100%	10%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	63	181	60	397	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	141	0	356	0
RT Vol	0	26	0	60	41	408
Lane Flow Rate	243	63	181	60	397	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.619	0.146	0.457	0.138	0.927	0.971
Departure Headway (Hd)	9.171	8.351	9.097	8.253	8.407	7.819
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	394	428	395	433	433	465
Service Time	6.94	6.119	6.87	6.025	6.439	5.848
HCM Lane V/C Ratio	0.617	0.147	0.458	0.139	0.917	0.961
HCM Control Delay	25.8	12.6	19.4	12.4	56.6	63.2
HCM Lane LOS	D	B	C	B	F	F
HCM 95th-tile Q	4	0.5	2.3	0.5	10.4	12.1

Intersection	
Int Delay, s/veh	5.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	71	4	114	216	27
Future Vol, veh/h	178	71	4	114	216	27
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	71	4	114	216	27

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	249	0	356	214
Stage 1	-	-	-	-	214	-
Stage 2	-	-	-	-	142	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1317	-	642	826
Stage 1	-	-	-	-	822	-
Stage 2	-	-	-	-	885	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1317	-	628	826
Mov Cap-2 Maneuver	-	-	-	-	628	-
Stage 1	-	-	-	-	820	-
Stage 2	-	-	-	-	868	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	13.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	645	-	-	1317	-
HCM Lane V/C Ratio	0.377	-	-	0.003	-
HCM Control Delay (s)	13.9	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	1.8	-	-	0	-

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	353	14	24	306	48	30	0	106	132	16	14
Future Vol, veh/h	0	353	14	24	306	48	30	0	106	132	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	353	14	24	306	48	30	0	106	132	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	373	0	0	742	-	373	707	727	306
Stage 1	-	-	-	-	-	-	373	-	-	354	354	-
Stage 2	-	-	-	-	-	-	369	-	-	353	373	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1185	-	0	332	0	673	350	351	734
Stage 1	0	-	-	-	-	0	648	0	-	663	630	-
Stage 2	0	-	-	-	-	0	651	0	-	664	618	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1162	-	-	302	-	660	288	336	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	302	-	-	288	336	-
Stage 1	-	-	-	-	-	-	648	-	-	663	614	-
Stage 2	-	-	-	-	-	-	606	-	-	557	606	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13	27.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	302	660	-	-	1162	-	293	734
HCM Lane V/C Ratio	0.099	0.161	-	-	0.021	-	0.505	0.019
HCM Control Delay (s)	18.2	11.5	-	-	8.2	0	29.2	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	2.7	0.1

Intersection	
Int Delay, s/veh	8.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	133	45	0	277	58	147	120	49	19	0	65
Future Vol, veh/h	100	133	45	0	277	58	147	120	49	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	133	45	0	277	58	147	120	49	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	355	0	-	-	-	0	472	688	67	653	659	188
Stage 1	-	-	-	-	-	-	333	333	-	326	326	-
Stage 2	-	-	-	-	-	-	139	355	-	327	333	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1200	-	0	0	-	-	475	368	983	352	382	822
Stage 1	-	-	0	0	-	-	654	642	-	661	647	-
Stage 2	-	-	0	0	-	-	850	628	-	660	642	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1177	-	-	-	-	-	406	328	983	219	340	806
Mov Cap-2 Maneuver	-	-	-	-	-	-	406	328	-	219	340	-
Stage 1	-	-	-	-	-	-	594	583	-	589	635	-
Stage 2	-	-	-	-	-	-	781	616	-	452	583	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3.7	0	19.4	13.6
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	406	407	1177	-	-	-	502
HCM Lane V/C Ratio	0.362	0.415	0.085	-	-	-	0.167
HCM Control Delay (s)	18.8	20	8.3	0.2	-	-	13.6
HCM Lane LOS	C	C	A	A	-	-	B
HCM 95th %tile Q(veh)	1.6	2	0.3	-	-	-	0.6

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	102	35	276	10	2
Future Vol, veh/h	99	102	35	276	10	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	102	35	276	10	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	201	0	516	150
Stage 1	-	-	-	-	150	-
Stage 2	-	-	-	-	366	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1371	-	519	896
Stage 1	-	-	-	-	878	-
Stage 2	-	-	-	-	702	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1371	-	494	896
Mov Cap-2 Maneuver	-	-	-	-	494	-
Stage 1	-	-	-	-	852	-
Stage 2	-	-	-	-	689	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	534	-	-	1371	-
HCM Lane V/C Ratio	0.022	-	-	0.026	-
HCM Control Delay (s)	11.9	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Future Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	424	19	50	253	187	18	0	91	44	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	444	0	0	811	-	444	777	797	253
Stage 1	-	-	-	-	-	-	444	-	-	353	353	-
Stage 2	-	-	-	-	-	-	367	-	-	424	444	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1116	-	0	298	0	614	314	319	786
Stage 1	0	-	-	-	-	0	593	0	-	664	631	-
Stage 2	0	-	-	-	-	0	653	0	-	608	575	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1095	-	-	262	-	602	256	296	786
Mov Cap-2 Maneuver	-	-	-	-	-	-	262	-	-	256	296	-
Stage 1	-	-	-	-	-	-	593	-	-	664	598	-
Stage 2	-	-	-	-	-	-	591	-	-	516	564	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	13.3	22.2
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	262	602	-	-	1095	-	269	786
HCM Lane V/C Ratio	0.069	0.151	-	-	0.046	-	0.253	0.005
HCM Control Delay (s)	19.8	12	-	-	8.4	0	22.9	9.6
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1	0

Intersection	
Int Delay, s/veh	19.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Future Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	113	62	0	231	43	253	39	15	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	294	0	-	-	-	0	313	491	57	433	470	157
Stage 1	-	-	-	-	-	-	197	197	-	273	273	-
Stage 2	-	-	-	-	-	-	116	294	-	160	197	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1264	-	0	0	-	-	616	477	997	507	490	861
Stage 1	-	-	0	0	-	-	786	737	-	710	683	-
Stage 2	-	-	0	0	-	-	876	668	-	826	737	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1240	-	-	-	-	-	298	451	997	445	464	845
Mov Cap-2 Maneuver	-	-	-	-	-	-	298	451	-	445	464	-
Stage 1	-	-	-	-	-	-	758	710	-	672	670	-
Stage 2	-	-	-	-	-	-	435	655	-	741	710	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.2	0	50.9	16.1
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	298	532	1240	-	-	-	783
HCM Lane V/C Ratio	0.849	0.102	0.034	-	-	-	0.595
HCM Control Delay (s)	59.1	12.5	8	0.1	-	-	16.1
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	7.3	0.3	0.1	-	-	-	4

Intersection	
Int Delay, s/veh	2.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	28	2	119	85	21
Future Vol, veh/h	185	28	2	119	85	21
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	28	2	119	85	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	213	0	342	199
Stage 1	-	-	-	-	199	-
Stage 2	-	-	-	-	143	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1357	-	654	842
Stage 1	-	-	-	-	835	-
Stage 2	-	-	-	-	884	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1357	-	640	842
Mov Cap-2 Maneuver	-	-	-	-	640	-
Stage 1	-	-	-	-	833	-
Stage 2	-	-	-	-	867	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	672	-	-	1357	-
HCM Lane V/C Ratio	0.158	-	-	0.001	-
HCM Control Delay (s)	11.4	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.6	-	-	0	-

Intersection	
Int Delay, s/veh	9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Future Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	404	14	24	320	48	30	0	106	160	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	424	0	0	807	-	424	772	792	320
Stage 1	-	-	-	-	-	-	424	-	-	368	368	-
Stage 2	-	-	-	-	-	-	383	-	-	404	424	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1135	-	0	300	0	630	317	322	721
Stage 1	0	-	-	-	-	0	608	0	-	652	621	-
Stage 2	0	-	-	-	-	0	640	0	-	623	587	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1113	-	-	272	-	618	257	308	721
Mov Cap-2 Maneuver	-	-	-	-	-	-	272	-	-	257	308	-
Stage 1	-	-	-	-	-	-	608	-	-	652	605	-
Stage 2	-	-	-	-	-	-	595	-	-	516	576	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.7	40.9
HCM LOS			B	E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	272	618	-	-	1113	-	261	721
HCM Lane V/C Ratio	0.11	0.172	-	-	0.022	-	0.674	0.019
HCM Control Delay (s)	19.9	12	-	-	8.3	0	43.3	10.1
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.4	0.6	-	-	0.1	-	4.4	0.1

Intersection	
Int Delay, s/veh	9.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Future Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	212	45	0	306	58	147	120	77	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	384	0	-	-	-	0	565	796	106	721	767	202
Stage 1	-	-	-	-	-	-	412	412	-	355	355	-
Stage 2	-	-	-	-	-	-	153	384	-	366	412	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1171	-	0	0	-	-	408	318	928	315	331	805
Stage 1	-	-	0	0	-	-	588	593	-	635	628	-
Stage 2	-	-	0	0	-	-	834	610	-	626	593	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1149	-	-	-	-	-	346	281	928	176	293	790
Mov Cap-2 Maneuver	-	-	-	-	-	-	346	281	-	176	293	-
Stage 1	-	-	-	-	-	-	530	534	-	561	616	-
Stage 2	-	-	-	-	-	-	765	598	-	401	534	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.8	0	23.4	15
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	346	386	1149	-	-	-	442
HCM Lane V/C Ratio	0.425	0.51	0.087	-	-	-	0.19
HCM Control Delay (s)	22.9	23.7	8.4	0.2	-	-	15
HCM Lane LOS	C	C	A	A	-	-	C
HCM 95th %tile Q(veh)	2	2.8	0.3	-	-	-	0.7

Intersection	
Int Delay, s/veh	1.3

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	209	41	276	39	4
Future Vol, veh/h	99	209	41	276	39	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	209	41	276	39	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	308	0	582	204
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	378	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1253	-	475	837
Stage 1	-	-	-	-	830	-
Stage 2	-	-	-	-	693	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1253	-	448	837
Mov Cap-2 Maneuver	-	-	-	-	448	-
Stage 1	-	-	-	-	798	-
Stage 2	-	-	-	-	680	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	13.5
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	468	-	-	1253	-
HCM Lane V/C Ratio	0.092	-	-	0.033	-
HCM Control Delay (s)	13.5	-	-	8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0.1	-

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Future Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	451	19	50	322	187	18	0	91	59	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	471	0	0	907	-	471	873	893	322
Stage 1	-	-	-	-	-	-	471	-	-	422	422	-
Stage 2	-	-	-	-	-	-	436	-	-	451	471	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1091	-	0	257	0	593	271	281	719
Stage 1	0	-	-	-	-	0	573	0	-	609	588	-
Stage 2	0	-	-	-	-	0	599	0	-	588	560	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1070	-	-	223	-	582	219	260	719
Mov Cap-2 Maneuver	-	-	-	-	-	-	223	-	-	219	260	-
Stage 1	-	-	-	-	-	-	573	-	-	609	554	-
Stage 2	-	-	-	-	-	-	537	-	-	496	549	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	14	28.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	223	582	-	-	1070	-	229	719
HCM Lane V/C Ratio	0.081	0.156	-	-	0.047	-	0.362	0.006
HCM Control Delay (s)	22.6	12.3	-	-	8.5	0	29.4	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	1.6	0

Intersection	
Int Delay, s/veh	36.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Future Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	155	62	0	377	43	253	39	30	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	440	0	-	-	-	0	428	679	78	600	658	230
Stage 1	-	-	-	-	-	-	239	239	-	419	419	-
Stage 2	-	-	-	-	-	-	189	440	-	181	239	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1116	-	0	0	-	-	511	372	967	385	383	772
Stage 1	-	-	0	0	-	-	743	706	-	582	588	-
Stage 2	-	-	0	0	-	-	795	576	-	803	706	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1095	-	-	-	-	-	~ 217	350	967	324	360	757
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 217	350	-	324	360	-
Stage 1	-	-	-	-	-	-	712	676	-	547	577	-
Stage 2	-	-	-	-	-	-	349	565	-	702	676	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.9	0	128.2	21.2
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	217	484	1095	-	-	-	677
HCM Lane V/C Ratio	1.166	0.143	0.038	-	-	-	0.688
HCM Control Delay (s)	159.4	13.7	8.4	0.1	-	-	21.2
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	12.2	0.5	0.1	-	-	-	5.5

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	5.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	85	5	119	231	29
Future Vol, veh/h	185	85	5	119	231	29
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	85	5	119	231	29

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	270	0	377	228
Stage 1	-	-	-	-	228	-
Stage 2	-	-	-	-	149	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1293	-	625	811
Stage 1	-	-	-	-	810	-
Stage 2	-	-	-	-	879	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1293	-	611	811
Mov Cap-2 Maneuver	-	-	-	-	611	-
Stage 1	-	-	-	-	807	-
Stage 2	-	-	-	-	862	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	14.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	628	-	-	1293	-
HCM Lane V/C Ratio	0.414	-	-	0.004	-
HCM Control Delay (s)	14.7	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	2	-	-	0	-

Intersection	
Intersection Delay, s/veh	18.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Future Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	404	14	24	320	48	30	0	106	160	16	14
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.5	18.1	11.3	14.8
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	7%	0%	91%	0%
Vol Thru, %	0%	0%	100%	0%	93%	0%	9%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	106	404	14	344	48	176	14
LT Vol	30	0	0	0	24	0	160	0
Through Vol	0	0	404	0	320	0	16	0
RT Vol	0	106	0	14	0	48	0	14
Lane Flow Rate	30	106	404	14	344	48	176	14
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.067	0.2	0.721	0.022	0.623	0.077	0.379	0.026
Departure Headway (Hd)	8.028	6.795	6.424	5.712	6.516	5.768	7.753	6.57
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	446	527	566	629	557	624	465	544
Service Time	5.783	4.549	4.137	3.425	4.229	3.481	5.503	4.32
HCM Lane V/C Ratio	0.067	0.201	0.714	0.022	0.618	0.077	0.378	0.026
HCM Control Delay	11.4	11.3	24	8.6	19.4	9	15.2	9.5
HCM Lane LOS	B	B	C	A	C	A	C	A
HCM 95th-tile Q	0.2	0.7	5.9	0.1	4.3	0.2	1.7	0.1

Intersection	
Intersection Delay, s/veh	13.5
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Future Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	212	45	0	306	58	147	120	77	19	0	65
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	13.1	13.9	14	12
HCM LOS	B	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	59%	0%	0%	0%	0%	23%
Vol Thru, %	0%	61%	41%	100%	0%	100%	64%	0%
Vol Right, %	0%	39%	0%	0%	100%	0%	36%	77%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	147	197	171	141	45	204	160	84
LT Vol	147	0	100	0	0	0	0	19
Through Vol	0	120	71	141	0	204	102	0
RT Vol	0	77	0	0	45	0	58	65
Lane Flow Rate	147	197	171	141	45	204	160	84
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.317	0.381	0.355	0.282	0.081	0.408	0.308	0.177
Departure Headway (Hd)	7.753	6.97	7.492	7.193	6.479	7.198	6.938	7.587
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	465	516	481	500	553	500	518	473
Service Time	5.491	4.707	5.232	4.933	4.218	4.935	4.675	5.337
HCM Lane V/C Ratio	0.316	0.382	0.356	0.282	0.081	0.408	0.309	0.178
HCM Control Delay	14.1	14	14.3	12.7	9.8	14.8	12.7	12
HCM Lane LOS	B	B	B	B	A	B	B	B
HCM 95th-tile Q	1.3	1.8	1.6	1.1	0.3	2	1.3	0.6

Intersection	
Intersection Delay, s/veh	17.6
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Future Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	451	19	50	322	187	18	0	91	59	24	4
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.4	14.9	10.7	12.1
HCM LOS	C	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	13%	0%	71%	0%
Vol Thru, %	0%	0%	100%	0%	87%	0%	29%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	91	451	19	372	187	83	4
LT Vol	18	0	0	0	50	0	59	0
Through Vol	0	0	451	0	322	0	24	0
RT Vol	0	91	0	19	0	187	0	4
Lane Flow Rate	18	91	451	19	372	187	83	4
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.039	0.167	0.743	0.028	0.61	0.267	0.178	0.007
Departure Headway (Hd)	7.835	6.605	5.93	5.221	5.907	5.131	7.713	6.631
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	456	541	609	683	610	698	463	537
Service Time	5.608	4.378	3.68	2.971	3.656	2.879	5.488	4.405
HCM Lane V/C Ratio	0.039	0.168	0.741	0.028	0.61	0.268	0.179	0.007
HCM Control Delay	10.9	10.7	24	8.1	17.5	9.8	12.2	9.5
HCM Lane LOS	B	B	C	A	C	A	B	A
HCM 95th-tile Q	0.1	0.6	6.5	0.1	4.1	1.1	0.6	0

Intersection	
Intersection Delay, s/veh	42.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Future Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	155	62	0	377	43	253	39	30	41	0	425
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	15.4	22.7	26.9	86.5
HCM LOS	C	C	D	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	45%	0%	0%	0%	0%	9%
Vol Thru, %	0%	57%	55%	100%	0%	100%	75%	0%
Vol Right, %	0%	43%	0%	0%	100%	0%	25%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	69	94	103	62	251	169	466
LT Vol	253	0	42	0	0	0	0	41
Through Vol	0	39	52	103	0	251	126	0
RT Vol	0	30	0	0	62	0	43	425
Lane Flow Rate	253	69	94	103	62	251	169	466
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.675	0.168	0.251	0.271	0.152	0.62	0.408	1.055
Departure Headway (Hd)	9.812	8.977	10.022	9.787	9.054	9.258	9.071	8.154
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	372	402	361	369	399	392	400	452
Service Time	7.512	6.677	7.722	7.487	6.754	6.958	6.771	5.822
HCM Lane V/C Ratio	0.68	0.172	0.26	0.279	0.155	0.64	0.422	1.031
HCM Control Delay	30.6	13.5	16	16.1	13.4	25.9	17.9	86.5
HCM Lane LOS	D	B	C	C	B	D	C	F
HCM 95th-tile Q	4.7	0.6	1	1.1	0.5	4	1.9	14.9

APPENDIX C

CALTRANS ANALYSIS WORKSHEETS

Appendix Table C-1
CALCULATION OF OFF-RAMP VEHICLE QUEUING [1]
WEEKDAY AM AND PM PEAK HOURS

INT. NO.	OFF-RAMP LOCATION	PEAK HOUR	LANE GROUP MOVEMENT [2]	NO. OF LANES [2]	EXISTING YEAR 2018		EXISTING YEAR 2018 WITH PROJECT		FUTURE YEAR 2022 WITHOUT PROJECT		FUTURE YEAR 2022 WITH PROJECT	
					MAXIMUM BACK OF QUEUE [3] (Veh.)	MAXIMUM TOTAL QUEUE [4] (Veh.)	MAXIMUM BACK OF QUEUE [3] (Veh.)	MAXIMUM TOTAL QUEUE [4] (Veh.)	MAXIMUM BACK OF QUEUE [3] (Veh.)	MAXIMUM TOTAL QUEUE [4] (Veh.)	MAXIMUM BACK OF QUEUE [3] (Veh.)	MAXIMUM TOTAL QUEUE [4] (Veh.)
2	I-10 Freeway EB Ramps-Garvey Avenue S./ Holt Avenue	AM	Southbound Left-Through	1	2.1	2.1	3.4	3.4	2.7	2.7	4.4	4.4
			Southbound Right	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
			Total AM Queuing			2.2		3.5		2.8		4.5
		PM	Southbound Left-Through	1	0.8	0.8	1.3	1.3	1.0	1.0	1.6	1.6
			Southbound Right	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Total PM Queuing			0.8		1.3		1.0		1.6
3	I-10 Freeway WB Ramps-Garvey Street/ Holt Avenue	AM	Northbound Left	1	1.1	1.1	1.2	1.2	1.6	1.6	2.0	2.0
			Northbound Through-Right	1	1.1	1.1	1.4	1.4	2.0	2.0	2.8	2.8
			Total AM Queuing			2.2		2.6		3.6		4.8
		PM	Northbound Left	1	2.9	2.9	4.0	4.0	7.3	7.3	12.2	12.2
			Northbound Through-Right	1	0.3	0.3	0.5	0.5	0.3	0.3	0.5	0.5
			Total PM Queuing			3.2		4.5		7.6		12.7

[1] Queues calculated herein are utilized in the off-ramp queuing analysis presented in Table 10-3.
[2] Off-ramp movements and lane geometry were obtained from aerials provided by Caltrans Earth, 2017, and verified by LLG Engineers staff.
[3] The 95th percentile queue (in vehicles) as reported by the HCM methodology reflects the maximum back of queue for the lane with the highest queue in the lane group. Refer to the analysis worksheets contained in Appendix D.
[4] The 95th percentile maximum queue was obtained by multiplying the reported queue by the number of lanes in the lane group. The total peak hour queue was obtained by summing all lane group queues.

Intersection	
Int Delay, s/veh	5.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Future Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	330	13	23	292	46	29	0	102	121	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	350	0	0	702	-	350	668	688	292
Stage 1	-	-	-	-	-	-	350	-	-	338	338	-
Stage 2	-	-	-	-	-	-	352	-	-	330	350	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1209	-	0	353	0	693	372	369	747
Stage 1	0	-	-	-	-	0	666	0	-	676	641	-
Stage 2	0	-	-	-	-	0	665	0	-	683	633	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1186	-	-	323	-	680	311	354	747
Mov Cap-2 Maneuver	-	-	-	-	-	-	323	-	-	311	354	-
Stage 1	-	-	-	-	-	-	666	-	-	676	626	-
Stage 2	-	-	-	-	-	-	623	-	-	581	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.5	23.5
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	323	680	-	-	1186	-	315	747
HCM Lane V/C Ratio	0.09	0.15	-	-	0.019	-	0.432	0.017
HCM Control Delay (s)	17.2	11.2	-	-	8.1	0	24.8	9.9
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.3	0.5	-	-	0.1	-	2.1	0.1

Intersection	
Intersection Delay, s/veh	13.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Future Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	112	43	0	261	56	141	115	41	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.2	15.7	11.7	10.6
HCM LOS	B	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	46%	0%	0%	23%
Vol Thru, %	0%	74%	54%	0%	82%	0%
Vol Right, %	0%	26%	0%	100%	18%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	156	208	43	317	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	112	0	261	0
RT Vol	0	41	0	43	56	62
Lane Flow Rate	141	156	208	43	317	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.269	0.268	0.371	0.065	0.529	0.143
Departure Headway (Hd)	6.869	6.174	6.419	5.474	6.007	6.416
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	522	580	560	652	599	556
Service Time	4.624	3.929	4.173	3.227	4.056	4.487
HCM Lane V/C Ratio	0.27	0.269	0.371	0.066	0.529	0.144
HCM Control Delay	12.2	11.2	12.9	8.6	15.7	10.6
HCM Lane LOS	B	B	B	A	C	B
HCM 95th-tile Q	1.1	1.1	1.7	0.2	3.1	0.5

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Future Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	402	18	48	237	180	17	0	87	38	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	422	0	0	769	-	422	735	755	237
Stage 1	-	-	-	-	-	-	422	-	-	333	333	-
Stage 2	-	-	-	-	-	-	347	-	-	402	422	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1137	-	0	318	0	632	335	338	802
Stage 1	0	-	-	-	-	0	609	0	-	681	644	-
Stage 2	0	-	-	-	-	0	669	0	-	625	588	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1115	-	-	282	-	620	277	315	802
Mov Cap-2 Maneuver	-	-	-	-	-	-	282	-	-	277	315	-
Stage 1	-	-	-	-	-	-	609	-	-	681	612	-
Stage 2	-	-	-	-	-	-	609	-	-	537	577	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	12.9	20
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	282	620	-	-	1115	-	290	802
HCM Lane V/C Ratio	0.06	0.14	-	-	0.043	-	0.21	0.005
HCM Control Delay (s)	18.6	11.8	-	-	8.4	0	20.7	9.5
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	0.8	0

Intersection	
Intersection Delay, s/veh	21.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Future Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	99	60	0	210	41	243	37	11	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.9	18.3	16.9	29.4
HCM LOS	B	C	C	D

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	29%	0%	0%	9%
Vol Thru, %	0%	77%	71%	0%	84%	0%
Vol Right, %	0%	23%	0%	100%	16%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	48	139	60	251	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	99	0	210	0
RT Vol	0	11	0	60	41	408
Lane Flow Rate	243	48	139	60	251	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.513	0.092	0.301	0.115	0.518	0.79
Departure Headway (Hd)	7.593	6.916	7.79	6.922	7.423	6.361
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	474	516	460	515	484	568
Service Time	5.362	4.685	5.568	4.699	5.496	4.422
HCM Lane V/C Ratio	0.513	0.093	0.302	0.117	0.519	0.787
HCM Control Delay	18.2	10.4	13.9	10.6	18.3	29.4
HCM Lane LOS	C	B	B	B	C	D
HCM 95th-tile Q	2.9	0.3	1.3	0.4	2.9	7.5

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	381	13	23	306	46	29	0	102	149	15	13
Future Vol, veh/h	0	381	13	23	306	46	29	0	102	149	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	381	13	23	306	46	29	0	102	149	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	401	0	0	767	-	401	733	753	306
Stage 1	-	-	-	-	-	-	401	-	-	352	352	-
Stage 2	-	-	-	-	-	-	366	-	-	381	401	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1158	-	0	319	0	649	336	339	734
Stage 1	0	-	-	-	-	0	626	0	-	665	632	-
Stage 2	0	-	-	-	-	0	653	0	-	641	601	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1136	-	-	291	-	637	277	324	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	291	-	-	277	324	-
Stage 1	-	-	-	-	-	-	626	-	-	665	617	-
Stage 2	-	-	-	-	-	-	611	-	-	538	590	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.2	32.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	291	637	-	-	1136	-	281	734
HCM Lane V/C Ratio	0.1	0.16	-	-	0.02	-	0.584	0.018
HCM Control Delay (s)	18.7	11.7	-	-	8.2	0	34.3	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	3.4	0.1

Intersection	
Intersection Delay, s/veh	15.3
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	191	43	0	290	56	141	115	69	18	0	62
Future Vol, veh/h	96	191	43	0	290	56	141	115	69	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	191	43	0	290	56	141	115	69	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	15.4	18.7	12.6	11.3
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	33%	0%	0%	23%
Vol Thru, %	0%	62%	67%	0%	84%	0%
Vol Right, %	0%	38%	0%	100%	16%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	184	287	43	346	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	191	0	290	0
RT Vol	0	69	0	43	56	62
Lane Flow Rate	141	184	287	43	346	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.284	0.33	0.523	0.068	0.606	0.156
Departure Headway (Hd)	7.242	6.465	6.566	5.684	6.304	7.032
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	494	552	545	625	571	513
Service Time	5.027	4.25	4.348	3.464	4.383	5.032
HCM Lane V/C Ratio	0.285	0.333	0.527	0.069	0.606	0.156
HCM Control Delay	12.9	12.4	16.4	8.9	18.7	11.3
HCM Lane LOS	B	B	C	A	C	B
HCM 95th-tile Q	1.2	1.4	3	0.2	4	0.5

Intersection	
Int Delay, s/veh	3.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	429	18	48	306	180	17	0	87	53	23	4
Future Vol, veh/h	0	429	18	48	306	180	17	0	87	53	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	429	18	48	306	180	17	0	87	53	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	449	0	0	865	-	449	831	851	306
Stage 1	-	-	-	-	-	-	449	-	-	402	402	-
Stage 2	-	-	-	-	-	-	416	-	-	429	449	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1111	-	0	274	0	610	289	297	734
Stage 1	0	-	-	-	-	0	589	0	-	625	600	-
Stage 2	0	-	-	-	-	0	614	0	-	604	572	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1090	-	-	240	-	598	237	276	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	240	-	-	237	276	-
Stage 1	-	-	-	-	-	-	589	-	-	625	568	-
Stage 2	-	-	-	-	-	-	555	-	-	516	561	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	13.5	25
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	240	598	-	-	1090	-	248	734
HCM Lane V/C Ratio	0.071	0.145	-	-	0.044	-	0.306	0.005
HCM Control Delay (s)	21.1	12	-	-	8.5	0	25.8	9.9
HCM Lane LOS	C	B	-	-	A	A	D	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1.3	0

Intersection	
Intersection Delay, s/veh	44.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	141	60	0	356	41	243	37	26	39	0	408
Future Vol, veh/h	40	141	60	0	356	41	243	37	26	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	141	60	0	356	41	243	37	26	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	17.7	56.6	23.1	63.2
HCM LOS	C	F	C	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	22%	0%	0%	9%
Vol Thru, %	0%	59%	78%	0%	90%	0%
Vol Right, %	0%	41%	0%	100%	10%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	63	181	60	397	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	141	0	356	0
RT Vol	0	26	0	60	41	408
Lane Flow Rate	243	63	181	60	397	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.619	0.146	0.457	0.138	0.927	0.971
Departure Headway (Hd)	9.171	8.351	9.097	8.253	8.407	7.819
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	394	428	395	433	433	465
Service Time	6.94	6.119	6.87	6.025	6.439	5.848
HCM Lane V/C Ratio	0.617	0.147	0.458	0.139	0.917	0.961
HCM Control Delay	25.8	12.6	19.4	12.4	56.6	63.2
HCM Lane LOS	D	B	C	B	F	F
HCM 95th-tile Q	4	0.5	2.3	0.5	10.4	12.1

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	353	14	24	306	48	30	0	106	132	16	14
Future Vol, veh/h	0	353	14	24	306	48	30	0	106	132	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	353	14	24	306	48	30	0	106	132	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	373	0	0	742	-	373	707	727	306
Stage 1	-	-	-	-	-	-	373	-	-	354	354	-
Stage 2	-	-	-	-	-	-	369	-	-	353	373	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1185	-	0	332	0	673	350	351	734
Stage 1	0	-	-	-	-	0	648	0	-	663	630	-
Stage 2	0	-	-	-	-	0	651	0	-	664	618	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1162	-	-	302	-	660	288	336	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	302	-	-	288	336	-
Stage 1	-	-	-	-	-	-	648	-	-	663	614	-
Stage 2	-	-	-	-	-	-	606	-	-	557	606	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13	27.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	302	660	-	-	1162	-	293	734
HCM Lane V/C Ratio	0.099	0.161	-	-	0.021	-	0.505	0.019
HCM Control Delay (s)	18.2	11.5	-	-	8.2	0	29.2	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	2.7	0.1

Intersection	
Int Delay, s/veh	8.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	133	45	0	277	58	147	120	49	19	0	65
Future Vol, veh/h	100	133	45	0	277	58	147	120	49	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	133	45	0	277	58	147	120	49	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	355	0	-	-	-	0	472	688	67	653	659	188
Stage 1	-	-	-	-	-	-	333	333	-	326	326	-
Stage 2	-	-	-	-	-	-	139	355	-	327	333	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1200	-	0	0	-	-	475	368	983	352	382	822
Stage 1	-	-	0	0	-	-	654	642	-	661	647	-
Stage 2	-	-	0	0	-	-	850	628	-	660	642	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1177	-	-	-	-	-	406	328	983	219	340	806
Mov Cap-2 Maneuver	-	-	-	-	-	-	406	328	-	219	340	-
Stage 1	-	-	-	-	-	-	594	583	-	589	635	-
Stage 2	-	-	-	-	-	-	781	616	-	452	583	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3.7	0	19.4	13.6
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	406	407	1177	-	-	-	502
HCM Lane V/C Ratio	0.362	0.415	0.085	-	-	-	0.167
HCM Control Delay (s)	18.8	20	8.3	0.2	-	-	13.6
HCM Lane LOS	C	C	A	A	-	-	B
HCM 95th %tile Q(veh)	1.6	2	0.3	-	-	-	0.6

Intersection	
Int Delay, s/veh	3.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Future Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	424	19	50	253	187	18	0	91	44	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	444	0	0	811	-	444	777	797	253
Stage 1	-	-	-	-	-	-	444	-	-	353	353	-
Stage 2	-	-	-	-	-	-	367	-	-	424	444	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1116	-	0	298	0	614	314	319	786
Stage 1	0	-	-	-	-	0	593	0	-	664	631	-
Stage 2	0	-	-	-	-	0	653	0	-	608	575	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1095	-	-	262	-	602	256	296	786
Mov Cap-2 Maneuver	-	-	-	-	-	-	262	-	-	256	296	-
Stage 1	-	-	-	-	-	-	593	-	-	664	598	-
Stage 2	-	-	-	-	-	-	591	-	-	516	564	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	13.3	22.2
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	262	602	-	-	1095	-	269	786
HCM Lane V/C Ratio	0.069	0.151	-	-	0.046	-	0.253	0.005
HCM Control Delay (s)	19.8	12	-	-	8.4	0	22.9	9.6
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1	0

Intersection	
Int Delay, s/veh	19.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Future Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	113	62	0	231	43	253	39	15	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	294	0	-	-	-	0	313	491	57	433	470	157
Stage 1	-	-	-	-	-	-	197	197	-	273	273	-
Stage 2	-	-	-	-	-	-	116	294	-	160	197	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1264	-	0	0	-	-	616	477	997	507	490	861
Stage 1	-	-	0	0	-	-	786	737	-	710	683	-
Stage 2	-	-	0	0	-	-	876	668	-	826	737	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1240	-	-	-	-	-	298	451	997	445	464	845
Mov Cap-2 Maneuver	-	-	-	-	-	-	298	451	-	445	464	-
Stage 1	-	-	-	-	-	-	758	710	-	672	670	-
Stage 2	-	-	-	-	-	-	435	655	-	741	710	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.2	0	50.9	16.1
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	298	532	1240	-	-	-	783
HCM Lane V/C Ratio	0.849	0.102	0.034	-	-	-	0.595
HCM Control Delay (s)	59.1	12.5	8	0.1	-	-	16.1
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	7.3	0.3	0.1	-	-	-	4

Intersection	
Int Delay, s/veh	9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Future Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	404	14	24	320	48	30	0	106	160	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	424	0	0	807	-	424	772	792	320
Stage 1	-	-	-	-	-	-	424	-	-	368	368	-
Stage 2	-	-	-	-	-	-	383	-	-	404	424	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1135	-	0	300	0	630	317	322	721
Stage 1	0	-	-	-	-	0	608	0	-	652	621	-
Stage 2	0	-	-	-	-	0	640	0	-	623	587	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1113	-	-	272	-	618	257	308	721
Mov Cap-2 Maneuver	-	-	-	-	-	-	272	-	-	257	308	-
Stage 1	-	-	-	-	-	-	608	-	-	652	605	-
Stage 2	-	-	-	-	-	-	595	-	-	516	576	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.7	40.9
HCM LOS			B	E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	272	618	-	-	1113	-	261	721
HCM Lane V/C Ratio	0.11	0.172	-	-	0.022	-	0.674	0.019
HCM Control Delay (s)	19.9	12	-	-	8.3	0	43.3	10.1
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.4	0.6	-	-	0.1	-	4.4	0.1

Intersection	
Int Delay, s/veh	9.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Future Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	212	45	0	306	58	147	120	77	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	384	0	-	-	-	0	565	796	106	721	767	202
Stage 1	-	-	-	-	-	-	412	412	-	355	355	-
Stage 2	-	-	-	-	-	-	153	384	-	366	412	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1171	-	0	0	-	-	408	318	928	315	331	805
Stage 1	-	-	0	0	-	-	588	593	-	635	628	-
Stage 2	-	-	0	0	-	-	834	610	-	626	593	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1149	-	-	-	-	-	346	281	928	176	293	790
Mov Cap-2 Maneuver	-	-	-	-	-	-	346	281	-	176	293	-
Stage 1	-	-	-	-	-	-	530	534	-	561	616	-
Stage 2	-	-	-	-	-	-	765	598	-	401	534	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.8	0	23.4	15
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	346	386	1149	-	-	-	442
HCM Lane V/C Ratio	0.425	0.51	0.087	-	-	-	0.19
HCM Control Delay (s)	22.9	23.7	8.4	0.2	-	-	15
HCM Lane LOS	C	C	A	A	-	-	C
HCM 95th %tile Q(veh)	2	2.8	0.3	-	-	-	0.7

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Future Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	451	19	50	322	187	18	0	91	59	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	471	0	0	907	-	471	873	893	322
Stage 1	-	-	-	-	-	-	471	-	-	422	422	-
Stage 2	-	-	-	-	-	-	436	-	-	451	471	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1091	-	0	257	0	593	271	281	719
Stage 1	0	-	-	-	-	0	573	0	-	609	588	-
Stage 2	0	-	-	-	-	0	599	0	-	588	560	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1070	-	-	223	-	582	219	260	719
Mov Cap-2 Maneuver	-	-	-	-	-	-	223	-	-	219	260	-
Stage 1	-	-	-	-	-	-	573	-	-	609	554	-
Stage 2	-	-	-	-	-	-	537	-	-	496	549	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	14	28.5
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	223	582	-	-	1070	-	229	719
HCM Lane V/C Ratio	0.081	0.156	-	-	0.047	-	0.362	0.006
HCM Control Delay (s)	22.6	12.3	-	-	8.5	0	29.4	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	1.6	0

Intersection	
Int Delay, s/veh	36.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Future Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	155	62	0	377	43	253	39	30	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	440	0	-	-	-	0	428	679	78	600	658	230
Stage 1	-	-	-	-	-	-	239	239	-	419	419	-
Stage 2	-	-	-	-	-	-	189	440	-	181	239	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1116	-	0	0	-	-	511	372	967	385	383	772
Stage 1	-	-	0	0	-	-	743	706	-	582	588	-
Stage 2	-	-	0	0	-	-	795	576	-	803	706	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1095	-	-	-	-	-	~ 217	350	967	324	360	757
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 217	350	-	324	360	-
Stage 1	-	-	-	-	-	-	712	676	-	547	577	-
Stage 2	-	-	-	-	-	-	349	565	-	702	676	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.9	0	128.2	21.2
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	217	484	1095	-	-	-	677
HCM Lane V/C Ratio	1.166	0.143	0.038	-	-	-	0.688
HCM Control Delay (s)	159.4	13.7	8.4	0.1	-	-	21.2
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	12.2	0.5	0.1	-	-	-	5.5

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	18.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Future Vol, veh/h	0	404	14	24	320	48	30	0	106	160	16	14
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	404	14	24	320	48	30	0	106	160	16	14
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.5	18.1	11.3	14.8
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	7%	0%	91%	0%
Vol Thru, %	0%	0%	100%	0%	93%	0%	9%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	106	404	14	344	48	176	14
LT Vol	30	0	0	0	24	0	160	0
Through Vol	0	0	404	0	320	0	16	0
RT Vol	0	106	0	14	0	48	0	14
Lane Flow Rate	30	106	404	14	344	48	176	14
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.067	0.2	0.721	0.022	0.623	0.077	0.379	0.026
Departure Headway (Hd)	8.028	6.795	6.424	5.712	6.516	5.768	7.753	6.57
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	446	527	566	629	557	624	465	544
Service Time	5.783	4.549	4.137	3.425	4.229	3.481	5.503	4.32
HCM Lane V/C Ratio	0.067	0.201	0.714	0.022	0.618	0.077	0.378	0.026
HCM Control Delay	11.4	11.3	24	8.6	19.4	9	15.2	9.5
HCM Lane LOS	B	B	C	A	C	A	C	A
HCM 95th-tile Q	0.2	0.7	5.9	0.1	4.3	0.2	1.7	0.1

Intersection	
Intersection Delay, s/veh	13.5
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Future Vol, veh/h	100	212	45	0	306	58	147	120	77	19	0	65
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	212	45	0	306	58	147	120	77	19	0	65
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	13.1	13.9	14	12
HCM LOS	B	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	59%	0%	0%	0%	0%	23%
Vol Thru, %	0%	61%	41%	100%	0%	100%	64%	0%
Vol Right, %	0%	39%	0%	0%	100%	0%	36%	77%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	147	197	171	141	45	204	160	84
LT Vol	147	0	100	0	0	0	0	19
Through Vol	0	120	71	141	0	204	102	0
RT Vol	0	77	0	0	45	0	58	65
Lane Flow Rate	147	197	171	141	45	204	160	84
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.317	0.381	0.355	0.282	0.081	0.408	0.308	0.177
Departure Headway (Hd)	7.753	6.97	7.492	7.193	6.479	7.198	6.938	7.587
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	465	516	481	500	553	500	518	473
Service Time	5.491	4.707	5.232	4.933	4.218	4.935	4.675	5.337
HCM Lane V/C Ratio	0.316	0.382	0.356	0.282	0.081	0.408	0.309	0.178
HCM Control Delay	14.1	14	14.3	12.7	9.8	14.8	12.7	12
HCM Lane LOS	B	B	B	B	A	B	B	B
HCM 95th-tile Q	1.3	1.8	1.6	1.1	0.3	2	1.3	0.6

Intersection	
Intersection Delay, s/veh	17.6
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Future Vol, veh/h	0	451	19	50	322	187	18	0	91	59	24	4
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	451	19	50	322	187	18	0	91	59	24	4
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.4	14.9	10.7	12.1
HCM LOS	C	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	13%	0%	71%	0%
Vol Thru, %	0%	0%	100%	0%	87%	0%	29%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	91	451	19	372	187	83	4
LT Vol	18	0	0	0	50	0	59	0
Through Vol	0	0	451	0	322	0	24	0
RT Vol	0	91	0	19	0	187	0	4
Lane Flow Rate	18	91	451	19	372	187	83	4
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.039	0.167	0.743	0.028	0.61	0.267	0.178	0.007
Departure Headway (Hd)	7.835	6.605	5.93	5.221	5.907	5.131	7.713	6.631
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	456	541	609	683	610	698	463	537
Service Time	5.608	4.378	3.68	2.971	3.656	2.879	5.488	4.405
HCM Lane V/C Ratio	0.039	0.168	0.741	0.028	0.61	0.268	0.179	0.007
HCM Control Delay	10.9	10.7	24	8.1	17.5	9.8	12.2	9.5
HCM Lane LOS	B	B	C	A	C	A	B	A
HCM 95th-tile Q	0.1	0.6	6.5	0.1	4.1	1.1	0.6	0

Intersection	
Intersection Delay, s/veh	42.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Future Vol, veh/h	42	155	62	0	377	43	253	39	30	41	0	425
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	155	62	0	377	43	253	39	30	41	0	425
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	15.4	22.7	26.9	86.5
HCM LOS	C	C	D	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	45%	0%	0%	0%	0%	9%
Vol Thru, %	0%	57%	55%	100%	0%	100%	75%	0%
Vol Right, %	0%	43%	0%	0%	100%	0%	25%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	69	94	103	62	251	169	466
LT Vol	253	0	42	0	0	0	0	41
Through Vol	0	39	52	103	0	251	126	0
RT Vol	0	30	0	0	62	0	43	425
Lane Flow Rate	253	69	94	103	62	251	169	466
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.675	0.168	0.251	0.271	0.152	0.62	0.408	1.055
Departure Headway (Hd)	9.812	8.977	10.022	9.787	9.054	9.258	9.071	8.154
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	372	402	361	369	399	392	400	452
Service Time	7.512	6.677	7.722	7.487	6.754	6.958	6.771	5.822
HCM Lane V/C Ratio	0.68	0.172	0.26	0.279	0.155	0.64	0.422	1.031
HCM Control Delay	30.6	13.5	16	16.1	13.4	25.9	17.9	86.5
HCM Lane LOS	D	B	C	C	B	D	C	F
HCM 95th-tile Q	4.7	0.6	1	1.1	0.5	4	1.9	14.9

MEMORANDUM

To:	Rafael Fajardo City of Covina Department of Public Works	Date:	August 1, 2019
From:	Clare M. Look-Jaeger, P.E. Francesca S. Bravo Linscott, Law & Greenspan, Engineers	LLG Ref:	1-18-4275-2
Subject:	Kaiser Permanente Covina Medical Office Building Project – Supplemental Transportation Analysis		

LINSCOTT LAW & GREENSPAN engineers

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This memorandum has been prepared by Linscott, Law & Greenspan, Engineers (LLG) to summarize the supplemental transportation analysis prepared for the proposed Kaiser Permanente Covina Medical Office Building (MOB) project located in the City of Covina. LLG previously prepared the supplemental transportation analysis dated August 8, 2018 for the project. The transportation impact study was previously reviewed and approved by City staff. LLG has prepared this supplemental transportation analysis to evaluate the recent modifications to the proposed project.

LLG has prepared updated intersection Level of Service calculations for the study locations analyzed in the prior traffic impact study. Briefly, it is concluded that based on the supplemental transportation analysis, the proposed project is expected to result in a significant impact at two of the four study intersections, consistent with the prior transportation impact study. Thus, the overall results and conclusions of the prior transportation impact study remain valid.

Project Description

The project site is located at 1164 Park View Drive, on the east side of Park View Drive southeast of Holt Avenue. The proposed project consists of the development of a 3-story medical office building with a total of approximately 60,000 square feet of floor area. Additionally, the proposed project will include the construction of a 4-level parking structure with approximately 256 parking spaces and 71 surface parking spaces for a total of 327 parking spaces on-site. Vehicular access to the project site will be provided via three new driveways on Park View Drive. A drop-off/pick-up zone will be provided along the southern portion of the proposed medical office building. The revised project site plan is shown in ***Figure 1***.

Updated Project Trip Generation

The trip generation forecast for the project is summarized in ***Table 1***. It should be noted that the trip generation forecast has been updated utilizing the trip generation rates published in the current Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 10th Edition, 2017. As shown in *Table 1*, the proposed project is forecast to generate 167 vehicle trips (130 inbound trips and 37 outbound trips) during the AM peak hour and 208 vehicle trips (58 inbound trips and 150 outbound trips) during the PM peak hour. Over a 24-hour period, the proposed project is forecast to generate 2,088 daily trips (1,044 inbound trips and 1,044 outbound trips) during a typical weekday. The forecast project traffic volumes at the study

intersections for the weekday AM and PM peak hours are displayed in ***Figures 2*** and ***3***, respectively.

Updated Cumulative Projects List

The list of related projects has also been updated utilizing the trip generation rates published in the current Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 10th Edition, 2017. The list of related projects is summarized in ***Table 2***.

Updated Level of Service Analysis

The four study intersections evaluated in the prior traffic study were re-evaluated as part of the supplemental transportation analysis. The Intersection Capacity Utilization method was used to determine Volume-to-Capacity ratios and corresponding Levels of Service for the signalized study intersection. The *Highway Capacity Manual*[1] (HCM) was utilized to determine intersection delay values and corresponding Levels of Service for the unsignalized study intersections.

The relative impact of the added project traffic volumes to be generated by the proposed project during the AM and PM peak hours was evaluated based on analysis of existing and future operating conditions at the study intersections, without and with the proposed project. The previously discussed capacity analysis procedures were utilized to evaluate the future *v/c* relationships and service level characteristics at each study intersection.

Two of the four study intersections are located within the City of Covina. The two remaining study intersections are located within the City of West Covina. Each study intersection was evaluated for potential traffic impacts using the significant traffic impact criteria utilized in the jurisdiction of the intersection (e.g., study intersections in the City of Covina were evaluated for potential traffic impacts using the criteria of the City of Covina, etc.). The ICU and HCM data worksheets for the analyzed intersections during the AM and PM peak commuter hours are contained in the attached appendix.

Summaries of the *v/c* ratios and LOS values for the four study intersections evaluated for the proposed project during the AM and PM peak hours are shown in ***Table 3***. As summarized in *Table 3*, the proposed project is expected to result in a significant impact at one of the four study intersections (i.e., Intersection No. 3, I-10 Freeway WB Ramps/Holt Avenue) under the "Existing With Project" scenario. The existing with project traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figures 4*** and ***5***, respectively.

As summarized in *Table 3*, the proposed project is expected to result in a significant impact at two of the four study intersections under the "Future With Proposed Project" scenario, as shown below:

[1]*HCM2010 Highway Capacity Manual*, Transportation Research Board of the National Academies, 2010.

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

Incremental but not significant impacts are noted at the remaining study intersections. It should be noted that these results are consistent with the previously reported conclusions contained in the prior transportation impact study. The future without and with project traffic volumes at the study intersections during the weekday AM and PM peak hours are presented in ***Figures 6, 7, 8*** and ***9***, respectively.

Updated California Department of Transportation Analysis

The two ramp study intersections evaluated in the prior traffic study were re-evaluated as part of the supplemental transportation analysis. The intersection and queuing analyses for the two ramp study intersections were prepared utilizing the *Synchro 10* software package which implements the HCM 2010 Highway Capacity Manual operational analysis methodologies.

Table 4 summarizes the intersection analyses for the existing, existing with project, and Year 2022 future conditions (i.e., Opening Year) both without and with the proposed project. As shown in *Table 4,* application of the Caltrans LOS standards and guidelines to the "Existing With Project" and "Year 2022 With Project" scenarios indicate that the proposed project could be expected to result in impacts at the subject intersections during the peak hours shown below.

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

As presented in ***Table 5***, adequate 85th percentile storage areas are provided to accommodate the forecast 95th percentile queues at the off-ramp locations under all analysis conditions. Therefore, vehicle queuing back onto the I-10 Freeway mainline travel lanes is not expected. The corresponding weekday AM and PM peak hour HCM worksheets are contained in the *Appendix*.

Transportation Improvement Measures

The following paragraphs summarize the recommended transportation mitigation measures for the subject study intersections.

<u>Intersection No. 2: I-10 Freeway EB Ramps/Holt Avenue (City of West Covina)</u>

The recommended improvement at this intersection consists of the conversion of two-way stop control to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound and westbound approaches. As shown in *Table 3*, the recommended mitigation measure is expected to reduce the forecast cumulative

impact to less than significant levels by reducing overall delays and improving the intersection LOS. In addition, the City of West Covina has concurred with this mitigation measure.

Intersection No. 3: I-10 Freeway WB Ramps/Holt Avenue (City of Covina)

By way of background, this intersection was operating under two-way stop control (i.e., Holt Avenue eastbound and westbound traffic was not required to stop) prior to commencement of construction activities associated with the I-10 Freeway HOV Lane improvement project. Prior to the construction, two through travel lanes were also provided along Holt Avenue at this intersection. During construction of the I-10 Freeway improvement project, however, the intersection was converted to all-way stop control and the through travel lanes along Holt Avenue were reduced to one in each direction. Since the I-10 Freeway HOV Lane improvement project is expected to be completed in Year 2021, the analysis of "Future Without Project" and "Future With Project" (Year 2022) conditions was based on the type of traffic control and lanes prior to the construction activities associated with the I-10 Freeway improvement project.

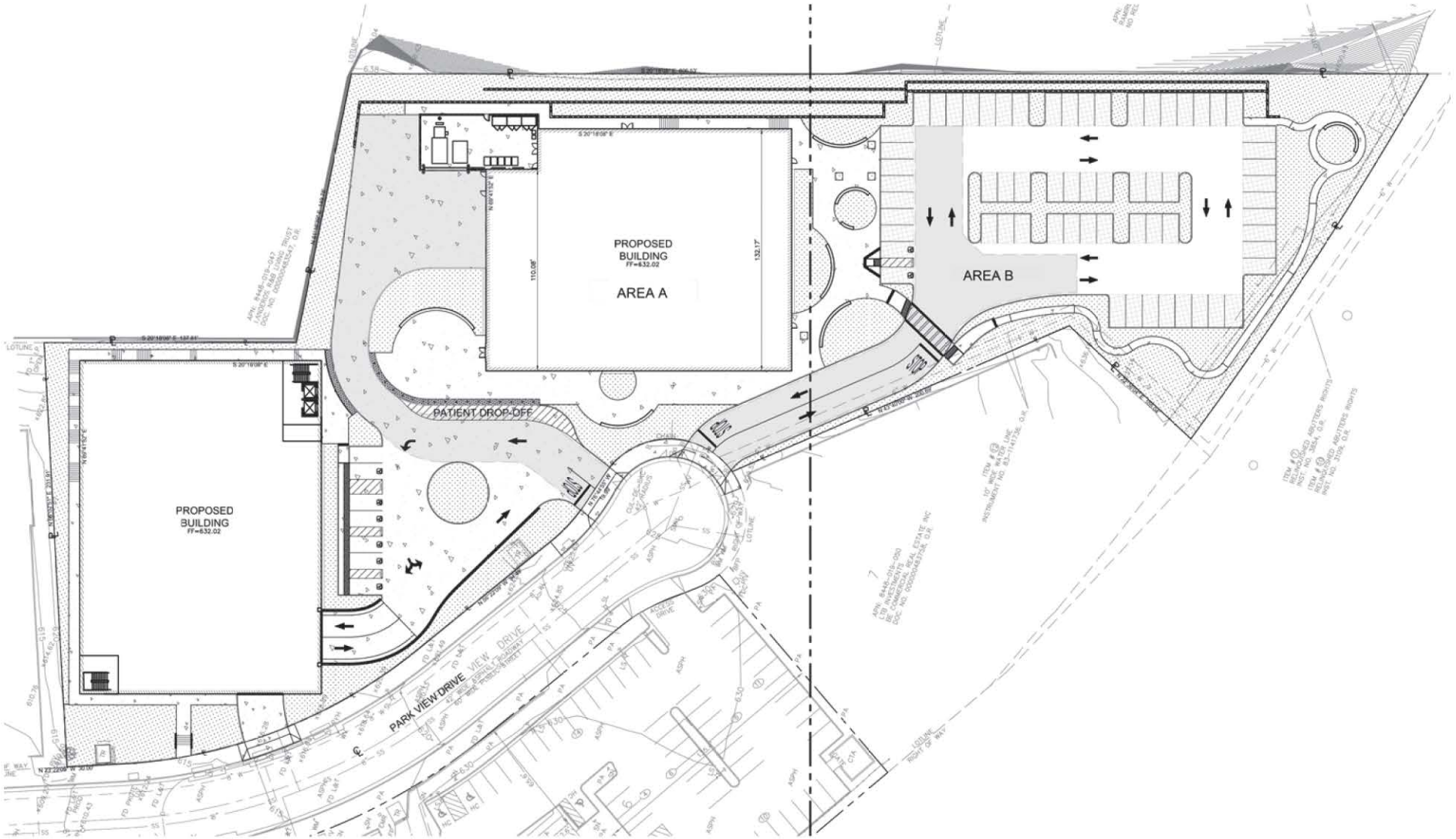
The recommended improvement at this intersection consists of the conversion of two-way stop control (i.e., the type of traffic control prior to the I-10 Freeway construction project) to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound and westbound approaches. As noted above, the intersection is currently operating under all-way stop control during construction of the I-10 Freeway improvement project. As shown in *Table 3*, the recommended mitigation measure is expected to reduce the forecast cumulative and project impact to less than significant levels by reducing overall delays and improving the intersection LOS.

Summary

Based on application of the City's threshold criteria, it is concluded that the proposed Kaiser Permanente Covina MOB project is expected to result in a significant impact at two of the four study intersections, consistent with the prior transportation impact study. Thus, the overall results and conclusions of the prior transportation impact study remain valid.

Please feel free to contact us should you have any questions or comments regarding this supplemental transportation analysis.

Attachments



SOURCE: CANNON DESIGN

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FIGURE 1
SITE PLAN

LINSCOTT, LAW & GREENSPAN, engineers

KAISER PERMANENTE COVINA MOB PROJECT

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Table 1
PROJECT TRIP GENERATION [1]

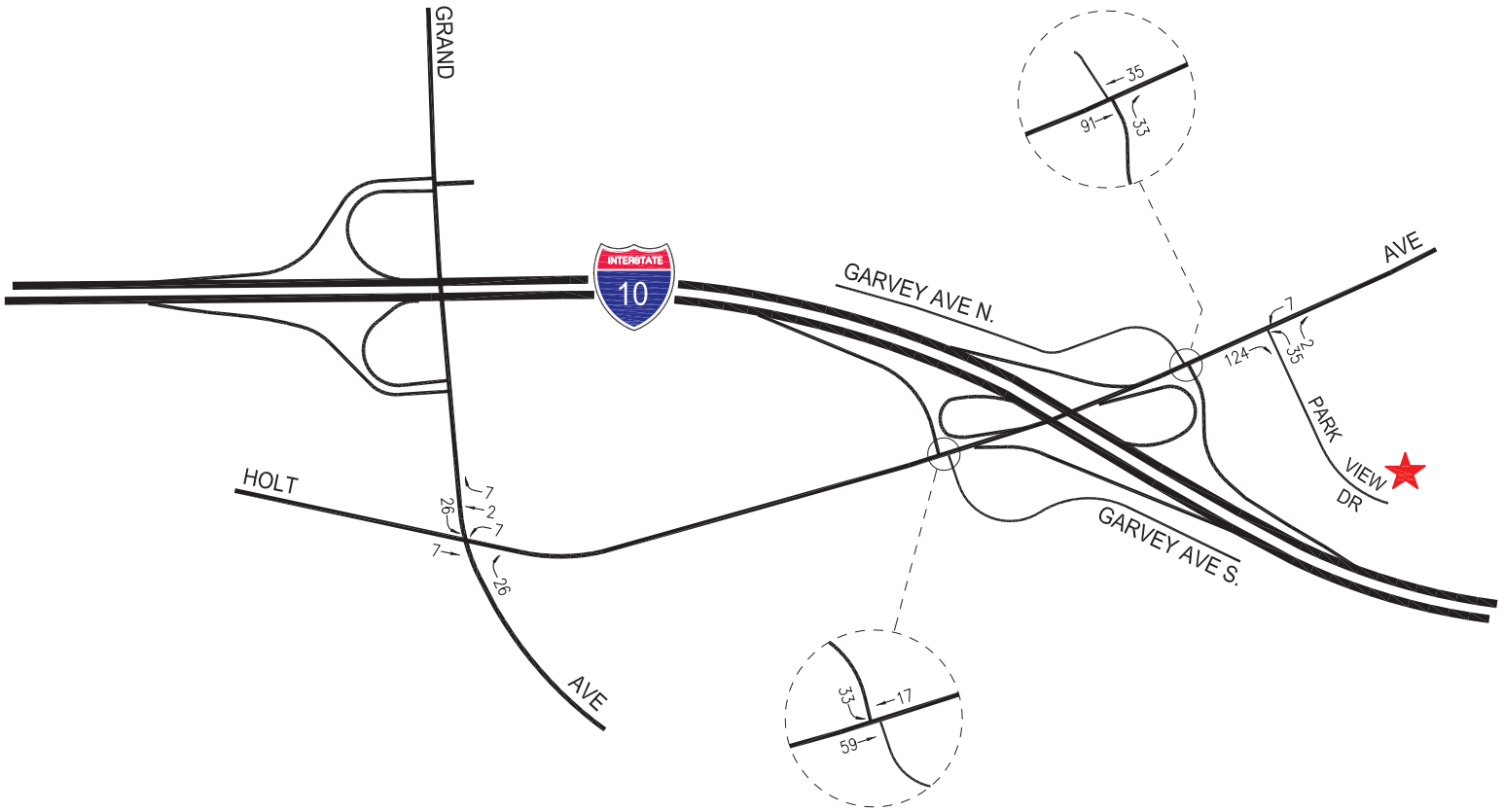
LAND USE	SIZE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			IN	OUT	TOTAL	IN	OUT	TOTAL
Medical Office Building [3]	60,000 GSF	2,088	130	37	167	58	150	208
TOTAL		**2,088**	**130**	**37**	**167**	**58**	**150**	**208**

[1] Source: ITE "Trip Generation Manual", 10th Edition, 2017.

[2] Trips are one-way traffic movements, entering or leaving.

[3] ITE Land Use Code 720 (Medical-Dental Office Building) trip generation average rates.

- Daily Trip Rate: 34.80 trips/1,000 SF of floor area; 50% inbound/50% outbound
- AM Peak Hour Trip Rate: 2.78 trips/1,000 SF of floor area; 78% inbound/22% outbound
- PM Peak Hour Trip Rate: 3.46 trips/1,000 SF of floor area; 28% inbound/72% outbound



PROJECT SITE

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FIGURE 2
PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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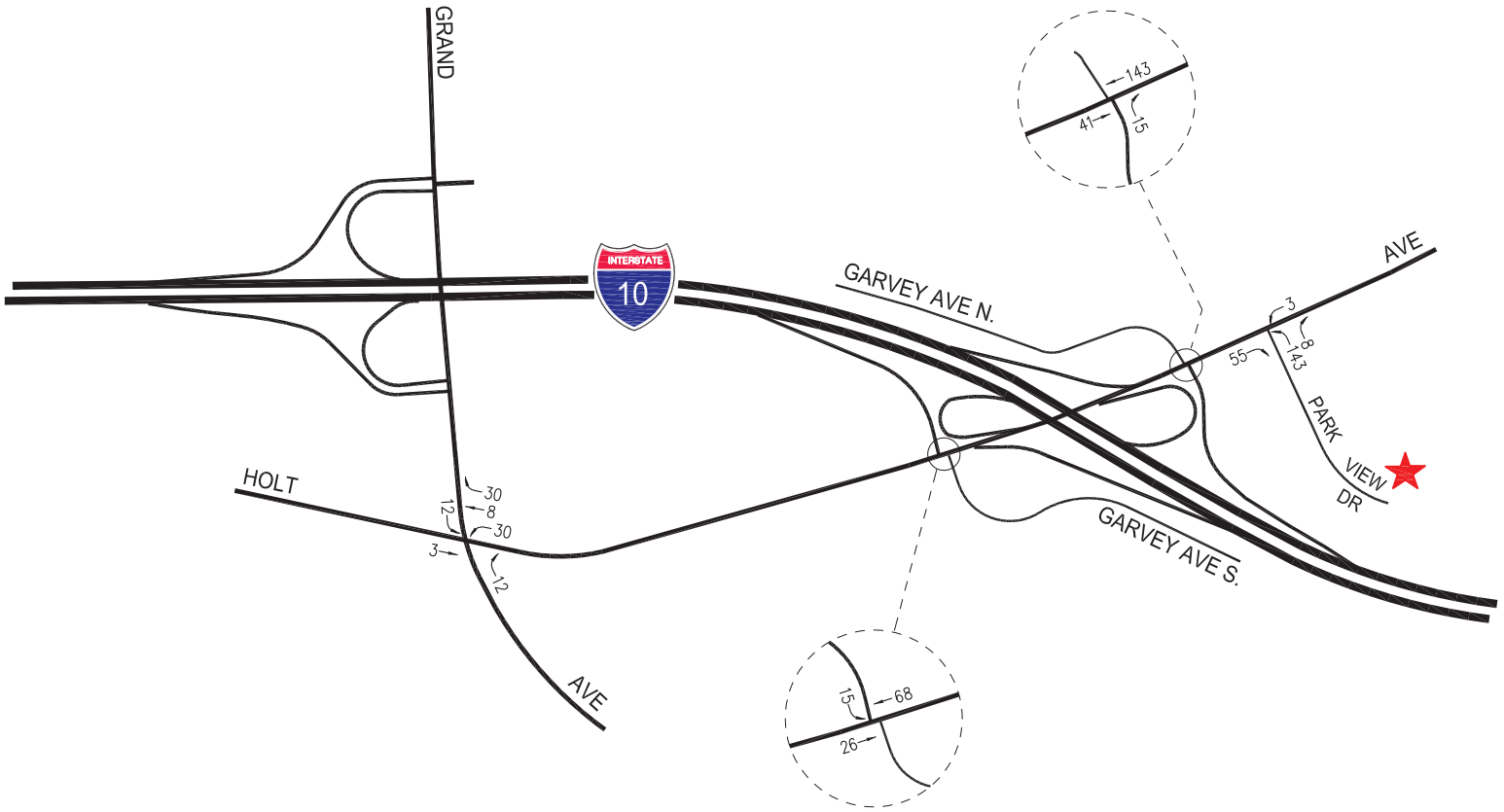

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PROJECT SITE

FIGURE 3
PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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Table 2
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE			IN	OUT	TOTAL	IN	OUT	TOTAL
City of Covina												
1	Approved	City Ventures Covina 3 400 Block North Citrus Avenue	Condominium Retail	68 DU 5,794 GLSF	[3] [4]	498 219	7 3	24 2	31 5	24 11	14 11	38 22
2	Proposed	Covina Townhomes (Site A) Project Northwest corner of San Bernardino Road and Citrus Avenue	Townhome Restaurant Retail	161 DU 3,800 GSF 13,500 GLSF	[5]	1,700	36	72	108	87	58	145
3	Proposed	Covina Assembly of God 250 East San Bernardino Road	Church Addition	9,400 GSF	[6]	65	2	1	3	2	3	5
4	Under Construction	800 North Banna Avenue	Single-Family Residential Public Park	63 DU 2 Acres	[7] [8]	595 2	12 0	35 0	47 0	39 0	23 0	62 0
5	Approved	1732 East Ruddock Street	Single-Family Residential	4 DU	[7]	38	1	2	3	3	1	4
6	Under Construction	777 Enda Place	Light Industrial	99,272 GSF	[9]	492	61	8	69	8	55	63
7	Proposed	Southeast Corner of Park View Drive and Holt Avenue	Assisted Living	94 Occ. Beds	[10]	389	12	5	17	14	13	27
8	Graded	1162 North Citrus Avenue	Condominium Retail Office Event Center	117 DU 4,800 GLSF 15,000 GSF 25,000 GSF	[3] [4] [11] [12]	856 181 146 721	12 3 15 29	42 2 2 15	54 5 17 44	42 9 3 27	24 9 14 31	66 18 17 58
9	Under Construction	1650 East Old Badillo	Assisted Living	32 Occ. Beds	[10]	132	4	2	6	5	4	9
10	Approved	276 West Dexter Street	Condominium	3 DU	[3]	22	0	1	1	1	1	2
11	Under Construction	172 East Center Street	Apartment	5 DU	[3]	37	0	2	2	2	1	3
12	Approved	525 South Citrus Avenue	Retail/Office Fast-Food Restaurant	5,900 GLSF 5,000 GSF	[4] [13]	223 2,355	4 103	2 98	6 201	11 85	11 78	22 163

Table 2 (Continued)
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2]	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE		VOLUMES	IN	OUT	TOTAL	IN	OUT	TOTAL
13a 13b	Proposed	Covina Townhomes Project 401 North Citrus Avenue (Site B1) 129-137 West Orange Street (Site B2) Northeast corner of 2nd Street and San Bernardino Road (Site C)	Office Retail Townhomes	1,030 GSF 3,370 GLSF 18 DU	[14]	219	6	7	13	11	10	21
14	Approved	1680 West San Bernardino Road	Gas Station with Convenience Store	2,350 GSF	[15]	3,384	91	88	179	106	102	208
City of West Covina												
15	Proposed	524 South Barranca Street	Single-Family Residential	4 DU	[7]	38	1	2	3	3	1	4
TOTAL						**12,312**	**402**	**412**	**814**	**493**	**464**	**957**

[1] Sources: City of Covina Community Development Department and City of West Covina Planning Department. Trip generation for the related projects are based on ITE "Trip Generation Manual", 10th Edition, 2017 (as referenced in the Project Data Source column), except as noted.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 220 (Multifamily Housing (Low-Rise) trip generation average rates.
[4] ITE Land Use Code 820 (Shopping Center) trip generation average rates.
[5] Source: "Covina Townhomes (Site A) Project Traffic Impact Study", prepared by LLG Engineers, May 9, 2018.
[6] ITE Land Use Code 560 (Church) trip generation average rates.
[7] ITE Land Use Code 210 (Single-Family Residential) trip generation average rates.
[8] ITE Land Use Code 411 (City Park) trip generation average rates.
[9] ITE Land Use Code 110 (Light Industrial) trip generation average rates.
[10] ITE Land Use Code 254 (Assisted Living) trip generation average rates.
[11] ITE Land Use Code 710 (General Office) trip generation average rates.
[12] ITE Land Use Code 495 (Recreational Community Center) trip generation average rates.
[13] ITE Land Use Code 934 (Fast-Food Restaurant with Drive-Through) trip generation average rates.
[14] Source: "Covina Townhomes Project Traffic Impact Study", prepared by LLG Engineers, October 9, 2017.
[15] ITE Land Use Code 945 (Gasoline/Service Station with Convenience Market) trip generation average rates.

Table 3
SUMMARY OF VOLUME TO CAPACITY RATIOS
AND LEVELS OF SERVICE
WEEKDAY AM AND PM PEAK HOURS

			[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	PEAK HOUR	YEAR 2018 EXISTING V/C or DELAY	LOS	YEAR 2018 EXISTING W/ PROJECT V/C or Delay	LOS	CHANGE V/C or DELAY [(2)-(1)]	SIGNIF. IMPACT	YEAR 2022 FUTURE PRE-PROJECT V/C or DELAY	LOS	YEAR 2022 FUTURE W/ PROJECT V/C or DELAY	LOS	CHANGE V/C or DELAY [(4)-(3)]	SIGNIF. IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION V/C or DELAY	LOS [a]	CHANGE V/C or DELAY [(5)-(4)]	MITIGATED
1	Grand Avenue/	AM	0.716	C	0.725	C	0.009	No	0.743	C	0.752	C	0.009	No	---	---	---	---
	Holt Avenue [a]	PM	0.612	B	0.640	B	0.028	No	0.638	B	0.666	B	0.028	No	---	---	---	---
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	23.5	C	34.8	D	0.058	No	26.8	D	42.2	E	0.058	Yes	19.1	C	-7.7	Yes
	Holt Avenue [a], [c]	PM	20.0	C	24.9	C	0.026	No	22.2	C	28.3	D	0.025	No	---	---	---	---
		AM	0.410		0.468				0.434		0.492				---			
		PM	0.409		0.435				0.431		0.456				---			
3	I-10 Freeway WB Ramps-Garvey Street/	AM	13.1	B	15.9	C	2.8	No	19.2	C	23.6	C	4.4	No	---	---	---	---
	Holt Avenue [b], [d]	PM	21.2	C	43.7	E	22.5	Yes	50.9	F	>80.0	F	[e]	Yes	42.4	E	-8.5	Yes
4	Park View Drive/	AM	11.2	B	13.2	B	2.0	No	11.8	B	13.7	B	1.9	No	---	---	---	---
	Holt Avenue [b], [c]	PM	10.9	B	13.8	B	2.9	No	11.4	B	14.6	B	3.2	No	---	---	---	---

[a] The City of West Covina intersection impact threshold criteria is as follows:

Level of Service	Pre-Project V/C	Incremental Increase in V/C
D/E/F	> 0.800	equal to or greater than 0.020

[b] The City of Covina intersection impact threshold criteria is as follows:

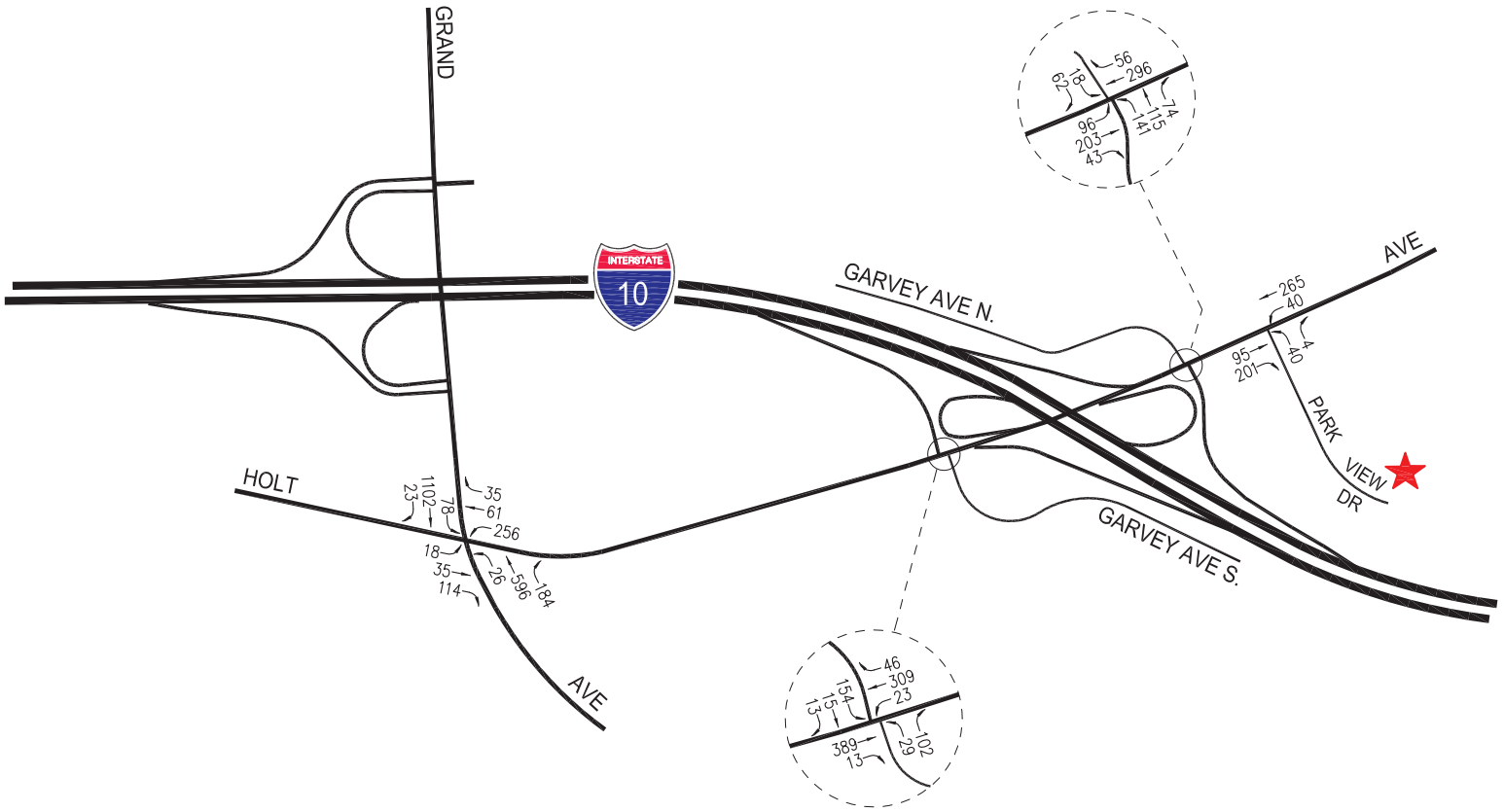
Signalized intersections:

Level of Service	Pre-Project V/C	Project-Related Increase in V/C
C	> 0.700 - 0.800	equal to or greater than 0.040
D	> 0.800 - 0.900	equal to or greater than 0.020
E/F	> 0.900	equal to or greater than 0.010

Unsignalized intersections:

Level of Service	Pre-Project Delay	Project-Related Increase in Delay
A/B/C	≤ 25.0 sec.	LOS D or worse
D/E/F	> 25.0 sec.	equal to or greater than 5.0 seconds

[c] Unsignalized intersection. Two-way stop controlled.
[d] Unsignalized intersection. All-way stop controlled.
[e] Oversaturated Conditions.



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PROJECT SITE

FIGURE 4

EXISTING WITH PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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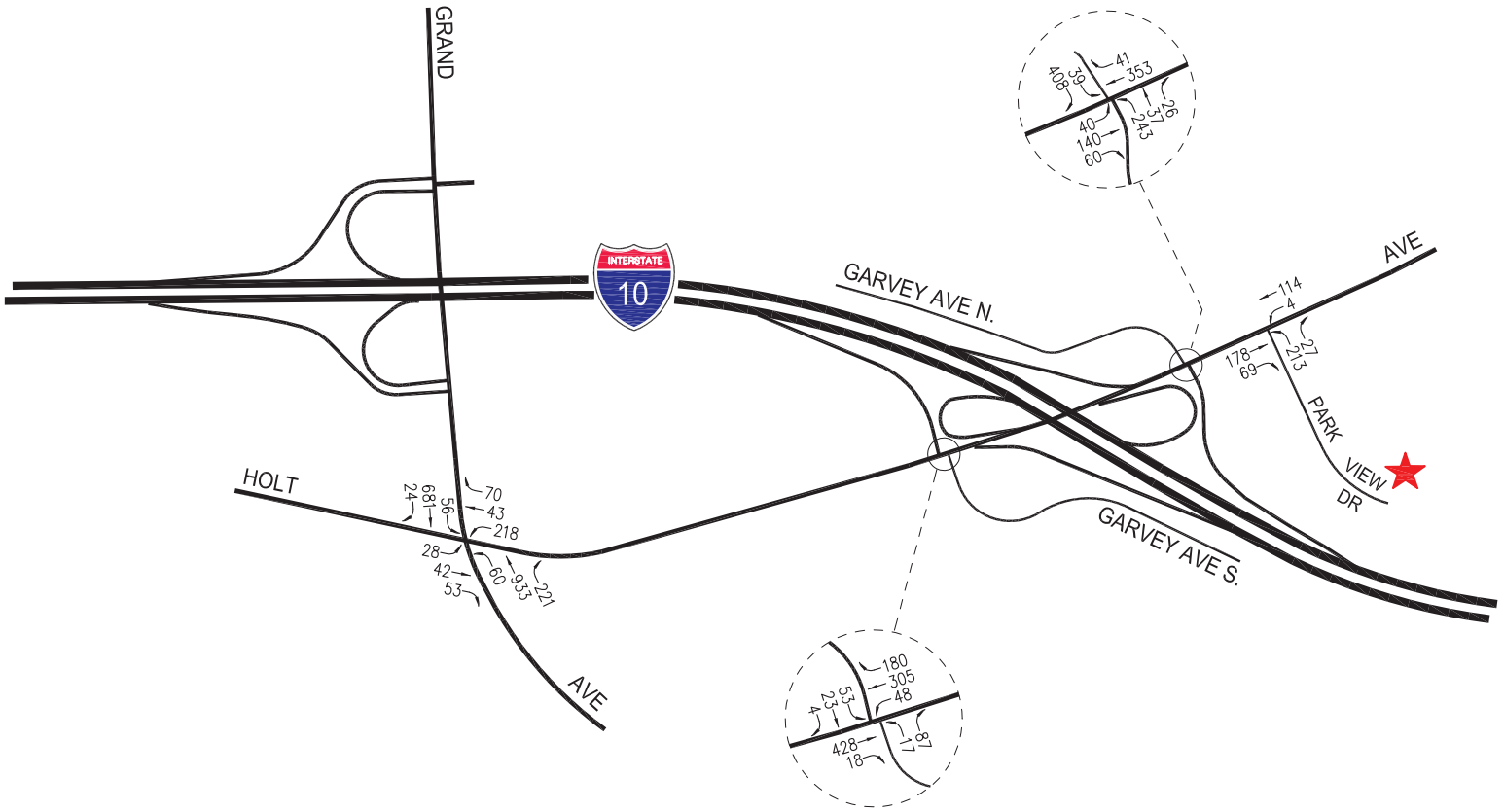

PROJECT SITE

N

NOT TO SCALE

FIGURE 5
EXISTING WITH PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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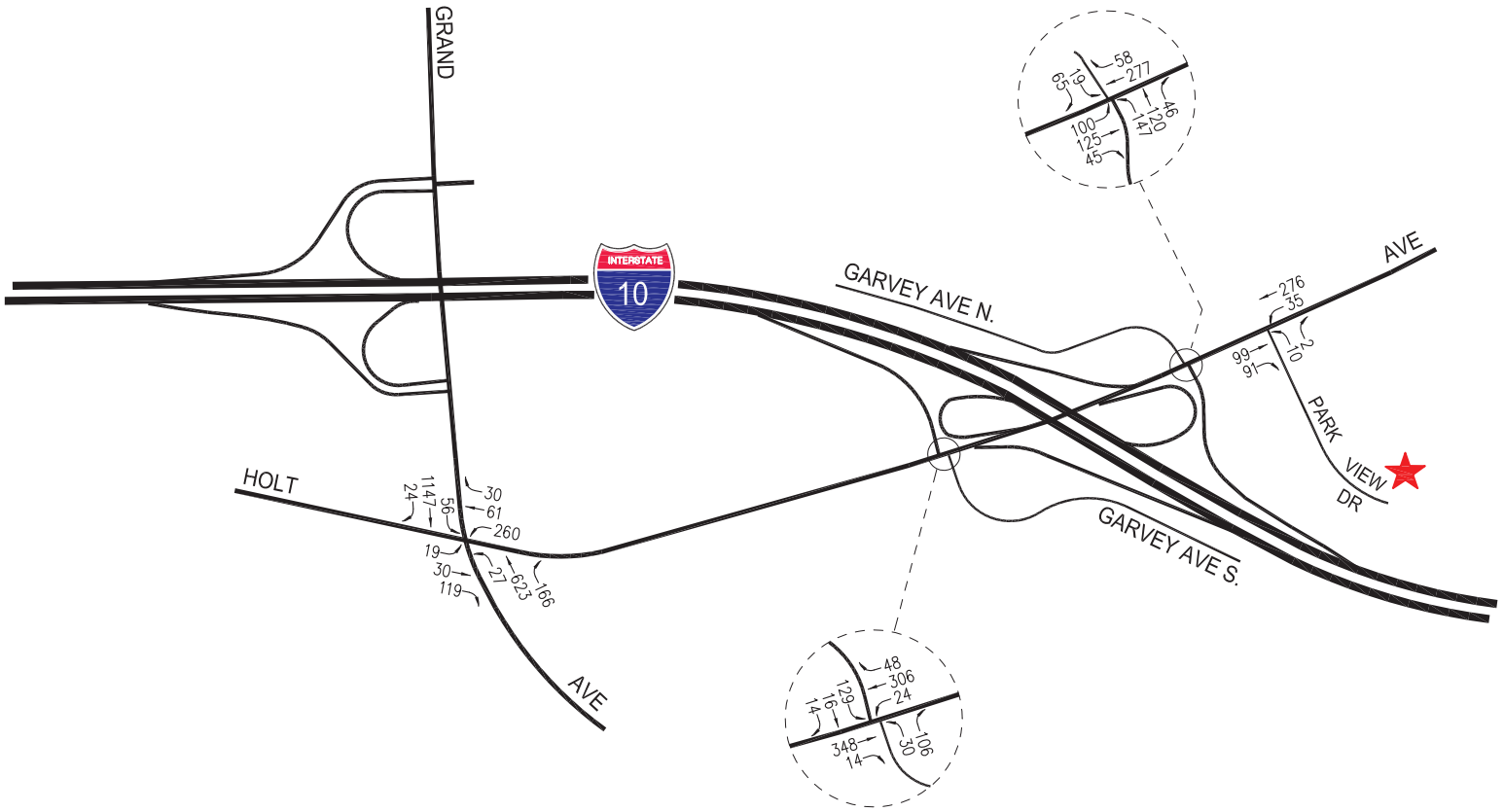

PROJECT SITE

N

NOT TO SCALE

FIGURE 6

FUTURE WITHOUT PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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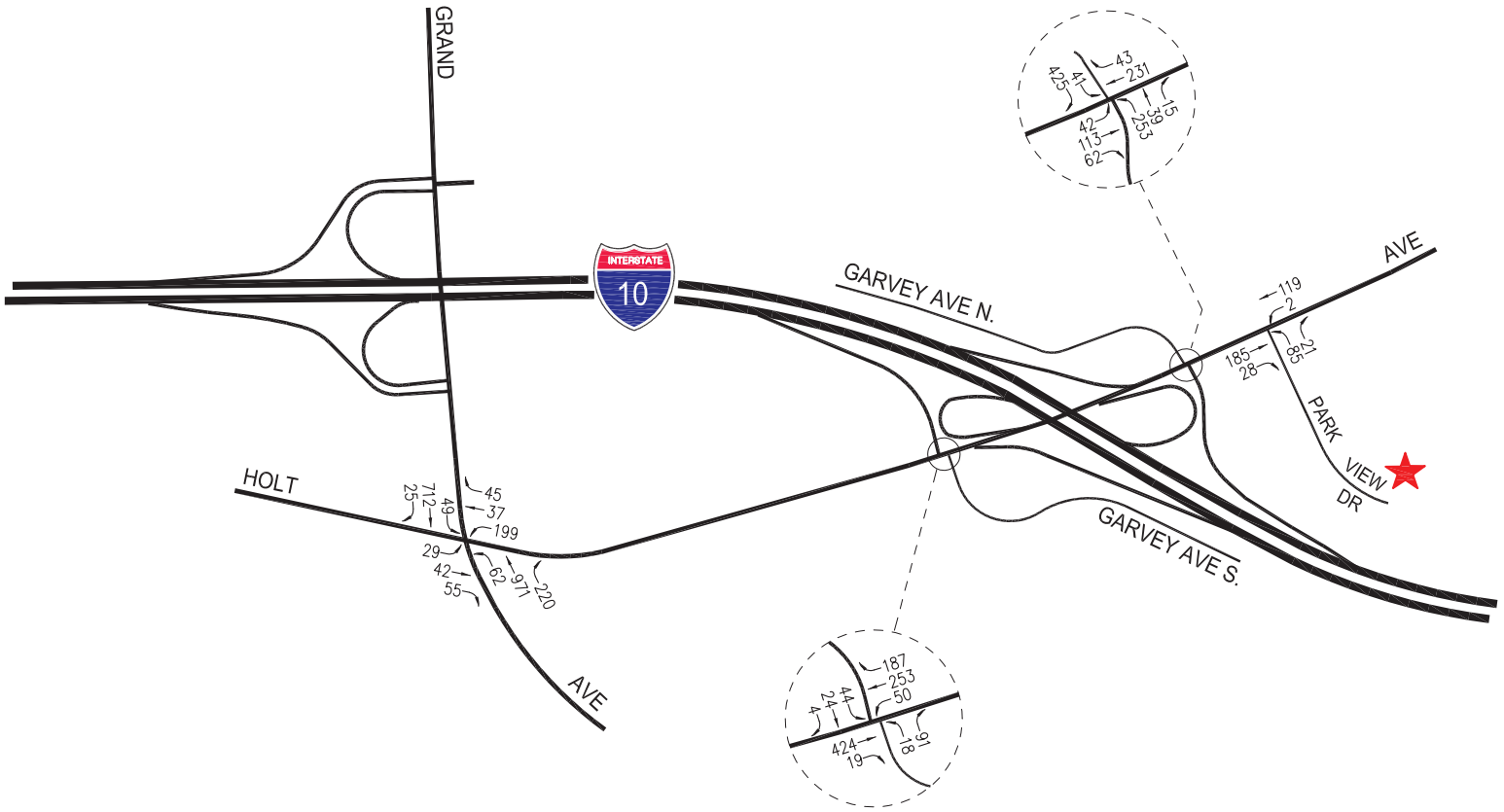

PROJECT SITE

N

NOT TO SCALE

FIGURE 7

FUTURE WITHOUT PROJECT TRAFFIC VOLUMES

WEEKDAY PM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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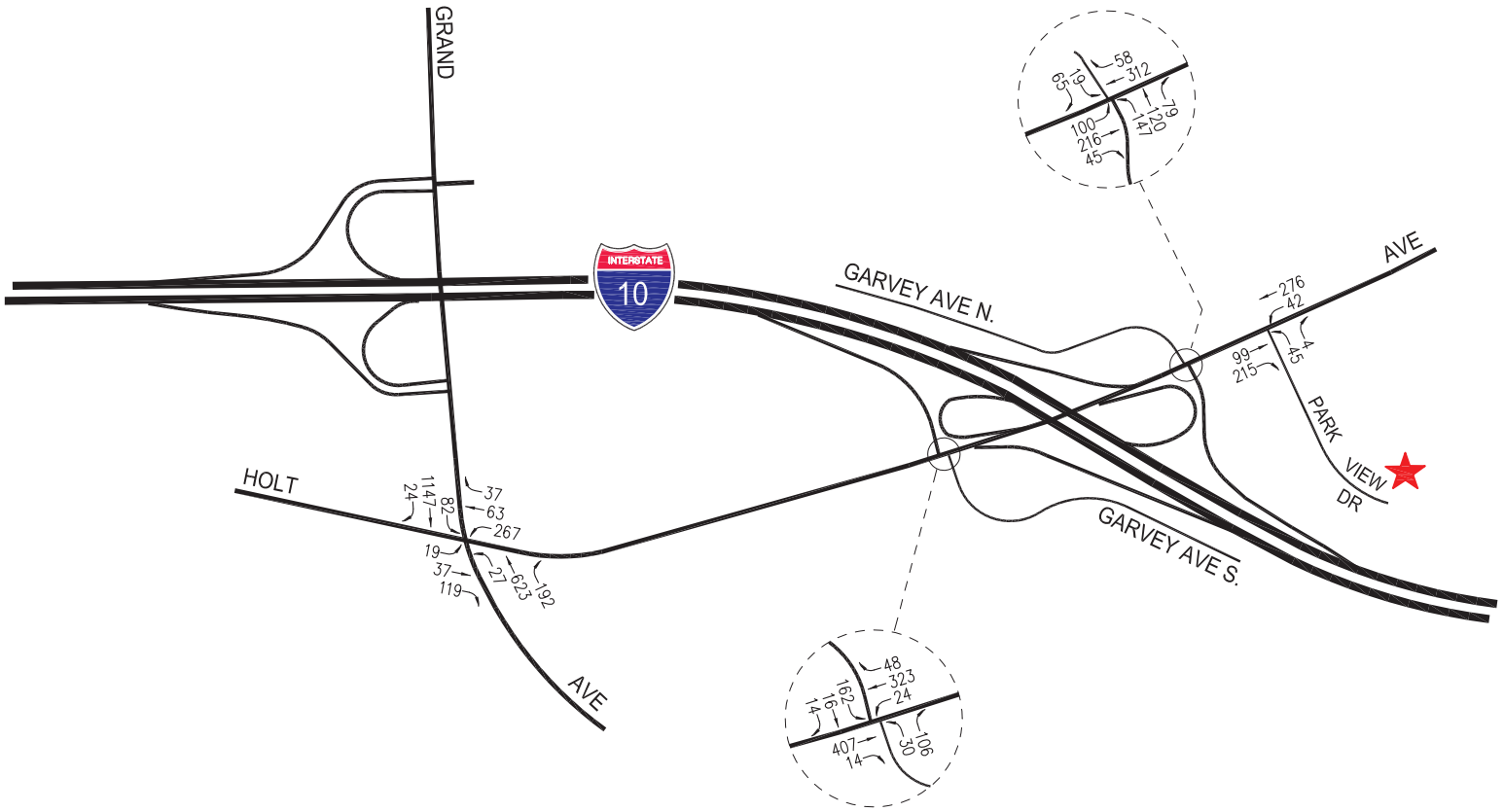

PROJECT SITE

N

NOT TO SCALE

FIGURE 8

FUTURE WITH PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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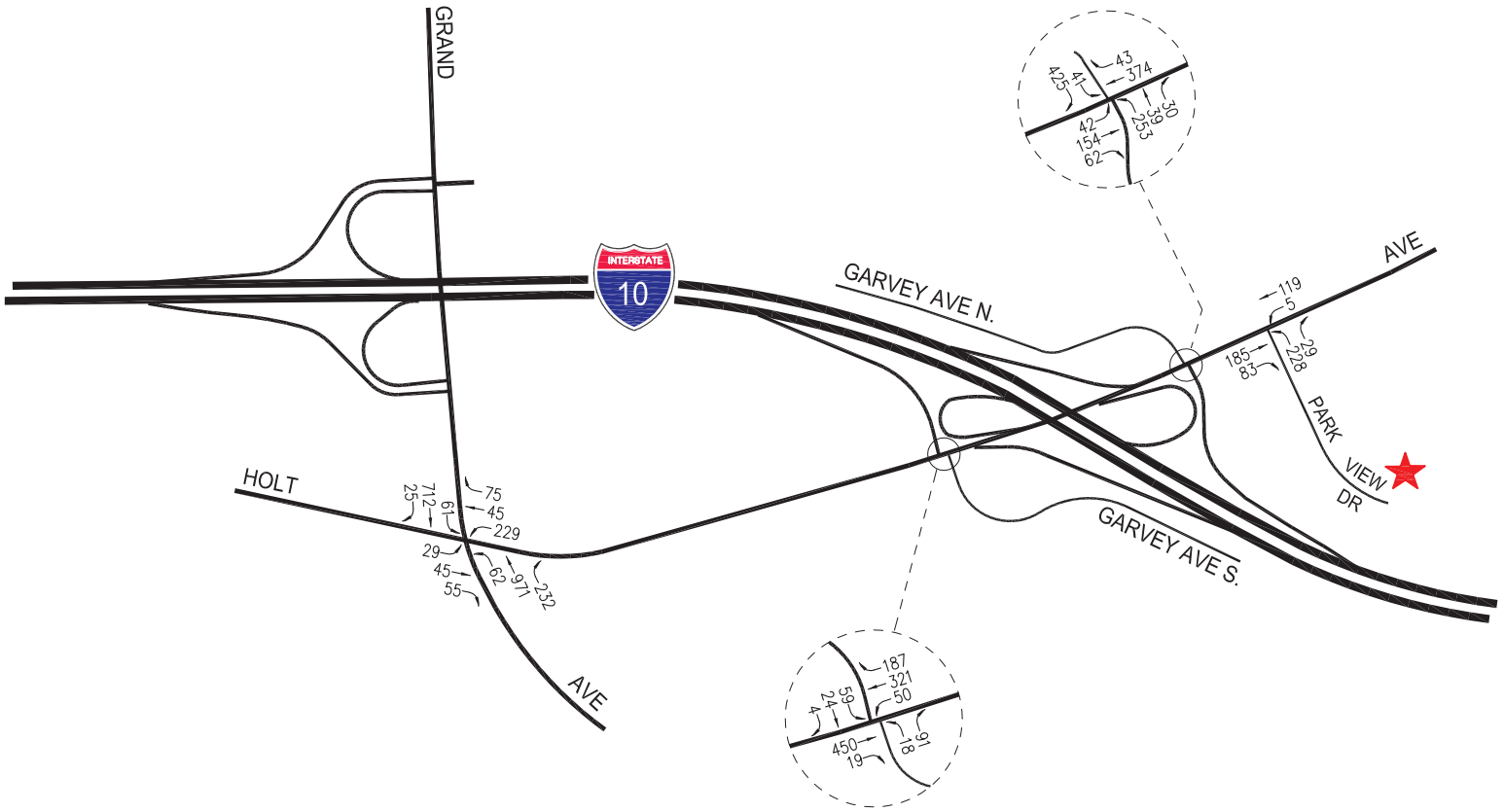

N

NOT TO SCALE

PROJECT SITE

FIGURE 9

FUTURE WITH PROJECT TRAFFIC VOLUMES

WEEKDAY PM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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Table 4
CALTRANS INTERSECTION IMPACT ANALYSIS [a]

				[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	TRAFFIC CONTROL	PEAK HOUR	YEAR 2018 EXISTING DELAY [b]	LOS [c]	YEAR 2018 EXISTING W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(2)-(1)]	IMPACT	YEAR 2022 FUTURE PRE-PROJECT W/ AM. GROW. & REL. PROJ. DELAY [b]	LOS [c]	YEAR 2022 FUTURE W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(4)-(3)]	IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION DELAY [b]	LOS [c]	CHANGE IN DELAY [(5)-(3)]	MITIGATED
2	I-10 Freeway EB Ramps-Garvey Avenue S./ Holt Avenue	TWSC	AM	23.5	C	34.8	D	11.3	No	26.8	D	42.2	E	15.4	Yes	19.1	C	-7.7	Yes
			PM	20.0	C	24.9	C	4.9	No	22.2	C	28.3	D	6.1	No	---	---	---	---
3	I-10 Freeway WB Ramps-Garvey Street/ Holt Avenue	AWSC	AM	13.1	B	15.9	C	2.8	No	19.2	C	23.6	C	4.4	No	---	---	---	---
			PM	21.2	C	43.7	E	22.5	Yes	50.9	F	>80.0	F	[d]	Yes	42.4	E	-8.5	Yes

[a] Intersection analysis based on the Highway Capacity Manual operational analysis methodologies per the Caltrans' *Guide for the Preparation of Traffic Impact Studies, December 2002.*

[b] Reported control delay values in seconds per vehicle. For two-way stop controlled intersections, reported control delay values represent the delays associated with the most constrained approach of the intersection.

[c] Unsignalized Intersection Levels of Service are based on the following criteria:

Control Delay (s/veh)	LOS
<= 10	A
> 10-15	B
> 15-25	C
> 25-35	D
> 35-50	E
> 50	F

[d] Oversaturated Conditions.

Table 5
SUMMARY OF OFF-RAMP VEHICLE QUEUING ANALYSIS [1]
WEEKDAY AM AND PM PEAK HOURS

NO.	INTERSECTION	PEAK HOUR	85th PERCENTILE AVAILABLE OFF-RAMP STORAGE [2] (FEET)	EXISTING YEAR 2018		EXISTING YEAR 2018 WITH PROJECT		FUTURE YEAR 2022 WITHOUT PROJECT		FUTURE YEAR 2022 WITH PROJECT	
				95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	1,060	55	No	95	No	68	No	115	No
	Holt Avenue	PM	1,060	25	No	30	No	25	No	40	No
3	I-10 Freeway WB Ramps-Garvey Street/	AM	1,180	55	No	68	No	88	No	125	No
	Holt Avenue	PM	1,180	80	No	113	No	190	No	315	No

[1] Refer to calculation worksheets in Appendix D.

[2] Available storage represents 85 percent of storage space as measured via Caltrans Earth, 2017.

[3] The 95th percentile queue is the maximum back of queue with 95th percentile traffic volumes. An average vehicle length of 25 feet (including vehicle separation) was assumed for analysis purposes. A minimum of 25 feet (i.e., one vehicle) was reported for queues of less than 25 feet. Refer to Appendix Table D-1 for calculation of peak hour off-ramp queuing.

APPENDIX

ICU AND HCM LEVELS OF SERVICE EXPLANATION
ICU AND HCM DATA WORKSHEETS
WEEKDAY AM AND PM PEAK HOURS

CALTRANS ANALYSIS WORKSHEETS

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Peak hr: AM
Annual Growth: 1.00%

Date: 8/1/2019
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	26	1600	0.016 *	0	26	1600	0.016 *	0	26	1600	0.016 *	0	27	1600	0.017 *	0	27	1600	0.017 *
NB Thru	596	3200	0.186	0	596	3200	0.186	0	596	3200	0.186	3	623	3200	0.195	0	623	3200	0.195
NB Right	158	1600	0.099	26	184	1600	0.115	0	184	1600	0.115	2	166	1600	0.104	26	192	1600	0.120
SB Left	52	1600	0.033	26	78	1600	0.049	0	78	1600	0.049	2	56	1600	0.035	26	82	1600	0.051
SB Thru	1102	3200	0.344 *	0	1102	3200	0.344 *	0	1102	3200	0.344 *	0	1147	3200	0.358 *	0	1147	3200	0.358 *
SB Right	23	1600	0.014	0	23	1600	0.014	0	23	1600	0.014	0	24	1600	0.015	0	24	1600	0.015
EB Left	18	0	0.011	0	18	0	0.011	0	18	0	0.011	0	19	0	0.012	0	19	0	0.012
EB Thru	28	1600	0.100 *	7	35	1600	0.104 *	0	35	1600	0.104 *	1	30	1600	0.105 *	7	37	1600	0.109 *
EB Right	114	0	0.000	0	114	0	0.000	0	114	0	0.000	0	119	0	0.000	0	119	0	0.000
WB Left	249	1600	0.156 *	7	256	1600	0.160 *	0	256	1600	0.160 *	1	260	1600	0.163 *	7	267	1600	0.167 *
WB Thru	59	1600	0.037	2	61	1600	0.038	0	61	1600	0.038	0	61	1600	0.038	2	63	1600	0.039
WB Right	28	1600	0.018	7	35	1600	0.022	0	35	1600	0.022	1	30	1600	0.019	7	37	1600	0.023
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.716				0.725				0.725				0.743				0.752
LOS			C				C				C				C				C

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue
Peak hr: PM
Annual Growth: 1.00%

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Date: 8/1/2019
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	60	1600	0.038	0	60	1600	0.038	0	60	1600	0.038	0	62	1600	0.039	0	62	1600	0.039
NB Thru	933	3200	0.292 *	0	933	3200	0.292 *	0	933	3200	0.292 *	0	971	3200	0.303 *	0	971	3200	0.303 *
NB Right	209	1600	0.131	12	221	1600	0.138	0	221	1600	0.138	3	220	1600	0.138	12	232	1600	0.145
SB Left	44	1600	0.028 *	12	56	1600	0.035 *	0	56	1600	0.035 *	3	49	1600	0.031 *	12	61	1600	0.038 *
SB Thru	681	3200	0.213	0	681	3200	0.213	0	681	3200	0.213	3	712	3200	0.223	0	712	3200	0.223
SB Right	24	1600	0.015	0	24	1600	0.015	0	24	1600	0.015	0	25	1600	0.016	0	25	1600	0.016
EB Left	28	0	0.018	0	28	0	0.018	0	28	0	0.018	0	29	0	0.018	0	29	0	0.018
EB Thru	39	1600	0.075 *	3	42	1600	0.077 *	0	42	1600	0.077 *	1	42	1600	0.079 *	3	45	1600	0.081 *
EB Right	53	0	0.000	0	53	0	0.000	0	53	0	0.000	0	55	0	0.000	0	55	0	0.000
WB Left	188	1600	0.118 *	30	218	1600	0.136 *	0	218	1600	0.136 *	3	199	1600	0.124 *	30	229	1600	0.143 *
WB Thru	35	1600	0.022	8	43	1600	0.027	0	43	1600	0.027	1	37	1600	0.023	8	45	1600	0.028
WB Right	40	1600	0.025	30	70	1600	0.044	0	70	1600	0.044	3	45	1600	0.028	30	75	1600	0.047
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.612				0.640				0.640				0.637				0.665
LOS			B				B				B				B				B

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

Intersection	
Int Delay, s/veh	5.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Future Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	330	13	23	292	46	29	0	102	121	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	350	0	0	702	-	350	668	688	292
Stage 1	-	-	-	-	-	-	350	-	-	338	338	-
Stage 2	-	-	-	-	-	-	352	-	-	330	350	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1209	-	0	353	0	693	372	369	747
Stage 1	0	-	-	-	-	0	666	0	-	676	641	-
Stage 2	0	-	-	-	-	0	665	0	-	683	633	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1186	-	-	323	-	680	311	354	747
Mov Cap-2 Maneuver	-	-	-	-	-	-	323	-	-	311	354	-
Stage 1	-	-	-	-	-	-	666	-	-	676	626	-
Stage 2	-	-	-	-	-	-	623	-	-	581	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.5	23.5
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	323	680	-	-	1186	-	315	747
HCM Lane V/C Ratio	0.09	0.15	-	-	0.019	-	0.432	0.017
HCM Control Delay (s)	17.2	11.2	-	-	8.1	0	24.8	9.9
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.3	0.5	-	-	0.1	-	2.1	0.1

Intersection	
Intersection Delay, s/veh	13.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Future Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	112	43	0	261	56	141	115	41	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.2	15.7	11.7	10.6
HCM LOS	B	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	46%	0%	0%	23%
Vol Thru, %	0%	74%	54%	0%	82%	0%
Vol Right, %	0%	26%	0%	100%	18%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	156	208	43	317	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	112	0	261	0
RT Vol	0	41	0	43	56	62
Lane Flow Rate	141	156	208	43	317	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.269	0.268	0.371	0.065	0.529	0.143
Departure Headway (Hd)	6.869	6.174	6.419	5.474	6.007	6.416
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	522	580	560	652	599	556
Service Time	4.624	3.929	4.173	3.227	4.056	4.487
HCM Lane V/C Ratio	0.27	0.269	0.371	0.066	0.529	0.144
HCM Control Delay	12.2	11.2	12.9	8.6	15.7	10.6
HCM Lane LOS	B	B	B	A	C	B
HCM 95th-tile Q	1.1	1.1	1.7	0.2	3.1	0.5

Intersection	
Int Delay, s/veh	0.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	77	33	265	5	2
Future Vol, veh/h	95	77	33	265	5	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	77	33	265	5	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	172	0	485	134
Stage 1	-	-	-	-	134	-
Stage 2	-	-	-	-	351	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1405	-	541	915
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	713	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1405	-	516	915
Mov Cap-2 Maneuver	-	-	-	-	516	-
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	679	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	589	-	-	1405	-
HCM Lane V/C Ratio	0.012	-	-	0.023	-
HCM Control Delay (s)	11.2	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Future Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	402	18	48	237	180	17	0	87	38	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	422	0	0	769	-	422	735	755	237
Stage 1	-	-	-	-	-	-	422	-	-	333	333	-
Stage 2	-	-	-	-	-	-	347	-	-	402	422	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1137	-	0	318	0	632	335	338	802
Stage 1	0	-	-	-	-	0	609	0	-	681	644	-
Stage 2	0	-	-	-	-	0	669	0	-	625	588	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1115	-	-	282	-	620	277	315	802
Mov Cap-2 Maneuver	-	-	-	-	-	-	282	-	-	277	315	-
Stage 1	-	-	-	-	-	-	609	-	-	681	612	-
Stage 2	-	-	-	-	-	-	609	-	-	537	577	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	12.9	20
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	282	620	-	-	1115	-	290	802
HCM Lane V/C Ratio	0.06	0.14	-	-	0.043	-	0.21	0.005
HCM Control Delay (s)	18.6	11.8	-	-	8.4	0	20.7	9.5
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	0.8	0

Intersection	
Intersection Delay, s/veh	21.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Future Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	99	60	0	210	41	243	37	11	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.9	18.3	16.9	29.4
HCM LOS	B	C	C	D

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	29%	0%	0%	9%
Vol Thru, %	0%	77%	71%	0%	84%	0%
Vol Right, %	0%	23%	0%	100%	16%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	48	139	60	251	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	99	0	210	0
RT Vol	0	11	0	60	41	408
Lane Flow Rate	243	48	139	60	251	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.513	0.092	0.301	0.115	0.518	0.79
Departure Headway (Hd)	7.593	6.916	7.79	6.922	7.423	6.361
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	474	516	460	515	484	568
Service Time	5.362	4.685	5.568	4.699	5.496	4.422
HCM Lane V/C Ratio	0.513	0.093	0.302	0.117	0.519	0.787
HCM Control Delay	18.2	10.4	13.9	10.6	18.3	29.4
HCM Lane LOS	C	B	B	B	C	D
HCM 95th-tile Q	2.9	0.3	1.3	0.4	2.9	7.5

Intersection	
Int Delay, s/veh	2.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	14	1	114	70	19
Future Vol, veh/h	178	14	1	114	70	19
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	14	1	114	70	19

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	192	0	321	185
Stage 1	-	-	-	-	185	-
Stage 2	-	-	-	-	136	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1381	-	673	857
Stage 1	-	-	-	-	847	-
Stage 2	-	-	-	-	890	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1381	-	660	857
Mov Cap-2 Maneuver	-	-	-	-	660	-
Stage 1	-	-	-	-	847	-
Stage 2	-	-	-	-	872	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	10.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	694	-	-	1381	-
HCM Lane V/C Ratio	0.128	-	-	0.001	-
HCM Control Delay (s)	10.9	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Int Delay, s/veh	7.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	389	13	23	309	46	29	0	102	154	15	13
Future Vol, veh/h	0	389	13	23	309	46	29	0	102	154	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	389	13	23	309	46	29	0	102	154	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	409	0	0	778	-	409	744	764	309
Stage 1	-	-	-	-	-	-	409	-	-	355	355	-
Stage 2	-	-	-	-	-	-	369	-	-	389	409	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1150	-	0	314	0	642	331	334	731
Stage 1	0	-	-	-	-	0	619	0	-	662	630	-
Stage 2	0	-	-	-	-	0	651	0	-	635	596	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1128	-	-	286	-	630	272	319	731
Mov Cap-2 Maneuver	-	-	-	-	-	-	286	-	-	272	319	-
Stage 1	-	-	-	-	-	-	619	-	-	662	614	-
Stage 2	-	-	-	-	-	-	608	-	-	532	585	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.4	34.8
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	286	630	-	-	1128	-	276	731
HCM Lane V/C Ratio	0.101	0.162	-	-	0.02	-	0.612	0.018
HCM Control Delay (s)	19	11.8	-	-	8.3	0	36.7	10
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	3.7	0.1

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	203	43	0	296	56	141	115	74	18	0	62
Future Vol, veh/h	96	203	43	0	296	56	141	115	74	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	203	43	0	296	56	141	115	74	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	16.2	19.4	12.8	11.5
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	32%	0%	0%	23%
Vol Thru, %	0%	61%	68%	0%	84%	0%
Vol Right, %	0%	39%	0%	100%	16%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	189	299	43	352	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	203	0	296	0
RT Vol	0	74	0	43	56	62
Lane Flow Rate	141	189	299	43	352	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.286	0.342	0.548	0.068	0.621	0.158
Departure Headway (Hd)	7.305	6.516	6.599	5.723	6.355	7.13
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	489	548	544	620	563	506
Service Time	5.096	4.306	4.385	3.508	4.439	5.13
HCM Lane V/C Ratio	0.288	0.345	0.55	0.069	0.625	0.158
HCM Control Delay	13	12.7	17.2	8.9	19.4	11.5
HCM Lane LOS	B	B	C	A	C	B
HCM 95th-tile Q	1.2	1.5	3.3	0.2	4.2	0.6

Intersection	
Int Delay, s/veh	1.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	201	40	265	40	4
Future Vol, veh/h	95	201	40	265	40	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	201	40	265	40	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	296	0	561	196
Stage 1	-	-	-	-	196	-
Stage 2	-	-	-	-	365	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1265	-	489	845
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	702	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1265	-	462	845
Mov Cap-2 Maneuver	-	-	-	-	462	-
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	663	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	13.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	482	-	-	1265	-
HCM Lane V/C Ratio	0.091	-	-	0.032	-
HCM Control Delay (s)	13.2	-	-	7.9	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	428	18	48	305	180	17	0	87	53	23	4
Future Vol, veh/h	0	428	18	48	305	180	17	0	87	53	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	428	18	48	305	180	17	0	87	53	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	448	0	0	863	-	448	829	849	305
Stage 1	-	-	-	-	-	-	448	-	-	401	401	-
Stage 2	-	-	-	-	-	-	415	-	-	428	448	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1112	-	0	275	0	611	290	298	735
Stage 1	0	-	-	-	-	0	590	0	-	626	601	-
Stage 2	0	-	-	-	-	0	615	0	-	605	573	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1091	-	-	241	-	599	238	277	735
Mov Cap-2 Maneuver	-	-	-	-	-	-	241	-	-	238	277	-
Stage 1	-	-	-	-	-	-	590	-	-	626	569	-
Stage 2	-	-	-	-	-	-	556	-	-	517	562	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	13.5	24.9
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	241	599	-	-	1091	-	249	735
HCM Lane V/C Ratio	0.071	0.145	-	-	0.044	-	0.305	0.005
HCM Control Delay (s)	21.1	12	-	-	8.5	0	25.7	9.9
HCM Lane LOS	C	B	-	-	A	A	D	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1.2	0

Intersection	
Intersection Delay, s/veh	43.7
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	140	60	0	353	41	243	37	26	39	0	408
Future Vol, veh/h	40	140	60	0	353	41	243	37	26	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	140	60	0	353	41	243	37	26	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	17.5	54.8	22.9	62.2
HCM LOS	C	F	C	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	22%	0%	0%	9%
Vol Thru, %	0%	59%	78%	0%	90%	0%
Vol Right, %	0%	41%	0%	100%	10%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	63	180	60	394	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	140	0	353	0
RT Vol	0	26	0	60	41	408
Lane Flow Rate	243	63	180	60	394	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.617	0.145	0.453	0.137	0.918	0.967
Departure Headway (Hd)	9.134	8.314	9.068	8.224	8.385	7.786
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	394	430	396	435	433	469
Service Time	6.902	6.082	6.84	5.995	6.417	5.815
HCM Lane V/C Ratio	0.617	0.147	0.455	0.138	0.91	0.953
HCM Control Delay	25.6	12.5	19.2	12.3	54.8	62.2
HCM Lane LOS	D	B	C	B	F	F
HCM 95th-tile Q	4	0.5	2.3	0.5	10.1	12

Intersection	
Int Delay, s/veh	5.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	69	4	114	213	27
Future Vol, veh/h	178	69	4	114	213	27
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	69	4	114	213	27

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	247	0	355	213
Stage 1	-	-	-	-	213	-
Stage 2	-	-	-	-	142	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1319	-	643	827
Stage 1	-	-	-	-	823	-
Stage 2	-	-	-	-	885	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1319	-	629	827
Mov Cap-2 Maneuver	-	-	-	-	629	-
Stage 1	-	-	-	-	823	-
Stage 2	-	-	-	-	866	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	13.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	646	-	-	1319	-
HCM Lane V/C Ratio	0.372	-	-	0.003	-
HCM Control Delay (s)	13.8	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	1.7	-	-	0	-

Intersection	
Int Delay, s/veh	6.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	348	14	24	306	48	30	0	106	129	16	14
Future Vol, veh/h	0	348	14	24	306	48	30	0	106	129	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	348	14	24	306	48	30	0	106	129	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	368	0	0	737	-	368	702	722	306
Stage 1	-	-	-	-	-	-	368	-	-	354	354	-
Stage 2	-	-	-	-	-	-	369	-	-	348	368	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1191	-	0	334	0	677	353	353	734
Stage 1	0	-	-	-	-	0	652	0	-	663	630	-
Stage 2	0	-	-	-	-	0	651	0	-	668	621	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1168	-	-	304	-	664	291	337	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	304	-	-	291	337	-
Stage 1	-	-	-	-	-	-	652	-	-	663	614	-
Stage 2	-	-	-	-	-	-	606	-	-	561	609	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.9	26.8
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	304	664	-	-	1168	-	295	734
HCM Lane V/C Ratio	0.099	0.16	-	-	0.021	-	0.492	0.019
HCM Control Delay (s)	18.1	11.4	-	-	8.1	0	28.4	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	2.6	0.1

Intersection	
Int Delay, s/veh	8.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	125	45	0	277	58	147	120	46	19	0	65
Future Vol, veh/h	100	125	45	0	277	58	147	120	46	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	125	45	0	277	58	147	120	46	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	355	0	-	-	-	0	464	680	63	649	651	188
Stage 1	-	-	-	-	-	-	325	325	-	326	326	-
Stage 2	-	-	-	-	-	-	139	355	-	323	325	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1200	-	0	0	-	-	481	372	988	355	386	822
Stage 1	-	-	0	0	-	-	661	648	-	661	647	-
Stage 2	-	-	0	0	-	-	850	628	-	663	648	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1177	-	-	-	-	-	411	332	988	223	344	806
Mov Cap-2 Maneuver	-	-	-	-	-	-	411	332	-	223	344	-
Stage 1	-	-	-	-	-	-	601	589	-	590	635	-
Stage 2	-	-	-	-	-	-	781	616	-	458	589	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3.8	0	19.2	13.5
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	411	407	1177	-	-	-	506
HCM Lane V/C Ratio	0.358	0.408	0.085	-	-	-	0.166
HCM Control Delay (s)	18.6	19.8	8.3	0.1	-	-	13.5
HCM Lane LOS	C	C	A	A	-	-	B
HCM 95th %tile Q(veh)	1.6	1.9	0.3	-	-	-	0.6

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	91	35	276	10	2
Future Vol, veh/h	99	91	35	276	10	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	91	35	276	10	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	190	0	511	145
Stage 1	-	-	-	-	145	-
Stage 2	-	-	-	-	366	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1384	-	523	902
Stage 1	-	-	-	-	882	-
Stage 2	-	-	-	-	702	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1384	-	498	902
Mov Cap-2 Maneuver	-	-	-	-	498	-
Stage 1	-	-	-	-	882	-
Stage 2	-	-	-	-	668	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	538	-	-	1384	-
HCM Lane V/C Ratio	0.022	-	-	0.025	-
HCM Control Delay (s)	11.8	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Future Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	424	19	50	253	187	18	0	91	44	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	444	0	0	811	-	444	777	797	253
Stage 1	-	-	-	-	-	-	444	-	-	353	353	-
Stage 2	-	-	-	-	-	-	367	-	-	424	444	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1116	-	0	298	0	614	314	319	786
Stage 1	0	-	-	-	-	0	593	0	-	664	631	-
Stage 2	0	-	-	-	-	0	653	0	-	608	575	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1095	-	-	262	-	602	256	296	786
Mov Cap-2 Maneuver	-	-	-	-	-	-	262	-	-	256	296	-
Stage 1	-	-	-	-	-	-	593	-	-	664	598	-
Stage 2	-	-	-	-	-	-	591	-	-	516	564	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	13.3	22.2
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	262	602	-	-	1095	-	269	786
HCM Lane V/C Ratio	0.069	0.151	-	-	0.046	-	0.253	0.005
HCM Control Delay (s)	19.8	12	-	-	8.4	0	22.9	9.6
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1	0

Intersection	
Int Delay, s/veh	19.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Future Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	113	62	0	231	43	253	39	15	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	294	0	-	-	-	0	313	491	57	433	470	157
Stage 1	-	-	-	-	-	-	197	197	-	273	273	-
Stage 2	-	-	-	-	-	-	116	294	-	160	197	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1264	-	0	0	-	-	616	477	997	507	490	861
Stage 1	-	-	0	0	-	-	786	737	-	710	683	-
Stage 2	-	-	0	0	-	-	876	668	-	826	737	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1240	-	-	-	-	-	298	451	997	445	464	845
Mov Cap-2 Maneuver	-	-	-	-	-	-	298	451	-	445	464	-
Stage 1	-	-	-	-	-	-	758	710	-	672	670	-
Stage 2	-	-	-	-	-	-	435	655	-	741	710	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.2	0	50.9	16.1
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	298	532	1240	-	-	-	783
HCM Lane V/C Ratio	0.849	0.102	0.034	-	-	-	0.595
HCM Control Delay (s)	59.1	12.5	8	0.1	-	-	16.1
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	7.3	0.3	0.1	-	-	-	4

Intersection	
Int Delay, s/veh	2.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	28	2	119	85	21
Future Vol, veh/h	185	28	2	119	85	21
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	28	2	119	85	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	213	0	342	199
Stage 1	-	-	-	-	199	-
Stage 2	-	-	-	-	143	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1357	-	654	842
Stage 1	-	-	-	-	835	-
Stage 2	-	-	-	-	884	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1357	-	640	842
Mov Cap-2 Maneuver	-	-	-	-	640	-
Stage 1	-	-	-	-	835	-
Stage 2	-	-	-	-	865	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	672	-	-	1357	-
HCM Lane V/C Ratio	0.158	-	-	0.001	-
HCM Control Delay (s)	11.4	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.6	-	-	0	-

Intersection	
Int Delay, s/veh	9.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Future Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	407	14	24	323	48	30	0	106	162	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	427	0	0	813	-	427	778	798	323
Stage 1	-	-	-	-	-	-	427	-	-	371	371	-
Stage 2	-	-	-	-	-	-	386	-	-	407	427	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1132	-	0	297	0	628	314	319	718
Stage 1	0	-	-	-	-	0	606	0	-	649	620	-
Stage 2	0	-	-	-	-	0	637	0	-	621	585	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1110	-	-	269	-	616	255	305	718
Mov Cap-2 Maneuver	-	-	-	-	-	-	269	-	-	255	305	-
Stage 1	-	-	-	-	-	-	606	-	-	649	604	-
Stage 2	-	-	-	-	-	-	592	-	-	514	574	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.9	42.2
HCM LOS			B	E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	269	616	-	-	1110	-	259	718
HCM Lane V/C Ratio	0.112	0.172	-	-	0.022	-	0.687	0.019
HCM Control Delay (s)	20.1	12.1	-	-	8.3	0	44.7	10.1
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.4	0.6	-	-	0.1	-	4.5	0.1

Intersection	
Int Delay, s/veh	9.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Future Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	216	45	0	312	58	147	120	79	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	390	0	-	-	-	0	572	806	108	729	777	205
Stage 1	-	-	-	-	-	-	416	416	-	361	361	-
Stage 2	-	-	-	-	-	-	156	390	-	368	416	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1165	-	0	0	-	-	403	314	925	311	327	802
Stage 1	-	-	0	0	-	-	585	590	-	630	624	-
Stage 2	-	-	0	0	-	-	831	606	-	624	590	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1143	-	-	-	-	-	342	278	925	172	289	787
Mov Cap-2 Maneuver	-	-	-	-	-	-	342	278	-	172	289	-
Stage 1	-	-	-	-	-	-	527	532	-	557	612	-
Stage 2	-	-	-	-	-	-	762	594	-	398	532	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.8	0	23.6	15.2
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	342	385	1143	-	-	-	435
HCM Lane V/C Ratio	0.43	0.517	0.087	-	-	-	0.193
HCM Control Delay (s)	23.2	23.9	8.5	0.2	-	-	15.2
HCM Lane LOS	C	C	A	A	-	-	C
HCM 95th %tile Q(veh)	2.1	2.9	0.3	-	-	-	0.7

Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	215	42	276	45	4
Future Vol, veh/h	99	215	42	276	45	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	215	42	276	45	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	314	0	587	207
Stage 1	-	-	-	-	207	-
Stage 2	-	-	-	-	380	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1246	-	472	833
Stage 1	-	-	-	-	828	-
Stage 2	-	-	-	-	691	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1246	-	445	833
Mov Cap-2 Maneuver	-	-	-	-	445	-
Stage 1	-	-	-	-	828	-
Stage 2	-	-	-	-	651	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.1	13.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	463	-	-	1246	-
HCM Lane V/C Ratio	0.106	-	-	0.034	-
HCM Control Delay (s)	13.7	-	-	8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0.1	-

Intersection	
Int Delay, s/veh	4.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Future Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	450	19	50	321	187	18	0	91	59	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	470	0	0	905	-	470	871	891	321
Stage 1	-	-	-	-	-	-	470	-	-	421	421	-
Stage 2	-	-	-	-	-	-	435	-	-	450	470	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1092	-	0	257	0	594	271	282	720
Stage 1	0	-	-	-	-	0	574	0	-	610	589	-
Stage 2	0	-	-	-	-	0	600	0	-	589	560	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1071	-	-	223	-	583	219	261	720
Mov Cap-2 Maneuver	-	-	-	-	-	-	223	-	-	219	261	-
Stage 1	-	-	-	-	-	-	574	-	-	610	555	-
Stage 2	-	-	-	-	-	-	538	-	-	497	549	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	14	28.3
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	223	583	-	-	1071	-	230	720
HCM Lane V/C Ratio	0.081	0.156	-	-	0.047	-	0.361	0.006
HCM Control Delay (s)	22.6	12.3	-	-	8.5	0	29.2	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	1.6	0

Intersection	
Int Delay, s/veh	36

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Future Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	154	62	0	374	43	253	39	30	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	437	0	-	-	-	0	425	675	77	597	654	229
Stage 1	-	-	-	-	-	-	238	238	-	416	416	-
Stage 2	-	-	-	-	-	-	187	437	-	181	238	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1119	-	0	0	-	-	513	374	968	387	385	774
Stage 1	-	-	0	0	-	-	744	707	-	585	590	-
Stage 2	-	-	0	0	-	-	797	578	-	803	707	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1098	-	-	-	-	-	~ 219	352	968	326	362	759
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 219	352	-	326	362	-
Stage 1	-	-	-	-	-	-	713	677	-	550	579	-
Stage 2	-	-	-	-	-	-	351	567	-	702	677	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.9	0	124.9	21
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	219	487	1098	-	-	-	680
HCM Lane V/C Ratio	1.155	0.142	0.038	-	-	-	0.685
HCM Control Delay (s)	155.2	13.6	8.4	0.1	-	-	21
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	12.1	0.5	0.1	-	-	-	5.4

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	5.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	83	5	119	228	29
Future Vol, veh/h	185	83	5	119	228	29
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	83	5	119	228	29

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	268	0	376	227
Stage 1	-	-	-	-	227	-
Stage 2	-	-	-	-	149	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1296	-	625	812
Stage 1	-	-	-	-	811	-
Stage 2	-	-	-	-	879	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1296	-	611	812
Mov Cap-2 Maneuver	-	-	-	-	611	-
Stage 1	-	-	-	-	811	-
Stage 2	-	-	-	-	859	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	14.6
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	629	-	-	1296	-
HCM Lane V/C Ratio	0.409	-	-	0.004	-
HCM Control Delay (s)	14.6	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	2	-	-	0	-

Intersection	
Intersection Delay, s/veh	19.1
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Future Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	407	14	24	323	48	30	0	106	162	16	14
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	24.1	18.4	11.3	14.9
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	7%	0%	91%	0%
Vol Thru, %	0%	0%	100%	0%	93%	0%	9%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	106	407	14	347	48	178	14
LT Vol	30	0	0	0	24	0	162	0
Through Vol	0	0	407	0	323	0	16	0
RT Vol	0	106	0	14	0	48	0	14
Lane Flow Rate	30	106	407	14	347	48	178	14
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.067	0.201	0.729	0.022	0.63	0.077	0.385	0.026
Departure Headway (Hd)	8.065	6.832	6.448	5.736	6.54	5.791	7.782	6.598
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	444	525	562	627	555	621	463	542
Service Time	5.819	4.585	4.16	3.447	4.253	3.505	5.53	4.346
HCM Lane V/C Ratio	0.068	0.202	0.724	0.022	0.625	0.077	0.384	0.026
HCM Control Delay	11.4	11.3	24.6	8.6	19.7	9	15.3	9.5
HCM Lane LOS	B	B	C	A	C	A	C	A
HCM 95th-tile Q	0.2	0.7	6.1	0.1	4.4	0.2	1.8	0.1

Intersection	
Intersection Delay, s/veh	13.7
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Future Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	216	45	0	312	58	147	120	79	19	0	65
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	13.2	14.1	14.1	12
HCM LOS	B	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	58%	0%	0%	0%	0%	23%
Vol Thru, %	0%	60%	42%	100%	0%	100%	64%	0%
Vol Right, %	0%	40%	0%	0%	100%	0%	36%	77%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	147	199	172	144	45	208	162	84
LT Vol	147	0	100	0	0	0	0	19
Through Vol	0	120	72	144	0	208	104	0
RT Vol	0	79	0	0	45	0	58	65
Lane Flow Rate	147	199	172	144	45	208	162	84
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.318	0.387	0.359	0.289	0.081	0.417	0.313	0.178
Departure Headway (Hd)	7.79	7.002	7.52	7.224	6.509	7.223	6.966	7.633
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	462	513	478	498	550	499	517	470
Service Time	5.529	4.74	5.262	4.965	4.25	4.963	4.706	5.385
HCM Lane V/C Ratio	0.318	0.388	0.36	0.289	0.082	0.417	0.313	0.179
HCM Control Delay	14.1	14.1	14.4	12.9	9.8	15.1	12.9	12
HCM Lane LOS	B	B	B	B	A	C	B	B
HCM 95th-tile Q	1.4	1.8	1.6	1.2	0.3	2	1.3	0.6

Intersection	
Intersection Delay, s/veh	17.5
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Future Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	450	19	50	321	187	18	0	91	59	24	4
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.2	14.9	10.7	12.1
HCM LOS	C	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	13%	0%	71%	0%
Vol Thru, %	0%	0%	100%	0%	87%	0%	29%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	91	450	19	371	187	83	4
LT Vol	18	0	0	0	50	0	59	0
Through Vol	0	0	450	0	321	0	24	0
RT Vol	0	91	0	19	0	187	0	4
Lane Flow Rate	18	91	450	19	371	187	83	4
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.039	0.167	0.741	0.028	0.609	0.266	0.178	0.007
Departure Headway (Hd)	7.829	6.6	5.928	5.22	5.906	5.129	7.707	6.625
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	456	541	608	684	608	698	464	537
Service Time	5.603	4.373	3.678	2.969	3.655	2.878	5.483	4.4
HCM Lane V/C Ratio	0.039	0.168	0.74	0.028	0.61	0.268	0.179	0.007
HCM Control Delay	10.9	10.7	23.8	8.1	17.5	9.7	12.2	9.4
HCM Lane LOS	B	B	C	A	C	A	B	A
HCM 95th-tile Q	0.1	0.6	6.4	0.1	4.1	1.1	0.6	0

Intersection	
Intersection Delay, s/veh	42.4
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Future Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	154	62	0	374	43	253	39	30	41	0	425
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	15.4	22.5	26.8	85.8
HCM LOS	C	C	D	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	45%	0%	0%	0%	0%	9%
Vol Thru, %	0%	57%	55%	100%	0%	100%	74%	0%
Vol Right, %	0%	43%	0%	0%	100%	0%	26%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	69	93	103	62	249	168	466
LT Vol	253	0	42	0	0	0	0	41
Through Vol	0	39	51	103	0	249	125	0
RT Vol	0	30	0	0	62	0	43	425
Lane Flow Rate	253	69	93	103	62	249	168	466
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.673	0.168	0.25	0.269	0.151	0.614	0.405	1.053
Departure Headway (Hd)	9.787	8.953	10.002	9.766	9.033	9.245	9.056	8.131
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	372	403	361	371	399	394	401	452
Service Time	7.487	6.653	7.702	7.466	6.733	6.945	6.756	5.799
HCM Lane V/C Ratio	0.68	0.171	0.258	0.278	0.155	0.632	0.419	1.031
HCM Control Delay	30.4	13.5	16	16	13.3	25.6	17.8	85.8
HCM Lane LOS	D	B	C	C	B	D	C	F
HCM 95th-tile Q	4.7	0.6	1	1.1	0.5	3.9	1.9	14.8

MEMORANDUM

To:	Rafael Fajardo City of Covina Department of Public Works	Date:	October 2, 2019
From:	Clare M. Look-Jaeger, P.E. Francesca S. Bravo Linscott, Law & Greenspan, Engineers	LLG Ref:	1-18-4275-2
Subject:	Kaiser Permanente Covina Medical Office Building Project – Supplemental Transportation Analysis		

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This memorandum has been prepared by Linscott, Law & Greenspan, Engineers (LLG) to summarize the supplemental transportation analysis prepared for the proposed Kaiser Permanente Covina Medical Office Building (MOB) project located in the City of Covina. LLG previously prepared the supplemental transportation analysis dated August 8, 2018 for the project. The transportation impact study was previously reviewed and approved by City staff. LLG has prepared this supplemental transportation analysis to evaluate the recent modifications to the proposed project.

LLG has prepared updated intersection Level of Service calculations for the study locations analyzed in the prior traffic impact study. Briefly, it is concluded that based on the supplemental transportation analysis, the proposed project is expected to result in a significant impact at two of the four study intersections, consistent with the prior transportation impact study. Thus, the overall results and conclusions of the prior transportation impact study remain valid.

Project Description

The project site is located at 1664 Park View Drive, on the east side of Park View Drive southeast of Holt Avenue. The proposed project consists of the development of a 3-story medical office building with a total of approximately 60,000 square feet of floor area. Additionally, the proposed project will include the construction of a 4-level parking structure with approximately 256 parking spaces and 71 surface parking spaces for a total of 327 parking spaces on-site. Vehicular access to the project site will be provided via three new driveways on Park View Drive. A drop-off/pick-up zone will be provided along the southern portion of the proposed medical office building. The revised project site plan is shown in ***Figure 1***.

Updated Project Trip Generation

The trip generation forecast for the project is summarized in ***Table 1***. It should be noted that the trip generation forecast has been updated utilizing the trip generation rates published in the current Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 10th Edition, 2017. As shown in *Table 1*, the proposed project is forecast to generate 167 vehicle trips (130 inbound trips and 37 outbound trips) during the AM peak hour and 208 vehicle trips (58 inbound trips and 150 outbound trips) during the PM peak hour. Over a 24-hour period, the proposed project is forecast to generate 2,088 daily trips (1,044 inbound trips and 1,044 outbound trips) during a typical weekday. The forecast project traffic volumes at the study

intersections for the weekday AM and PM peak hours are displayed in ***Figures 2*** and ***3***, respectively.

Updated Cumulative Projects List

The list of related projects has also been updated utilizing the trip generation rates published in the current Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 10th Edition, 2017. The list of related projects is summarized in ***Table 2***.

Updated Level of Service Analysis

The four study intersections evaluated in the prior traffic study were re-evaluated as part of the supplemental transportation analysis. The Intersection Capacity Utilization method was used to determine Volume-to-Capacity ratios and corresponding Levels of Service for the signalized study intersection. The *Highway Capacity Manual*[1] (HCM) was utilized to determine intersection delay values and corresponding Levels of Service for the unsignalized study intersections.

The relative impact of the added project traffic volumes to be generated by the proposed project during the AM and PM peak hours was evaluated based on analysis of existing and future operating conditions at the study intersections, without and with the proposed project. The previously discussed capacity analysis procedures were utilized to evaluate the future *v/c* relationships and service level characteristics at each study intersection.

Two of the four study intersections are located within the City of Covina. The two remaining study intersections are located within the City of West Covina. Each study intersection was evaluated for potential traffic impacts using the significant traffic impact criteria utilized in the jurisdiction of the intersection (e.g., study intersections in the City of Covina were evaluated for potential traffic impacts using the criteria of the City of Covina, etc.). The ICU and HCM data worksheets for the analyzed intersections during the AM and PM peak commuter hours are contained in the attached appendix.

Summaries of the *v/c* ratios and LOS values for the four study intersections evaluated for the proposed project during the AM and PM peak hours are shown in ***Table 3***. As summarized in *Table 3*, the proposed project is expected to result in a significant impact at one of the four study intersections (i.e., Intersection No. 3, I-10 Freeway WB Ramps/Holt Avenue) under the "Existing With Project" scenario. The existing with project traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figures 4*** and ***5***, respectively.

As summarized in *Table 3*, the proposed project is expected to result in a significant impact at two of the four study intersections under the "Future With Proposed Project" scenario, as shown below:

[1]*HCM2010 Highway Capacity Manual*, Transportation Research Board of the National Academies, 2010.

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

Incremental but not significant impacts are noted at the remaining study intersections. It should be noted that these results are consistent with the previously reported conclusions contained in the prior transportation impact study. The future without and with project traffic volumes at the study intersections during the weekday AM and PM peak hours are presented in ***Figures 6, 7, 8*** and ***9***, respectively.

Updated California Department of Transportation Analysis

The two ramp study intersections evaluated in the prior traffic study were re-evaluated as part of the supplemental transportation analysis. The intersection and queuing analyses for the two ramp study intersections were prepared utilizing the *Synchro 10* software package which implements the HCM 2010 Highway Capacity Manual operational analysis methodologies.

Table 4 summarizes the intersection analyses for the existing, existing with project, and Year 2022 future conditions (i.e., Opening Year) both without and with the proposed project. As shown in *Table 4,* application of the Caltrans LOS standards and guidelines to the "Existing With Project" and "Year 2022 With Project" scenarios indicate that the proposed project could be expected to result in impacts at the subject intersections during the peak hours shown below.

- Int. No. 2: I-10 Freeway EB Ramps/Holt Avenue: Weekday AM Peak Hour
- Int. No. 3: I-10 Freeway WB Ramps/Holt Avenue: Weekday PM Peak Hour

As presented in ***Table 5***, adequate 85th percentile storage areas are provided to accommodate the forecast 95th percentile queues at the off-ramp locations under all analysis conditions. Therefore, vehicle queuing back onto the I-10 Freeway mainline travel lanes is not expected. The corresponding weekday AM and PM peak hour HCM worksheets are contained in the *Appendix*.

Transportation Improvement Measures

The following paragraphs summarize the recommended transportation mitigation measures for the subject study intersections.

<u>Intersection No. 2: I-10 Freeway EB Ramps/Holt Avenue (City of West Covina)</u>

The recommended improvement at this intersection consists of the conversion of two-way stop control to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound and westbound approaches. As shown in *Table 3*, the recommended mitigation measure is expected to reduce the forecast cumulative

impact to less than significant levels by reducing overall delays and improving the intersection LOS. In addition, the City of West Covina has concurred with this mitigation measure.

Intersection No. 3: I-10 Freeway WB Ramps/Holt Avenue (City of Covina)

By way of background, this intersection was operating under two-way stop control (i.e., Holt Avenue eastbound and westbound traffic was not required to stop) prior to commencement of construction activities associated with the I-10 Freeway HOV Lane improvement project. Prior to the construction, two through travel lanes were also provided along Holt Avenue at this intersection. During construction of the I-10 Freeway improvement project, however, the intersection was converted to all-way stop control and the through travel lanes along Holt Avenue were reduced to one in each direction. Since the I-10 Freeway HOV Lane improvement project is expected to be completed in Year 2021, the analysis of "Future Without Project" and "Future With Project" (Year 2022) conditions was based on the type of traffic control and lanes prior to the construction activities associated with the I-10 Freeway improvement project.

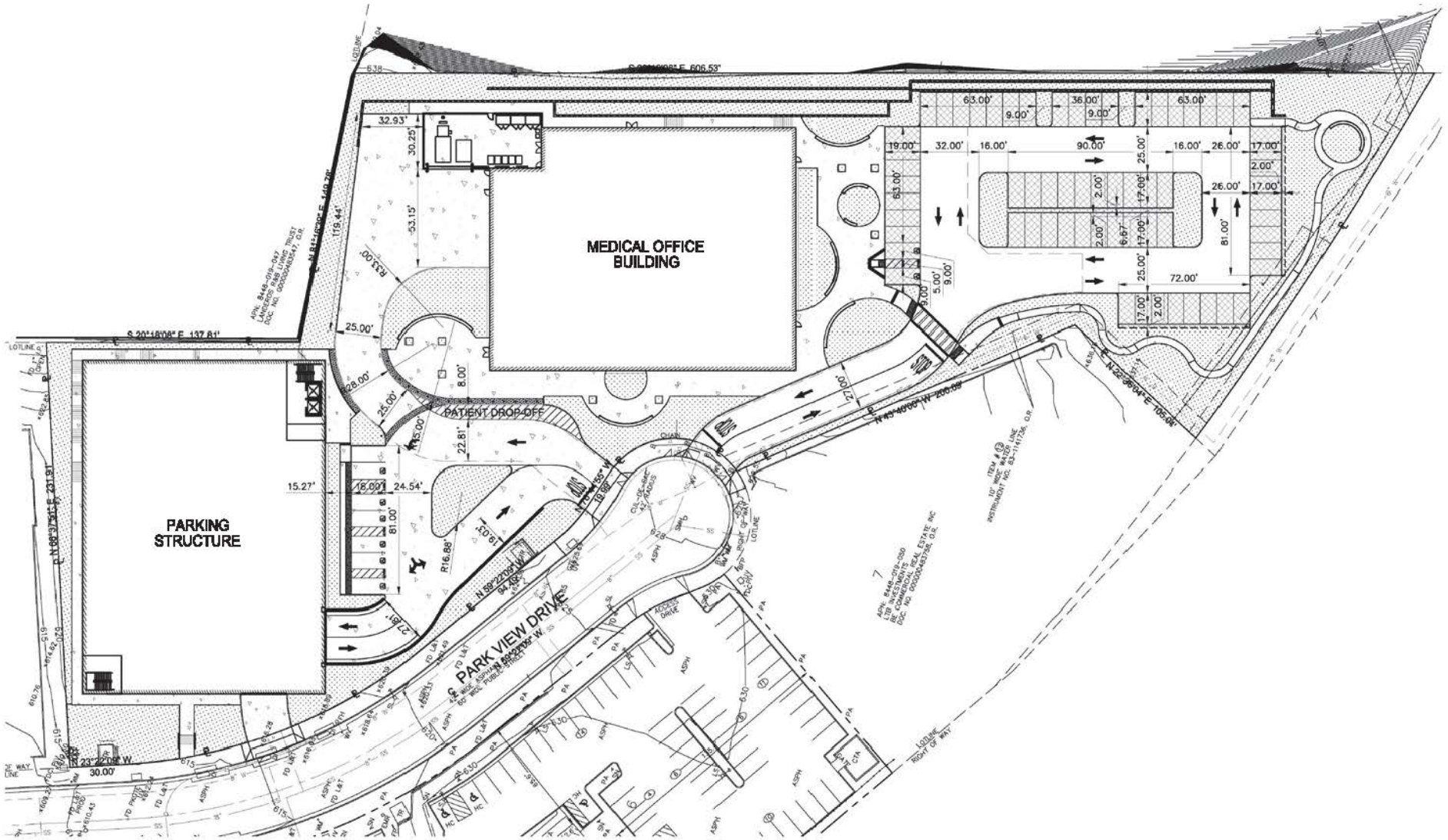
The recommended improvement at this intersection consists of the conversion of two-way stop control (i.e., the type of traffic control prior to the I-10 Freeway construction project) to all-way stop-control. Stop signs would need to be installed on the Holt Avenue eastbound and westbound approaches. As noted above, the intersection is currently operating under all-way stop control during construction of the I-10 Freeway improvement project. As shown in *Table 3*, the recommended mitigation measure is expected to reduce the forecast cumulative and project impact to less than significant levels by reducing overall delays and improving the intersection LOS.

Summary

Based on application of the City's threshold criteria, it is concluded that the proposed Kaiser Permanente Covina MOB project is expected to result in a significant impact at two of the four study intersections, consistent with the prior transportation impact study. Thus, the overall results and conclusions of the prior transportation impact study remain valid.

Please feel free to contact us should you have any questions or comments regarding this supplemental transportation analysis.

Attachments



SOURCE: CANNON DESIGN

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FIGURE 1
SITE PLAN

LINSCOTT, LAW & GREENSPAN, engineers

KAISER PERMANENTE COVINA MOB PROJECT

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Table 1
PROJECT TRIP GENERATION [1]

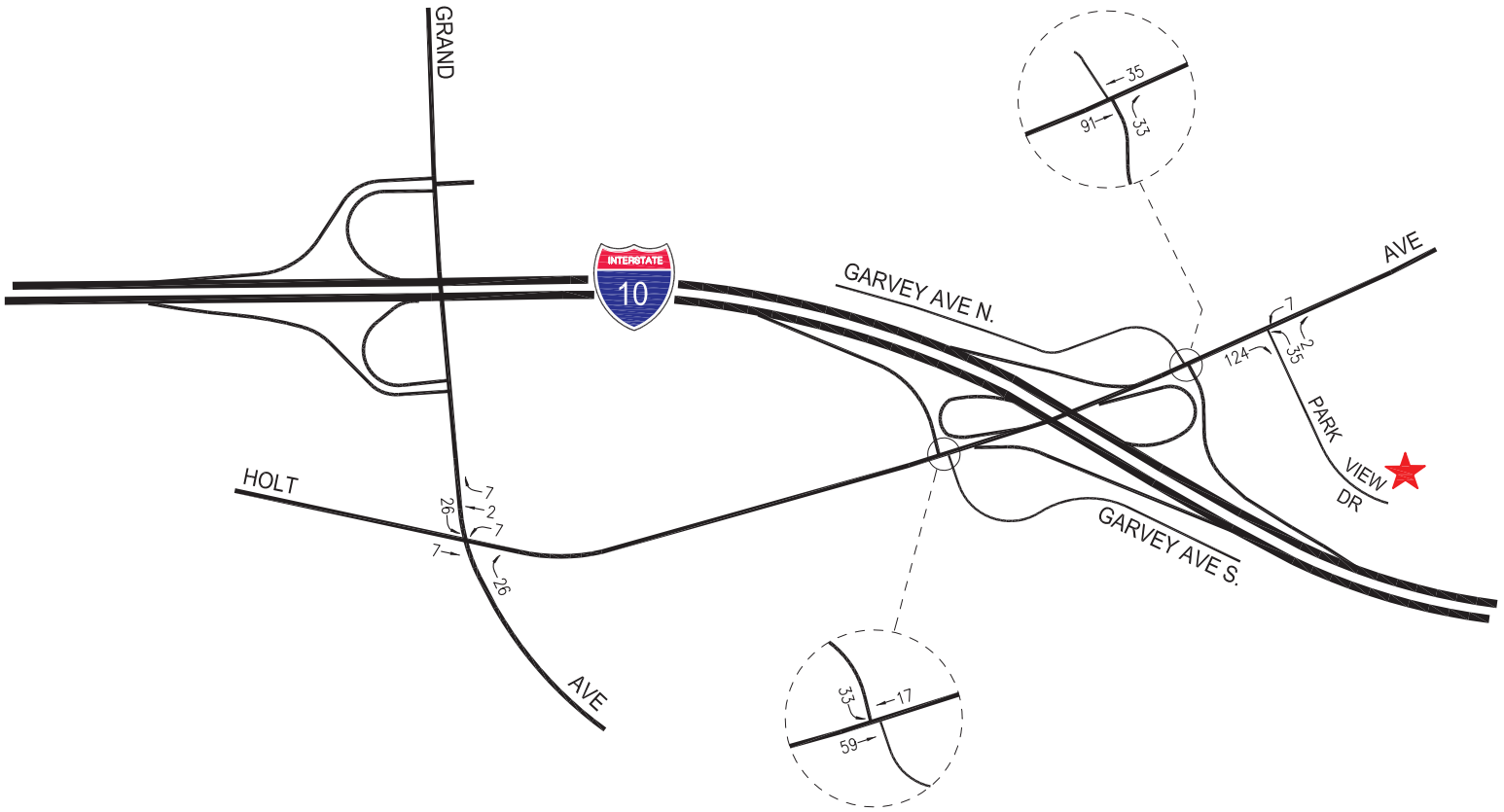
LAND USE	SIZE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			IN	OUT	TOTAL	IN	OUT	TOTAL
Medical Office Building [3]	60,000 GSF	2,088	130	37	167	58	150	208
TOTAL		**2,088**	**130**	**37**	**167**	**58**	**150**	**208**

[1] Source: ITE "Trip Generation Manual", 10th Edition, 2017.

[2] Trips are one-way traffic movements, entering or leaving.

[3] ITE Land Use Code 720 (Medical-Dental Office Building) trip generation average rates.

- Daily Trip Rate: 34.80 trips/1,000 SF of floor area; 50% inbound/50% outbound
- AM Peak Hour Trip Rate: 2.78 trips/1,000 SF of floor area; 78% inbound/22% outbound
- PM Peak Hour Trip Rate: 3.46 trips/1,000 SF of floor area; 28% inbound/72% outbound



PROJECT SITE

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FIGURE 2
PROJECT TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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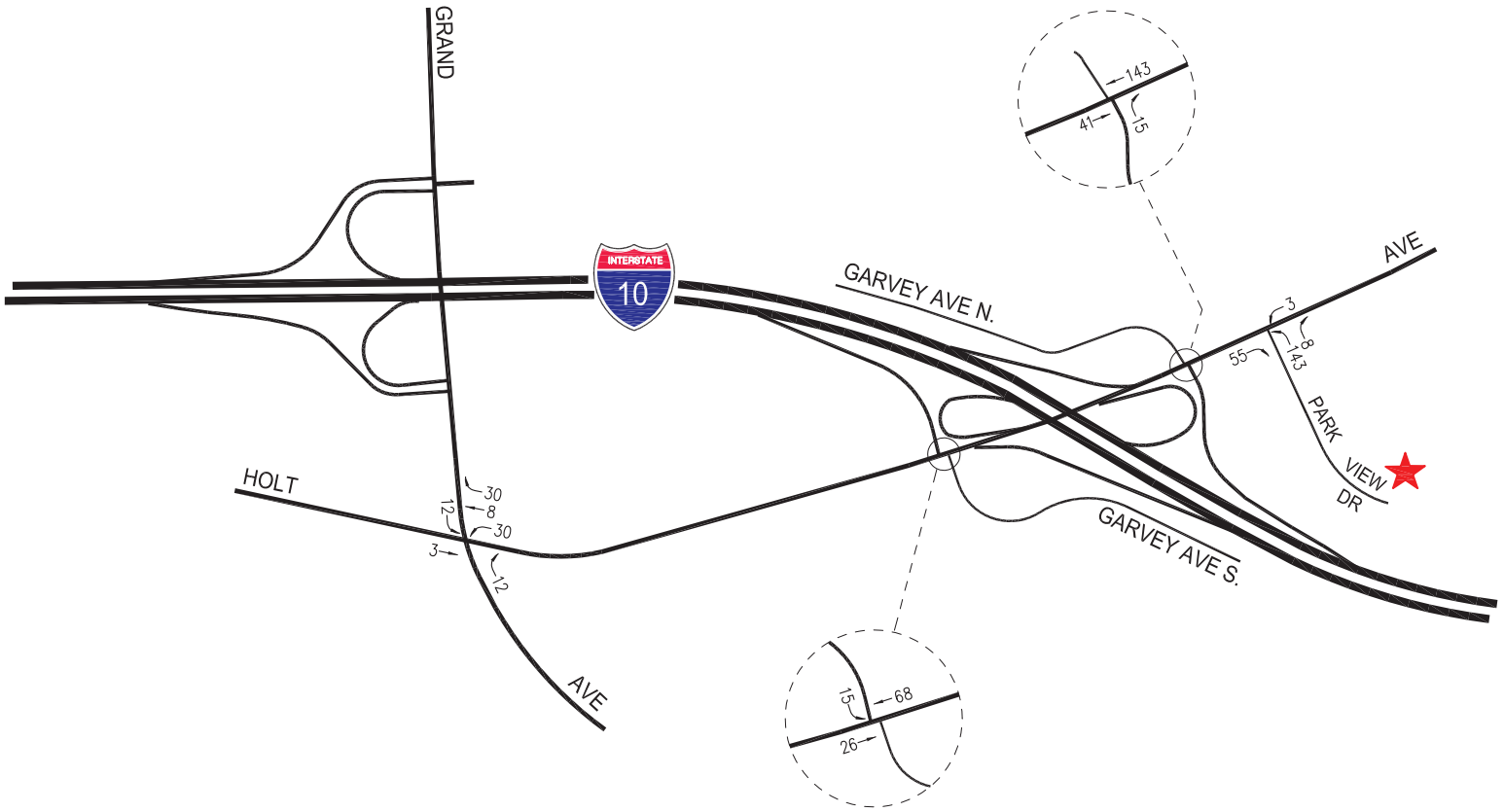

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PROJECT SITE

FIGURE 3
PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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Table 2
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE			IN	OUT	TOTAL	IN	OUT	TOTAL
City of Covina												
1	Approved	City Ventures Covina 3 400 Block North Citrus Avenue	Condominium Retail	68 DU 5,794 GLSF	[3] [4]	498 219	7 3	24 2	31 5	24 11	14 11	38 22
2	Proposed	Covina Townhomes (Site A) Project Northwest corner of San Bernardino Road and Citrus Avenue	Townhome Restaurant Retail	161 DU 3,800 GSF 13,500 GLSF	[5]	1,700	36	72	108	87	58	145
3	Proposed	Covina Assembly of God 250 East San Bernardino Road	Church Addition	9,400 GSF	[6]	65	2	1	3	2	3	5
4	Under Construction	800 North Banna Avenue	Single-Family Residential Public Park	63 DU 2 Acres	[7] [8]	595 2	12 0	35 0	47 0	39 0	23 0	62 0
5	Approved	1732 East Ruddock Street	Single-Family Residential	4 DU	[7]	38	1	2	3	3	1	4
6	Under Construction	777 Enda Place	Light Industrial	99,272 GSF	[9]	492	61	8	69	8	55	63
7	Proposed	Southeast Corner of Park View Drive and Holt Avenue	Assisted Living	94 Occ. Beds	[10]	389	12	5	17	14	13	27
8	Graded	1162 North Citrus Avenue	Condominium Retail Office Event Center	117 DU 4,800 GLSF 15,000 GSF 25,000 GSF	[3] [4] [11] [12]	856 181 146 721	12 3 15 29	42 2 2 15	54 5 17 44	42 9 3 27	24 9 14 31	66 18 17 58
9	Under Construction	1650 East Old Badillo	Assisted Living	32 Occ. Beds	[10]	132	4	2	6	5	4	9
10	Approved	276 West Dexter Street	Condominium	3 DU	[3]	22	0	1	1	1	1	2
11	Under Construction	172 East Center Street	Apartment	5 DU	[3]	37	0	2	2	2	1	3
12	Approved	525 South Citrus Avenue	Retail/Office Fast-Food Restaurant	5,900 GLSF 5,000 GSF	[4] [13]	223 2,355	4 103	2 98	6 201	11 85	11 78	22 163

Table 2 (Continued)
RELATED PROJECTS LIST AND TRIP GENERATION [1]

MAP NO.	PROJECT STATUS	PROJECT NAME/NUMBER ADDRESS/LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2]	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			LAND-USE	SIZE		VOLUMES	IN	OUT	TOTAL	IN	OUT	TOTAL
13a 13b	Proposed	Covina Townhomes Project 401 North Citrus Avenue (Site B1) 129-137 West Orange Street (Site B2) Northeast corner of 2nd Street and San Bernardino Road (Site C)	Office Retail Townhomes	1,030 GSF 3,370 GLSF 18 DU	[14]	219	6	7	13	11	10	21
14	Approved	1680 West San Bernardino Road	Gas Station with Convenience Store	2,350 GSF	[15]	3,384	91	88	179	106	102	208
City of West Covina												
15	Proposed	524 South Barranca Street	Single-Family Residential	4 DU	[7]	38	1	2	3	3	1	4
TOTAL						**12,312**	**402**	**412**	**814**	**493**	**464**	**957**

[1] Sources: City of Covina Community Development Department and City of West Covina Planning Department. Trip generation for the related projects are based on ITE "Trip Generation Manual", 10th Edition, 2017 (as referenced in the Project Data Source column), except as noted.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 220 (Multifamily Housing (Low-Rise) trip generation average rates.
[4] ITE Land Use Code 820 (Shopping Center) trip generation average rates.
[5] Source: "Covina Townhomes (Site A) Project Traffic Impact Study", prepared by LLG Engineers, May 9, 2018.
[6] ITE Land Use Code 560 (Church) trip generation average rates.
[7] ITE Land Use Code 210 (Single-Family Residential) trip generation average rates.
[8] ITE Land Use Code 411 (City Park) trip generation average rates.
[9] ITE Land Use Code 110 (Light Industrial) trip generation average rates.
[10] ITE Land Use Code 254 (Assisted Living) trip generation average rates.
[11] ITE Land Use Code 710 (General Office) trip generation average rates.
[12] ITE Land Use Code 495 (Recreational Community Center) trip generation average rates.
[13] ITE Land Use Code 934 (Fast-Food Restaurant with Drive-Through) trip generation average rates.
[14] Source: "Covina Townhomes Project Traffic Impact Study", prepared by LLG Engineers, October 9, 2017.
[15] ITE Land Use Code 945 (Gasoline/Service Station with Convenience Market) trip generation average rates.

Table 3
SUMMARY OF VOLUME TO CAPACITY RATIOS
AND LEVELS OF SERVICE
WEEKDAY AM AND PM PEAK HOURS

			[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	PEAK HOUR	YEAR 2018 EXISTING V/C or DELAY	LOS	YEAR 2018 EXISTING W/ PROJECT V/C or Delay	LOS	CHANGE V/C or DELAY [(2)-(1)]	SIGNIF. IMPACT	YEAR 2022 FUTURE PRE-PROJECT V/C or DELAY	LOS	YEAR 2022 FUTURE W/ PROJECT V/C or DELAY	LOS	CHANGE V/C or DELAY [(4)-(3)]	SIGNIF. IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION V/C or DELAY	LOS [a]	CHANGE V/C or DELAY [(5)-(4)]	MITIGATED
1	Grand Avenue/	AM	0.716	C	0.725	C	0.009	No	0.743	C	0.752	C	0.009	No	---	---	---	---
	Holt Avenue [a]	PM	0.612	B	0.640	B	0.028	No	0.638	B	0.666	B	0.028	No	---	---	---	---
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	23.5	C	34.8	D	0.058	No	26.8	D	42.2	E	0.058	Yes	19.1	C	-7.7	Yes
	Holt Avenue [a], [c]	PM	20.0	C	24.9	C	0.026	No	22.2	C	28.3	D	0.025	No	---	---	---	---
		AM	0.410		0.468				0.434		0.492				---			
		PM	0.409		0.435				0.431		0.456				---			
3	I-10 Freeway WB Ramps-Garvey Street/	AM	13.1	B	15.9	C	2.8	No	19.2	C	23.6	C	4.4	No	---	---	---	---
	Holt Avenue [b], [d]	PM	21.2	C	43.7	E	22.5	Yes	50.9	F	>80.0	F	[e]	Yes	42.4	E	-8.5	Yes
4	Park View Drive/	AM	11.2	B	13.2	B	2.0	No	11.8	B	13.7	B	1.9	No	---	---	---	---
	Holt Avenue [b], [c]	PM	10.9	B	13.8	B	2.9	No	11.4	B	14.6	B	3.2	No	---	---	---	---

[a] The City of West Covina intersection impact threshold criteria is as follows:

Level of Service	Pre-Project V/C	Incremental Increase in V/C
D/E/F	> 0.800	equal to or greater than 0.020

[b] The City of Covina intersection impact threshold criteria is as follows:

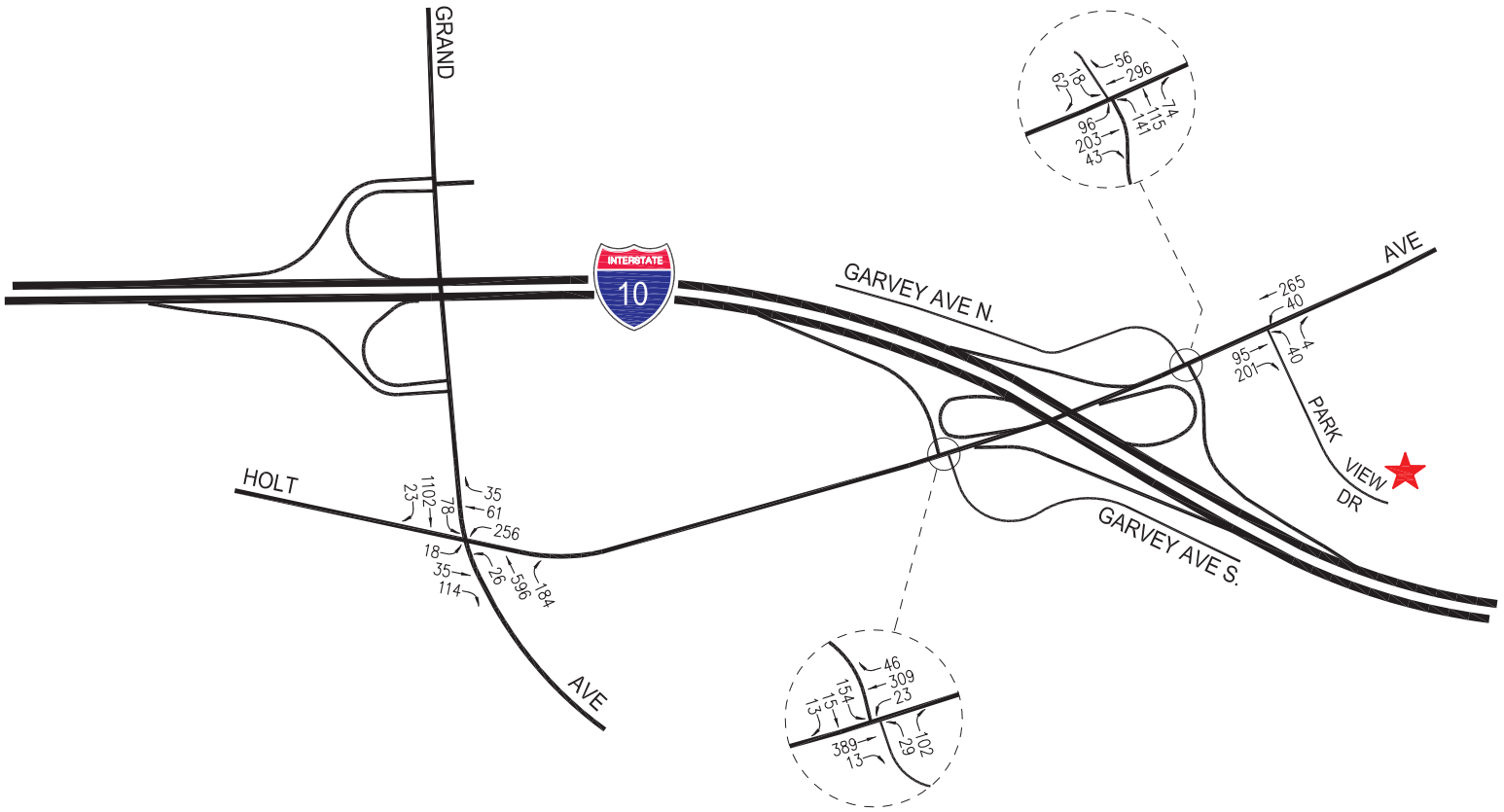
Signalized intersections:

Level of Service	Pre-Project V/C	Project-Related Increase in V/C
C	> 0.700 - 0.800	equal to or greater than 0.040
D	> 0.800 - 0.900	equal to or greater than 0.020
E/F	> 0.900	equal to or greater than 0.010

Unsignalized intersections:

Level of Service	Pre-Project Delay	Project-Related Increase in Delay
A/B/C	≤ 25.0 sec.	LOS D or worse
D/E/F	> 25.0 sec.	equal to or greater than 5.0 seconds

[c] Unsignalized intersection. Two-way stop controlled.
[d] Unsignalized intersection. All-way stop controlled.
[e] Oversaturated Conditions.



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PROJECT SITE

FIGURE 4

EXISTING WITH PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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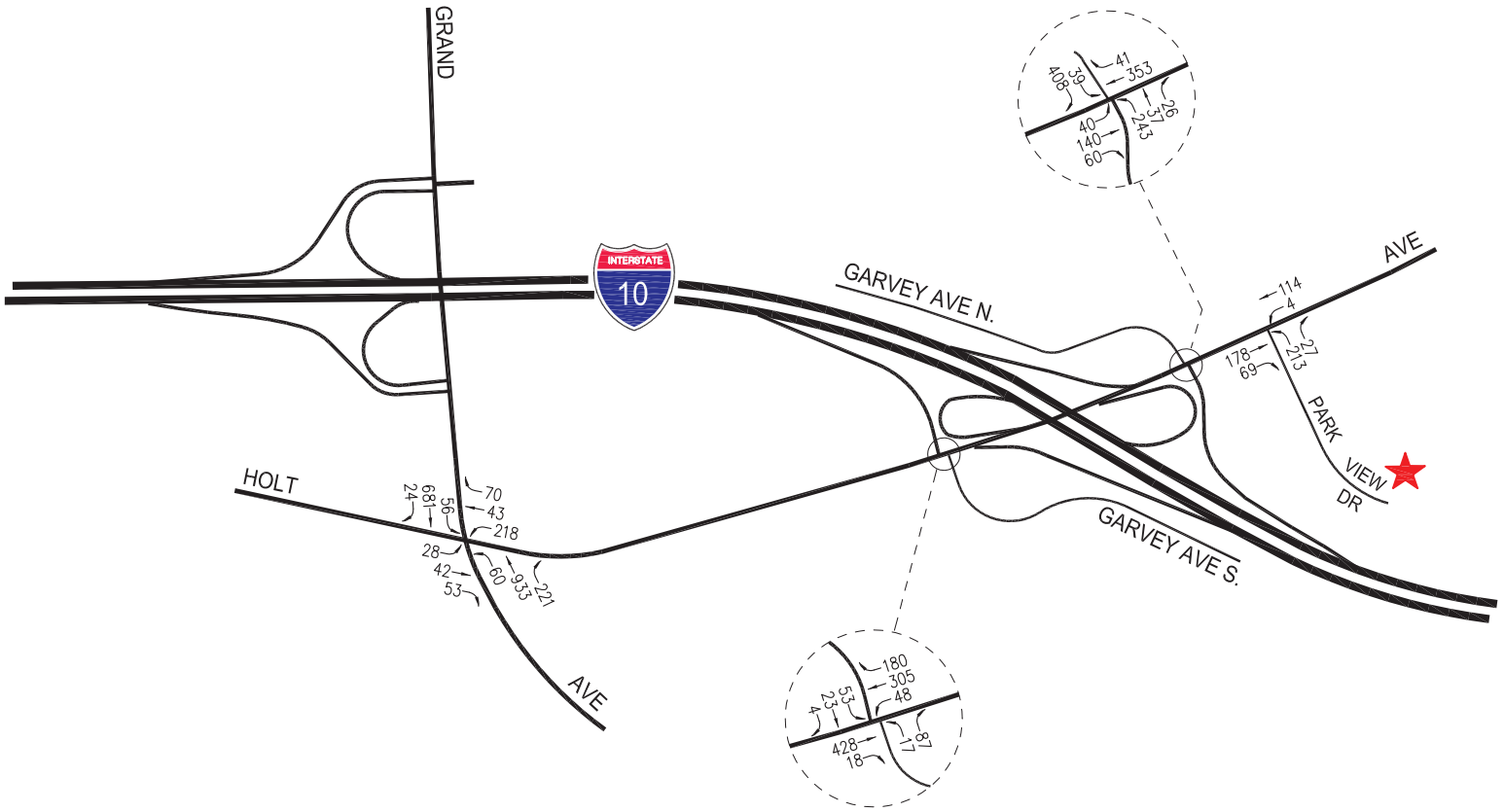

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FIGURE 5
EXISTING WITH PROJECT TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR
KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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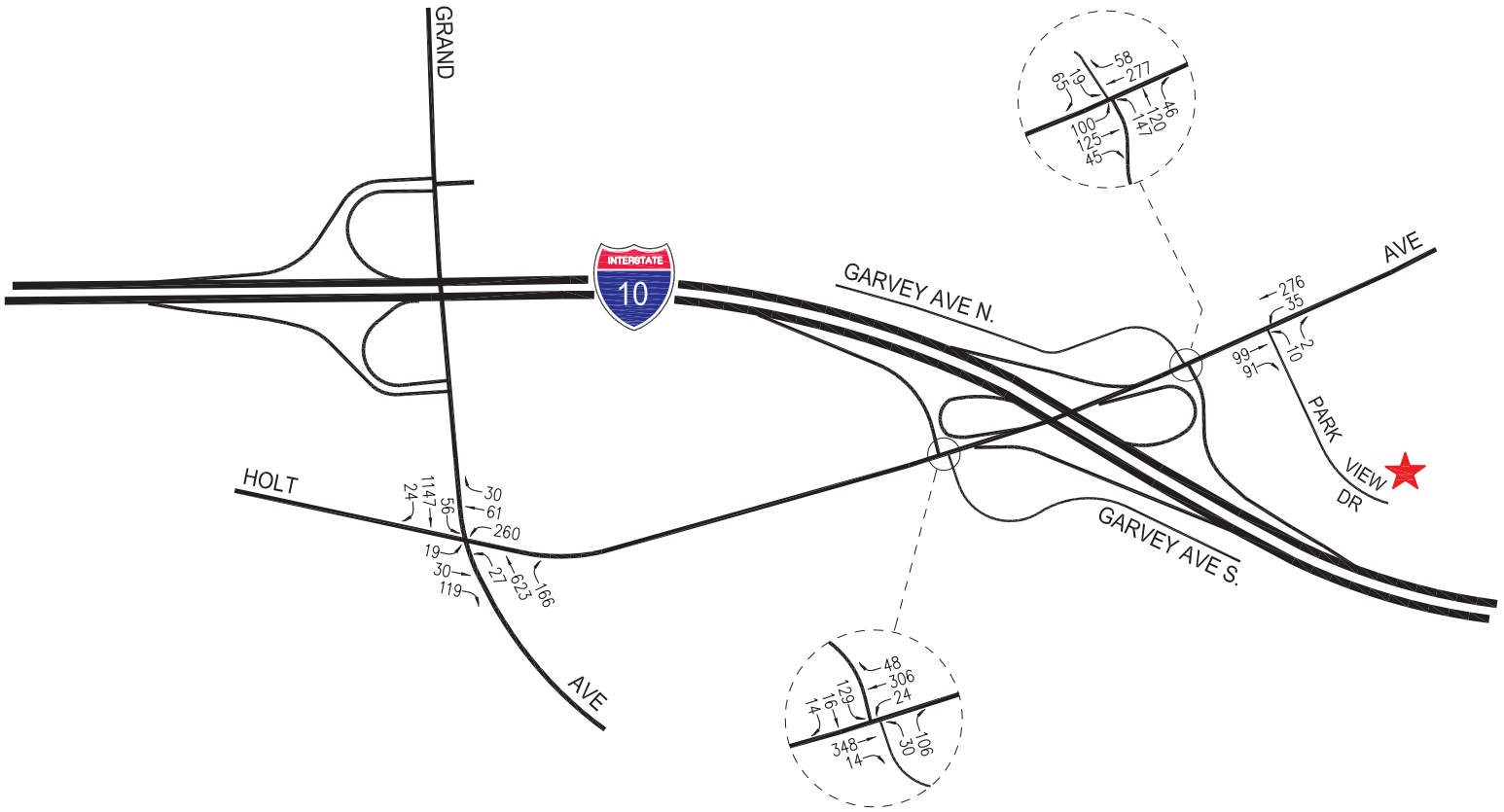

PROJECT SITE

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FIGURE 6

FUTURE WITHOUT PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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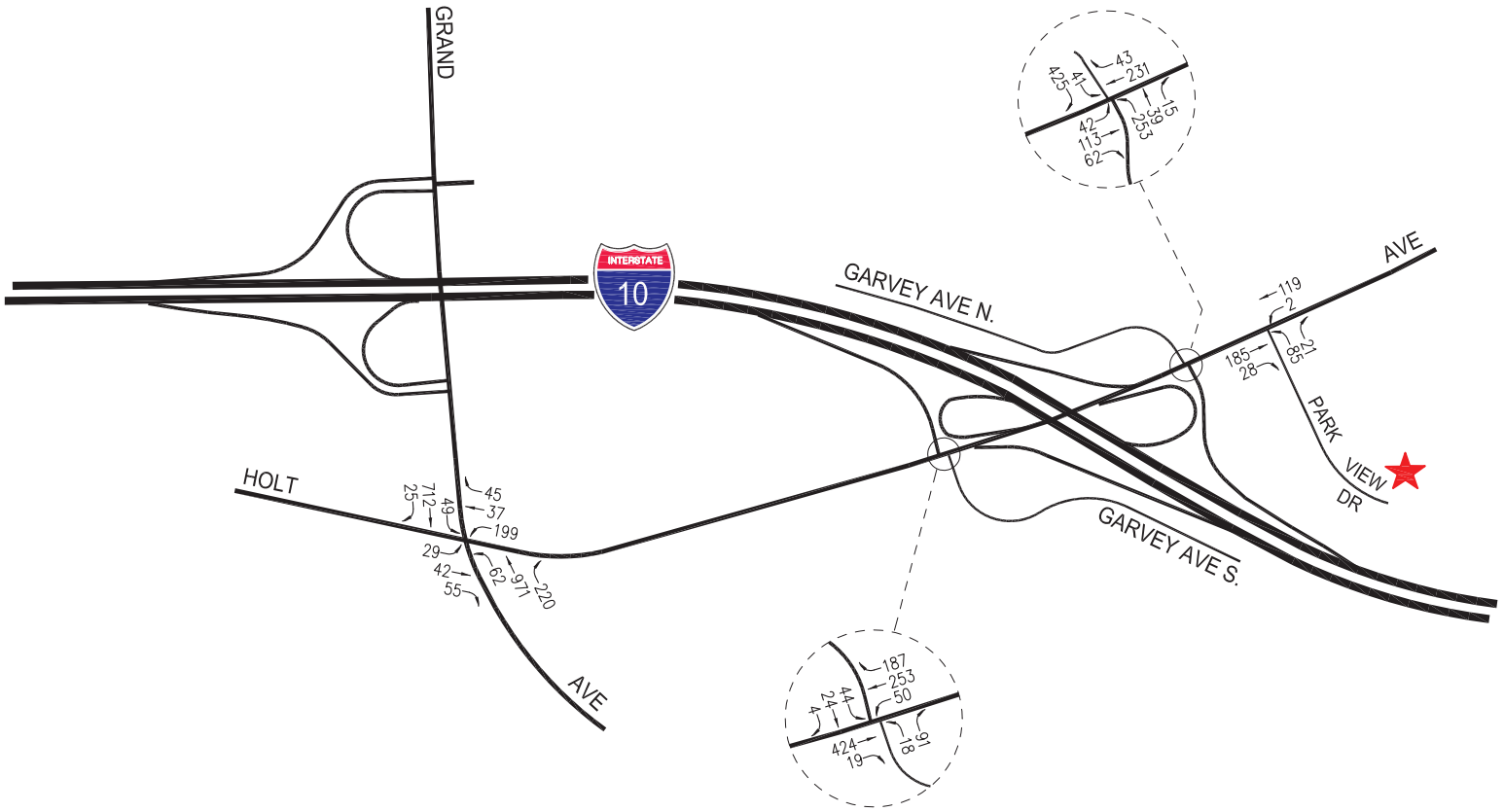

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FIGURE 7

FUTURE WITHOUT PROJECT TRAFFIC VOLUMES

WEEKDAY PM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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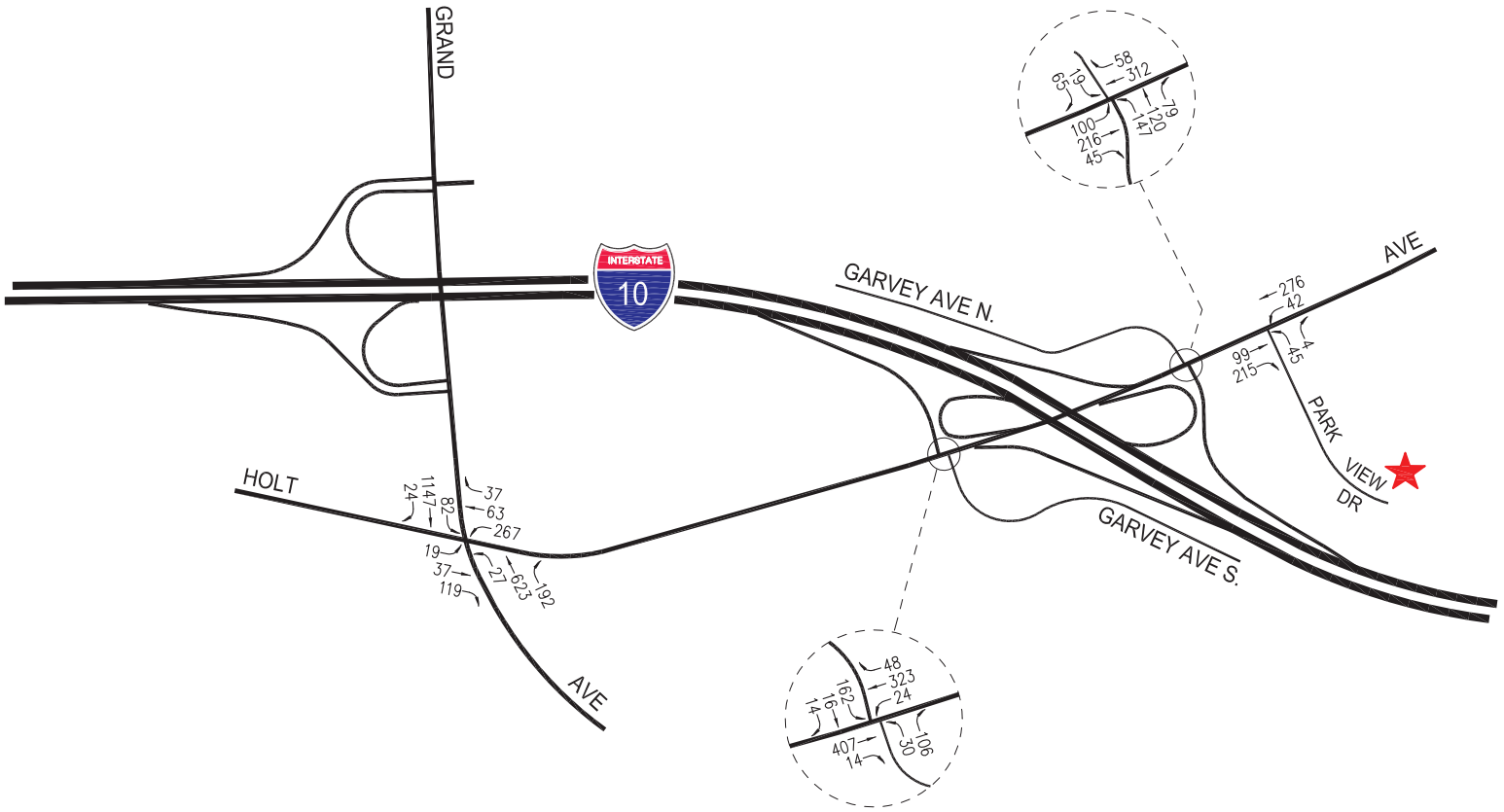

PROJECT SITE

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FIGURE 8

FUTURE WITH PROJECT TRAFFIC VOLUMES

WEEKDAY AM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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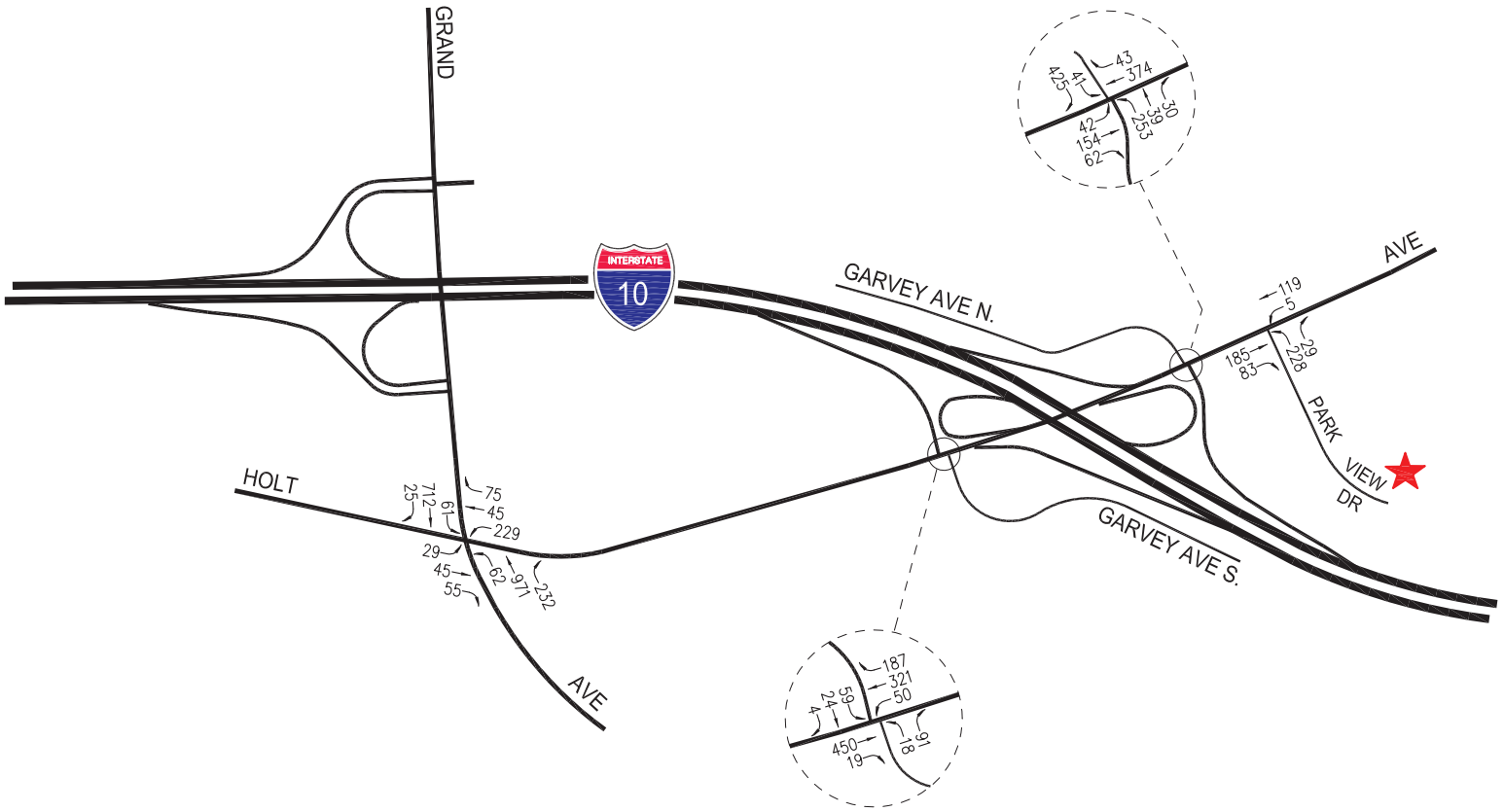

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PROJECT SITE

FIGURE 9

FUTURE WITH PROJECT TRAFFIC VOLUMES

WEEKDAY PM PEAK HOUR

KAISER PERMANENTE COVINA MOB PROJECT

LINSCOTT, LAW & GREENSPAN, engineers

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Table 4
CALTRANS INTERSECTION IMPACT ANALYSIS [a]

				[1]		[2]				[3]		[4]				[5]			
NO.	INTERSECTION	TRAFFIC CONTROL	PEAK HOUR	YEAR 2018 EXISTING DELAY [b]	LOS [c]	YEAR 2018 EXISTING W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(2)-(1)]	IMPACT	YEAR 2022 FUTURE PRE-PROJECT W/ AM. GROW. & REL. PROJ. DELAY [b]	LOS [c]	YEAR 2022 FUTURE W/ PROJECT DELAY [b]	LOS [c]	CHANGE IN DELAY [(4)-(3)]	IMPACT	YEAR 2022 FUTURE W/ PROJECT MITIGATION DELAY [b]	LOS [c]	CHANGE IN DELAY [(5)-(3)]	MITIGATED
2	I-10 Freeway EB Ramps-Garvey Avenue S./ Holt Avenue	TWSC	AM	23.5	C	34.8	D	11.3	No	26.8	D	42.2	E	15.4	Yes	19.1	C	-7.7	Yes
			PM	20.0	C	24.9	C	4.9	No	22.2	C	28.3	D	6.1	No	---	---	---	---
3	I-10 Freeway WB Ramps-Garvey Street/ Holt Avenue	AWSC	AM	13.1	B	15.9	C	2.8	No	19.2	C	23.6	C	4.4	No	---	---	---	---
			PM	21.2	C	43.7	E	22.5	Yes	50.9	F	>80.0	F	[d]	Yes	42.4	E	-8.5	Yes

[a] Intersection analysis based on the Highway Capacity Manual operational analysis methodologies per the Caltrans' *Guide for the Preparation of Traffic Impact Studies, December 2002.*

[b] Reported control delay values in seconds per vehicle. For two-way stop controlled intersections, reported control delay values represent the delays associated with the most constrained approach of the intersection.

[c] Unsignalized Intersection Levels of Service are based on the following criteria:

Control Delay (s/veh)	LOS
<= 10	A
> 10-15	B
> 15-25	C
> 25-35	D
> 35-50	E
> 50	F

[d] Oversaturated Conditions.

Table 5
SUMMARY OF OFF-RAMP VEHICLE QUEUING ANALYSIS [1]
WEEKDAY AM AND PM PEAK HOURS

NO.	INTERSECTION	PEAK HOUR	85th PERCENTILE AVAILABLE OFF-RAMP STORAGE [2] (FEET)	EXISTING YEAR 2018		EXISTING YEAR 2018 WITH PROJECT		FUTURE YEAR 2022 WITHOUT PROJECT		FUTURE YEAR 2022 WITH PROJECT	
				95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)	95th PERCENTILE QUEUE [3] (FEET)	EXCEEDS 85th PERCENTILE STORAGE? (YES/NO)
2	I-10 Freeway EB Ramps-Garvey Avenue S./	AM	1,060	55	No	95	No	68	No	115	No
	Holt Avenue	PM	1,060	25	No	30	No	25	No	40	No
3	I-10 Freeway WB Ramps-Garvey Street/	AM	1,180	55	No	68	No	88	No	125	No
	Holt Avenue	PM	1,180	80	No	113	No	190	No	315	No

[1] Refer to calculation worksheets in Appendix D.

[2] Available storage represents 85 percent of storage space as measured via Caltrans Earth, 2017.

[3] The 95th percentile queue is the maximum back of queue with 95th percentile traffic volumes. An average vehicle length of 25 feet (including vehicle separation) was assumed for analysis purposes. A minimum of 25 feet (i.e., one vehicle) was reported for queues of less than 25 feet. Refer to Appendix Table D-1 for calculation of peak hour off-ramp queuing.

APPENDIX

ICU AND HCM LEVELS OF SERVICE EXPLANATION
ICU AND HCM DATA WORKSHEETS
WEEKDAY AM AND PM PEAK HOURS

CALTRANS ANALYSIS WORKSHEETS

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Peak hr: AM
Annual Growth: 1.00%

Date: 8/1/2019
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	26	1600	0.016 *	0	26	1600	0.016 *	0	26	1600	0.016 *	0	27	1600	0.017 *	0	27	1600	0.017 *
NB Thru	596	3200	0.186	0	596	3200	0.186	0	596	3200	0.186	3	623	3200	0.195	0	623	3200	0.195
NB Right	158	1600	0.099	26	184	1600	0.115	0	184	1600	0.115	2	166	1600	0.104	26	192	1600	0.120
SB Left	52	1600	0.033	26	78	1600	0.049	0	78	1600	0.049	2	56	1600	0.035	26	82	1600	0.051
SB Thru	1102	3200	0.344 *	0	1102	3200	0.344 *	0	1102	3200	0.344 *	0	1147	3200	0.358 *	0	1147	3200	0.358 *
SB Right	23	1600	0.014	0	23	1600	0.014	0	23	1600	0.014	0	24	1600	0.015	0	24	1600	0.015
EB Left	18	0	0.011	0	18	0	0.011	0	18	0	0.011	0	19	0	0.012	0	19	0	0.012
EB Thru	28	1600	0.100 *	7	35	1600	0.104 *	0	35	1600	0.104 *	1	30	1600	0.105 *	7	37	1600	0.109 *
EB Right	114	0	0.000	0	114	0	0.000	0	114	0	0.000	0	119	0	0.000	0	119	0	0.000
WB Left	249	1600	0.156 *	7	256	1600	0.160 *	0	256	1600	0.160 *	1	260	1600	0.163 *	7	267	1600	0.167 *
WB Thru	59	1600	0.037	2	61	1600	0.038	0	61	1600	0.038	0	61	1600	0.038	2	63	1600	0.039
WB Right	28	1600	0.018	7	35	1600	0.022	0	35	1600	0.022	1	30	1600	0.019	7	37	1600	0.023
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.716				0.725				0.725				0.743				0.752
LOS			C				C				C				C				C

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

Grand Avenue @ Holt Avenue
Peak hr: PM
Annual Growth: 1.00%

N-S St: Grand Avenue
E-W St: Holt Avenue
Project: Kaiser Permanente Covina MOB Project/1-18-4275-1
File: ICU1

Date: 8/1/2019
Date of Count: 2018
Projection Year: 2022

	2018 EXISTING TRAFFIC			2018 EXISTING WITH PROJECT				2018 EXISTING W/ PROJECT + MITIGATION				2022 FUTURE PRE-PROJECT				2022 FUTURE WITH PROJECT			
Movement	1 Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio	Added Rel. Proj. Volume	Total Volume	2 Capacity	V/C Ratio	Added Volume	Total Volume	2 Capacity	V/C Ratio
NB Left	60	1600	0.038	0	60	1600	0.038	0	60	1600	0.038	0	62	1600	0.039	0	62	1600	0.039
NB Thru	933	3200	0.292 *	0	933	3200	0.292 *	0	933	3200	0.292 *	0	971	3200	0.303 *	0	971	3200	0.303 *
NB Right	209	1600	0.131	12	221	1600	0.138	0	221	1600	0.138	3	220	1600	0.138	12	232	1600	0.145
SB Left	44	1600	0.028 *	12	56	1600	0.035 *	0	56	1600	0.035 *	3	49	1600	0.031 *	12	61	1600	0.038 *
SB Thru	681	3200	0.213	0	681	3200	0.213	0	681	3200	0.213	3	712	3200	0.223	0	712	3200	0.223
SB Right	24	1600	0.015	0	24	1600	0.015	0	24	1600	0.015	0	25	1600	0.016	0	25	1600	0.016
EB Left	28	0	0.018	0	28	0	0.018	0	28	0	0.018	0	29	0	0.018	0	29	0	0.018
EB Thru	39	1600	0.075 *	3	42	1600	0.077 *	0	42	1600	0.077 *	1	42	1600	0.079 *	3	45	1600	0.081 *
EB Right	53	0	0.000	0	53	0	0.000	0	53	0	0.000	0	55	0	0.000	0	55	0	0.000
WB Left	188	1600	0.118 *	30	218	1600	0.136 *	0	218	1600	0.136 *	3	199	1600	0.124 *	30	229	1600	0.143 *
WB Thru	35	1600	0.022	8	43	1600	0.027	0	43	1600	0.027	1	37	1600	0.023	8	45	1600	0.028
WB Right	40	1600	0.025	30	70	1600	0.044	0	70	1600	0.044	3	45	1600	0.028	30	75	1600	0.047
Yellow Allowance			0.100 *				0.100 *				0.100 *				0.100 *				0.100 *
ICU			0.612				0.640				0.640				0.637				0.665
LOS			B				B				B				B				B

** Key conflicting movement as a part of ICU*
1 Counts conducted by: Hartzog Crabill, Inc.
2 Capacity expressed in veh/hour of green

Intersection	
Int Delay, s/veh	5.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Future Vol, veh/h	0	330	13	23	292	46	29	0	102	121	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	330	13	23	292	46	29	0	102	121	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	350	0	0	702	-	350	668	688	292
Stage 1	-	-	-	-	-	-	350	-	-	338	338	-
Stage 2	-	-	-	-	-	-	352	-	-	330	350	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1209	-	0	353	0	693	372	369	747
Stage 1	0	-	-	-	-	0	666	0	-	676	641	-
Stage 2	0	-	-	-	-	0	665	0	-	683	633	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1186	-	-	323	-	680	311	354	747
Mov Cap-2 Maneuver	-	-	-	-	-	-	323	-	-	311	354	-
Stage 1	-	-	-	-	-	-	666	-	-	676	626	-
Stage 2	-	-	-	-	-	-	623	-	-	581	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.5	23.5
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	323	680	-	-	1186	-	315	747
HCM Lane V/C Ratio	0.09	0.15	-	-	0.019	-	0.432	0.017
HCM Control Delay (s)	17.2	11.2	-	-	8.1	0	24.8	9.9
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.3	0.5	-	-	0.1	-	2.1	0.1

Intersection	
Intersection Delay, s/veh	13.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Future Vol, veh/h	96	112	43	0	261	56	141	115	41	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	112	43	0	261	56	141	115	41	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.2	15.7	11.7	10.6
HCM LOS	B	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	46%	0%	0%	23%
Vol Thru, %	0%	74%	54%	0%	82%	0%
Vol Right, %	0%	26%	0%	100%	18%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	156	208	43	317	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	112	0	261	0
RT Vol	0	41	0	43	56	62
Lane Flow Rate	141	156	208	43	317	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.269	0.268	0.371	0.065	0.529	0.143
Departure Headway (Hd)	6.869	6.174	6.419	5.474	6.007	6.416
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	522	580	560	652	599	556
Service Time	4.624	3.929	4.173	3.227	4.056	4.487
HCM Lane V/C Ratio	0.27	0.269	0.371	0.066	0.529	0.144
HCM Control Delay	12.2	11.2	12.9	8.6	15.7	10.6
HCM Lane LOS	B	B	B	A	C	B
HCM 95th-tile Q	1.1	1.1	1.7	0.2	3.1	0.5

Intersection	
Int Delay, s/veh	0.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	77	33	265	5	2
Future Vol, veh/h	95	77	33	265	5	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	77	33	265	5	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	172	0	485	134
Stage 1	-	-	-	-	134	-
Stage 2	-	-	-	-	351	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1405	-	541	915
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	713	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1405	-	516	915
Mov Cap-2 Maneuver	-	-	-	-	516	-
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	679	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	589	-	-	1405	-
HCM Lane V/C Ratio	0.012	-	-	0.023	-
HCM Control Delay (s)	11.2	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Future Vol, veh/h	0	402	18	48	237	180	17	0	87	38	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	402	18	48	237	180	17	0	87	38	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	422	0	0	769	-	422	735	755	237
Stage 1	-	-	-	-	-	-	422	-	-	333	333	-
Stage 2	-	-	-	-	-	-	347	-	-	402	422	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1137	-	0	318	0	632	335	338	802
Stage 1	0	-	-	-	-	0	609	0	-	681	644	-
Stage 2	0	-	-	-	-	0	669	0	-	625	588	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1115	-	-	282	-	620	277	315	802
Mov Cap-2 Maneuver	-	-	-	-	-	-	282	-	-	277	315	-
Stage 1	-	-	-	-	-	-	609	-	-	681	612	-
Stage 2	-	-	-	-	-	-	609	-	-	537	577	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	12.9	20
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	282	620	-	-	1115	-	290	802
HCM Lane V/C Ratio	0.06	0.14	-	-	0.043	-	0.21	0.005
HCM Control Delay (s)	18.6	11.8	-	-	8.4	0	20.7	9.5
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	0.8	0

Intersection	
Intersection Delay, s/veh	21.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Future Vol, veh/h	40	99	60	0	210	41	243	37	11	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	99	60	0	210	41	243	37	11	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	12.9	18.3	16.9	29.4
HCM LOS	B	C	C	D

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	29%	0%	0%	9%
Vol Thru, %	0%	77%	71%	0%	84%	0%
Vol Right, %	0%	23%	0%	100%	16%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	48	139	60	251	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	99	0	210	0
RT Vol	0	11	0	60	41	408
Lane Flow Rate	243	48	139	60	251	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.513	0.092	0.301	0.115	0.518	0.79
Departure Headway (Hd)	7.593	6.916	7.79	6.922	7.423	6.361
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	474	516	460	515	484	568
Service Time	5.362	4.685	5.568	4.699	5.496	4.422
HCM Lane V/C Ratio	0.513	0.093	0.302	0.117	0.519	0.787
HCM Control Delay	18.2	10.4	13.9	10.6	18.3	29.4
HCM Lane LOS	C	B	B	B	C	D
HCM 95th-tile Q	2.9	0.3	1.3	0.4	2.9	7.5

Intersection	
Int Delay, s/veh	2.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	14	1	114	70	19
Future Vol, veh/h	178	14	1	114	70	19
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	14	1	114	70	19

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	192	0	321	185
Stage 1	-	-	-	-	185	-
Stage 2	-	-	-	-	136	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1381	-	673	857
Stage 1	-	-	-	-	847	-
Stage 2	-	-	-	-	890	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1381	-	660	857
Mov Cap-2 Maneuver	-	-	-	-	660	-
Stage 1	-	-	-	-	847	-
Stage 2	-	-	-	-	872	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	10.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	694	-	-	1381	-
HCM Lane V/C Ratio	0.128	-	-	0.001	-
HCM Control Delay (s)	10.9	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Int Delay, s/veh	7.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	389	13	23	309	46	29	0	102	154	15	13
Future Vol, veh/h	0	389	13	23	309	46	29	0	102	154	15	13
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	389	13	23	309	46	29	0	102	154	15	13

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	409	0	0	778	-	409	744	764	309
Stage 1	-	-	-	-	-	-	409	-	-	355	355	-
Stage 2	-	-	-	-	-	-	369	-	-	389	409	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1150	-	0	314	0	642	331	334	731
Stage 1	0	-	-	-	-	0	619	0	-	662	630	-
Stage 2	0	-	-	-	-	0	651	0	-	635	596	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1128	-	-	286	-	630	272	319	731
Mov Cap-2 Maneuver	-	-	-	-	-	-	286	-	-	272	319	-
Stage 1	-	-	-	-	-	-	619	-	-	662	614	-
Stage 2	-	-	-	-	-	-	608	-	-	532	585	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.4	34.8
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	286	630	-	-	1128	-	276	731
HCM Lane V/C Ratio	0.101	0.162	-	-	0.02	-	0.612	0.018
HCM Control Delay (s)	19	11.8	-	-	8.3	0	36.7	10
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	3.7	0.1

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	96	203	43	0	296	56	141	115	74	18	0	62
Future Vol, veh/h	96	203	43	0	296	56	141	115	74	18	0	62
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	96	203	43	0	296	56	141	115	74	18	0	62
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	16.2	19.4	12.8	11.5
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	32%	0%	0%	23%
Vol Thru, %	0%	61%	68%	0%	84%	0%
Vol Right, %	0%	39%	0%	100%	16%	78%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	141	189	299	43	352	80
LT Vol	141	0	96	0	0	18
Through Vol	0	115	203	0	296	0
RT Vol	0	74	0	43	56	62
Lane Flow Rate	141	189	299	43	352	80
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.286	0.342	0.548	0.068	0.621	0.158
Departure Headway (Hd)	7.305	6.516	6.599	5.723	6.355	7.13
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	489	548	544	620	563	506
Service Time	5.096	4.306	4.385	3.508	4.439	5.13
HCM Lane V/C Ratio	0.288	0.345	0.55	0.069	0.625	0.158
HCM Control Delay	13	12.7	17.2	8.9	19.4	11.5
HCM Lane LOS	B	B	C	A	C	B
HCM 95th-tile Q	1.2	1.5	3.3	0.2	4.2	0.6

Intersection	
Int Delay, s/veh	1.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	201	40	265	40	4
Future Vol, veh/h	95	201	40	265	40	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	95	201	40	265	40	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	296	0	561	196
Stage 1	-	-	-	-	196	-
Stage 2	-	-	-	-	365	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1265	-	489	845
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	702	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1265	-	462	845
Mov Cap-2 Maneuver	-	-	-	-	462	-
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	663	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	13.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	482	-	-	1265	-
HCM Lane V/C Ratio	0.091	-	-	0.032	-
HCM Control Delay (s)	13.2	-	-	7.9	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	428	18	48	305	180	17	0	87	53	23	4
Future Vol, veh/h	0	428	18	48	305	180	17	0	87	53	23	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	428	18	48	305	180	17	0	87	53	23	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	448	0	0	863	-	448	829	849	305
Stage 1	-	-	-	-	-	-	448	-	-	401	401	-
Stage 2	-	-	-	-	-	-	415	-	-	428	448	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1112	-	0	275	0	611	290	298	735
Stage 1	0	-	-	-	-	0	590	0	-	626	601	-
Stage 2	0	-	-	-	-	0	615	0	-	605	573	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1091	-	-	241	-	599	238	277	735
Mov Cap-2 Maneuver	-	-	-	-	-	-	241	-	-	238	277	-
Stage 1	-	-	-	-	-	-	590	-	-	626	569	-
Stage 2	-	-	-	-	-	-	556	-	-	517	562	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	13.5	24.9
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	241	599	-	-	1091	-	249	735
HCM Lane V/C Ratio	0.071	0.145	-	-	0.044	-	0.305	0.005
HCM Control Delay (s)	21.1	12	-	-	8.5	0	25.7	9.9
HCM Lane LOS	C	B	-	-	A	A	D	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1.2	0

Intersection	
Intersection Delay, s/veh	43.7
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	40	140	60	0	353	41	243	37	26	39	0	408
Future Vol, veh/h	40	140	60	0	353	41	243	37	26	39	0	408
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	140	60	0	353	41	243	37	26	39	0	408
Number of Lanes	0	1	1	0	1	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	2	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	2	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	1	2
HCM Control Delay	17.5	54.8	22.9	62.2
HCM LOS	C	F	C	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	SBLn1
Vol Left, %	100%	0%	22%	0%	0%	9%
Vol Thru, %	0%	59%	78%	0%	90%	0%
Vol Right, %	0%	41%	0%	100%	10%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	243	63	180	60	394	447
LT Vol	243	0	40	0	0	39
Through Vol	0	37	140	0	353	0
RT Vol	0	26	0	60	41	408
Lane Flow Rate	243	63	180	60	394	447
Geometry Grp	7	7	7	7	6	6
Degree of Util (X)	0.617	0.145	0.453	0.137	0.918	0.967
Departure Headway (Hd)	9.134	8.314	9.068	8.224	8.385	7.786
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	394	430	396	435	433	469
Service Time	6.902	6.082	6.84	5.995	6.417	5.815
HCM Lane V/C Ratio	0.617	0.147	0.455	0.138	0.91	0.953
HCM Control Delay	25.6	12.5	19.2	12.3	54.8	62.2
HCM Lane LOS	D	B	C	B	F	F
HCM 95th-tile Q	4	0.5	2.3	0.5	10.1	12

Intersection	
Int Delay, s/veh	5.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	178	69	4	114	213	27
Future Vol, veh/h	178	69	4	114	213	27
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	178	69	4	114	213	27

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	247	0	355	213
Stage 1	-	-	-	-	213	-
Stage 2	-	-	-	-	142	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1319	-	643	827
Stage 1	-	-	-	-	823	-
Stage 2	-	-	-	-	885	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1319	-	629	827
Mov Cap-2 Maneuver	-	-	-	-	629	-
Stage 1	-	-	-	-	823	-
Stage 2	-	-	-	-	866	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	13.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	646	-	-	1319	-
HCM Lane V/C Ratio	0.372	-	-	0.003	-
HCM Control Delay (s)	13.8	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	1.7	-	-	0	-

Intersection	
Int Delay, s/veh	6.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	348	14	24	306	48	30	0	106	129	16	14
Future Vol, veh/h	0	348	14	24	306	48	30	0	106	129	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	348	14	24	306	48	30	0	106	129	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	368	0	0	737	-	368	702	722	306
Stage 1	-	-	-	-	-	-	368	-	-	354	354	-
Stage 2	-	-	-	-	-	-	369	-	-	348	368	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1191	-	0	334	0	677	353	353	734
Stage 1	0	-	-	-	-	0	652	0	-	663	630	-
Stage 2	0	-	-	-	-	0	651	0	-	668	621	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1168	-	-	304	-	664	291	337	734
Mov Cap-2 Maneuver	-	-	-	-	-	-	304	-	-	291	337	-
Stage 1	-	-	-	-	-	-	652	-	-	663	614	-
Stage 2	-	-	-	-	-	-	606	-	-	561	609	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	12.9	26.8
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	304	664	-	-	1168	-	295	734
HCM Lane V/C Ratio	0.099	0.16	-	-	0.021	-	0.492	0.019
HCM Control Delay (s)	18.1	11.4	-	-	8.1	0	28.4	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	2.6	0.1

Intersection	
Int Delay, s/veh	8.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	125	45	0	277	58	147	120	46	19	0	65
Future Vol, veh/h	100	125	45	0	277	58	147	120	46	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	125	45	0	277	58	147	120	46	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	355	0	-	-	-	0	464	680	63	649	651	188
Stage 1	-	-	-	-	-	-	325	325	-	326	326	-
Stage 2	-	-	-	-	-	-	139	355	-	323	325	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1200	-	0	0	-	-	481	372	988	355	386	822
Stage 1	-	-	0	0	-	-	661	648	-	661	647	-
Stage 2	-	-	0	0	-	-	850	628	-	663	648	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1177	-	-	-	-	-	411	332	988	223	344	806
Mov Cap-2 Maneuver	-	-	-	-	-	-	411	332	-	223	344	-
Stage 1	-	-	-	-	-	-	601	589	-	590	635	-
Stage 2	-	-	-	-	-	-	781	616	-	458	589	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	3.8	0	19.2	13.5
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	411	407	1177	-	-	-	506
HCM Lane V/C Ratio	0.358	0.408	0.085	-	-	-	0.166
HCM Control Delay (s)	18.6	19.8	8.3	0.1	-	-	13.5
HCM Lane LOS	C	C	A	A	-	-	B
HCM 95th %tile Q(veh)	1.6	1.9	0.3	-	-	-	0.6

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	91	35	276	10	2
Future Vol, veh/h	99	91	35	276	10	2
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	91	35	276	10	2

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	190	0	511	145
Stage 1	-	-	-	-	145	-
Stage 2	-	-	-	-	366	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1384	-	523	902
Stage 1	-	-	-	-	882	-
Stage 2	-	-	-	-	702	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1384	-	498	902
Mov Cap-2 Maneuver	-	-	-	-	498	-
Stage 1	-	-	-	-	882	-
Stage 2	-	-	-	-	668	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	538	-	-	1384	-
HCM Lane V/C Ratio	0.022	-	-	0.025	-
HCM Control Delay (s)	11.8	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-

Intersection	
Int Delay, s/veh	3.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Future Vol, veh/h	0	424	19	50	253	187	18	0	91	44	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	424	19	50	253	187	18	0	91	44	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	444	0	0	811	-	444	777	797	253
Stage 1	-	-	-	-	-	-	444	-	-	353	353	-
Stage 2	-	-	-	-	-	-	367	-	-	424	444	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1116	-	0	298	0	614	314	319	786
Stage 1	0	-	-	-	-	0	593	0	-	664	631	-
Stage 2	0	-	-	-	-	0	653	0	-	608	575	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1095	-	-	262	-	602	256	296	786
Mov Cap-2 Maneuver	-	-	-	-	-	-	262	-	-	256	296	-
Stage 1	-	-	-	-	-	-	593	-	-	664	598	-
Stage 2	-	-	-	-	-	-	591	-	-	516	564	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.4	13.3	22.2
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	262	602	-	-	1095	-	269	786
HCM Lane V/C Ratio	0.069	0.151	-	-	0.046	-	0.253	0.005
HCM Control Delay (s)	19.8	12	-	-	8.4	0	22.9	9.6
HCM Lane LOS	C	B	-	-	A	A	C	A
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	1	0

Intersection	
Int Delay, s/veh	19.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Future Vol, veh/h	42	113	62	0	231	43	253	39	15	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	113	62	0	231	43	253	39	15	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	294	0	-	-	-	0	313	491	57	433	470	157
Stage 1	-	-	-	-	-	-	197	197	-	273	273	-
Stage 2	-	-	-	-	-	-	116	294	-	160	197	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1264	-	0	0	-	-	616	477	997	507	490	861
Stage 1	-	-	0	0	-	-	786	737	-	710	683	-
Stage 2	-	-	0	0	-	-	876	668	-	826	737	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1240	-	-	-	-	-	298	451	997	445	464	845
Mov Cap-2 Maneuver	-	-	-	-	-	-	298	451	-	445	464	-
Stage 1	-	-	-	-	-	-	758	710	-	672	670	-
Stage 2	-	-	-	-	-	-	435	655	-	741	710	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.2	0	50.9	16.1
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	298	532	1240	-	-	-	783
HCM Lane V/C Ratio	0.849	0.102	0.034	-	-	-	0.595
HCM Control Delay (s)	59.1	12.5	8	0.1	-	-	16.1
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	7.3	0.3	0.1	-	-	-	4

Intersection	
Int Delay, s/veh	2.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	28	2	119	85	21
Future Vol, veh/h	185	28	2	119	85	21
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	28	2	119	85	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	213	0	342	199
Stage 1	-	-	-	-	199	-
Stage 2	-	-	-	-	143	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1357	-	654	842
Stage 1	-	-	-	-	835	-
Stage 2	-	-	-	-	884	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1357	-	640	842
Mov Cap-2 Maneuver	-	-	-	-	640	-
Stage 1	-	-	-	-	835	-
Stage 2	-	-	-	-	865	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	672	-	-	1357	-
HCM Lane V/C Ratio	0.158	-	-	0.001	-
HCM Control Delay (s)	11.4	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.6	-	-	0	-

Intersection	
Int Delay, s/veh	9.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Future Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	407	14	24	323	48	30	0	106	162	16	14

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	427	0	0	813	-	427	778	798	323
Stage 1	-	-	-	-	-	-	427	-	-	371	371	-
Stage 2	-	-	-	-	-	-	386	-	-	407	427	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1132	-	0	297	0	628	314	319	718
Stage 1	0	-	-	-	-	0	606	0	-	649	620	-
Stage 2	0	-	-	-	-	0	637	0	-	621	585	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1110	-	-	269	-	616	255	305	718
Mov Cap-2 Maneuver	-	-	-	-	-	-	269	-	-	255	305	-
Stage 1	-	-	-	-	-	-	606	-	-	649	604	-
Stage 2	-	-	-	-	-	-	592	-	-	514	574	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	13.9	42.2
HCM LOS			B	E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	269	616	-	-	1110	-	259	718
HCM Lane V/C Ratio	0.112	0.172	-	-	0.022	-	0.687	0.019
HCM Control Delay (s)	20.1	12.1	-	-	8.3	0	44.7	10.1
HCM Lane LOS	C	B	-	-	A	A	E	B
HCM 95th %tile Q(veh)	0.4	0.6	-	-	0.1	-	4.5	0.1

Intersection	
Int Delay, s/veh	9.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Future Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	216	45	0	312	58	147	120	79	19	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	390	0	-	-	-	0	572	806	108	729	777	205
Stage 1	-	-	-	-	-	-	416	416	-	361	361	-
Stage 2	-	-	-	-	-	-	156	390	-	368	416	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1165	-	0	0	-	-	403	314	925	311	327	802
Stage 1	-	-	0	0	-	-	585	590	-	630	624	-
Stage 2	-	-	0	0	-	-	831	606	-	624	590	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1143	-	-	-	-	-	342	278	925	172	289	787
Mov Cap-2 Maneuver	-	-	-	-	-	-	342	278	-	172	289	-
Stage 1	-	-	-	-	-	-	527	532	-	557	612	-
Stage 2	-	-	-	-	-	-	762	594	-	398	532	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.8	0	23.6	15.2
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	342	385	1143	-	-	-	435
HCM Lane V/C Ratio	0.43	0.517	0.087	-	-	-	0.193
HCM Control Delay (s)	23.2	23.9	8.5	0.2	-	-	15.2
HCM Lane LOS	C	C	A	A	-	-	C
HCM 95th %tile Q(veh)	2.1	2.9	0.3	-	-	-	0.7

Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	99	215	42	276	45	4
Future Vol, veh/h	99	215	42	276	45	4
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	99	215	42	276	45	4

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	314	0	587	207
Stage 1	-	-	-	-	207	-
Stage 2	-	-	-	-	380	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1246	-	472	833
Stage 1	-	-	-	-	828	-
Stage 2	-	-	-	-	691	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1246	-	445	833
Mov Cap-2 Maneuver	-	-	-	-	445	-
Stage 1	-	-	-	-	828	-
Stage 2	-	-	-	-	651	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.1	13.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	463	-	-	1246	-
HCM Lane V/C Ratio	0.106	-	-	0.034	-
HCM Control Delay (s)	13.7	-	-	8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0.1	-

Intersection	
Int Delay, s/veh	4.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Future Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Conflicting Peds, #/hr	0	0	20	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Yield	-	-	Free	-	-	Stop	-	-	None
Storage Length	-	-	90	-	-	-	0	-	25	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	450	19	50	321	187	18	0	91	59	24	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	470	0	0	905	-	470	871	891	321
Stage 1	-	-	-	-	-	-	470	-	-	421	421	-
Stage 2	-	-	-	-	-	-	435	-	-	450	470	-
Critical Hdwy	-	-	-	4.12	-	-	7.12	-	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	-	-	6.12	5.52	-
Follow-up Hdwy	-	-	-	2.218	-	-	3.518	-	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	0	-	-	1092	-	0	257	0	594	271	282	720
Stage 1	0	-	-	-	-	0	574	0	-	610	589	-
Stage 2	0	-	-	-	-	0	600	0	-	589	560	-
Platoon blocked, %		-	-		-							
Mov Cap-1 Maneuver	-	-	-	1071	-	-	223	-	583	219	261	720
Mov Cap-2 Maneuver	-	-	-	-	-	-	223	-	-	219	261	-
Stage 1	-	-	-	-	-	-	574	-	-	610	555	-
Stage 2	-	-	-	-	-	-	538	-	-	497	549	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.1	14	28.3
HCM LOS			B	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT	SBLn1	SBLn2
Capacity (veh/h)	223	583	-	-	1071	-	230	720
HCM Lane V/C Ratio	0.081	0.156	-	-	0.047	-	0.361	0.006
HCM Control Delay (s)	22.6	12.3	-	-	8.5	0	29.2	10
HCM Lane LOS	C	B	-	-	A	A	D	B
HCM 95th %tile Q(veh)	0.3	0.6	-	-	0.1	-	1.6	0

Intersection	
Int Delay, s/veh	36

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Future Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Conflicting Peds, #/hr	0	0	20	0	0	20	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	Free	-	-	None	-	-	None	-	-	None
Storage Length	-	-	200	-	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	154	62	0	374	43	253	39	30	41	0	425

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	437	0	-	-	-	0	425	675	77	597	654	229
Stage 1	-	-	-	-	-	-	238	238	-	416	416	-
Stage 2	-	-	-	-	-	-	187	437	-	181	238	-
Critical Hdwy	4.14	-	-	-	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	-	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	1119	-	0	0	-	-	513	374	968	387	385	774
Stage 1	-	-	0	0	-	-	744	707	-	585	590	-
Stage 2	-	-	0	0	-	-	797	578	-	803	707	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	1098	-	-	-	-	-	~ 219	352	968	326	362	759
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 219	352	-	326	362	-
Stage 1	-	-	-	-	-	-	713	677	-	550	579	-
Stage 2	-	-	-	-	-	-	351	567	-	702	677	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.9	0	124.9	21
HCM LOS			F	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	219	487	1098	-	-	-	680
HCM Lane V/C Ratio	1.155	0.142	0.038	-	-	-	0.685
HCM Control Delay (s)	155.2	13.6	8.4	0.1	-	-	21
HCM Lane LOS	F	B	A	A	-	-	C
HCM 95th %tile Q(veh)	12.1	0.5	0.1	-	-	-	5.4

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	5.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	185	83	5	119	228	29
Future Vol, veh/h	185	83	5	119	228	29
Conflicting Peds, #/hr	0	0	0	0	20	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	185	83	5	119	228	29

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	268	0	376	227
Stage 1	-	-	-	-	227	-
Stage 2	-	-	-	-	149	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1296	-	625	812
Stage 1	-	-	-	-	811	-
Stage 2	-	-	-	-	879	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1296	-	611	812
Mov Cap-2 Maneuver	-	-	-	-	611	-
Stage 1	-	-	-	-	811	-
Stage 2	-	-	-	-	859	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	14.6
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	629	-	-	1296	-
HCM Lane V/C Ratio	0.409	-	-	0.004	-
HCM Control Delay (s)	14.6	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	2	-	-	0	-

Intersection	
Intersection Delay, s/veh	19.1
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Future Vol, veh/h	0	407	14	24	323	48	30	0	106	162	16	14
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	407	14	24	323	48	30	0	106	162	16	14
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	24.1	18.4	11.3	14.9
HCM LOS	C	C	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	7%	0%	91%	0%
Vol Thru, %	0%	0%	100%	0%	93%	0%	9%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	106	407	14	347	48	178	14
LT Vol	30	0	0	0	24	0	162	0
Through Vol	0	0	407	0	323	0	16	0
RT Vol	0	106	0	14	0	48	0	14
Lane Flow Rate	30	106	407	14	347	48	178	14
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.067	0.201	0.729	0.022	0.63	0.077	0.385	0.026
Departure Headway (Hd)	8.065	6.832	6.448	5.736	6.54	5.791	7.782	6.598
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	444	525	562	627	555	621	463	542
Service Time	5.819	4.585	4.16	3.447	4.253	3.505	5.53	4.346
HCM Lane V/C Ratio	0.068	0.202	0.724	0.022	0.625	0.077	0.384	0.026
HCM Control Delay	11.4	11.3	24.6	8.6	19.7	9	15.3	9.5
HCM Lane LOS	B	B	C	A	C	A	C	A
HCM 95th-tile Q	0.2	0.7	6.1	0.1	4.4	0.2	1.8	0.1

Intersection	
Intersection Delay, s/veh	13.7
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Future Vol, veh/h	100	216	45	0	312	58	147	120	79	19	0	65
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	100	216	45	0	312	58	147	120	79	19	0	65
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	13.2	14.1	14.1	12
HCM LOS	B	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	58%	0%	0%	0%	0%	23%
Vol Thru, %	0%	60%	42%	100%	0%	100%	64%	0%
Vol Right, %	0%	40%	0%	0%	100%	0%	36%	77%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	147	199	172	144	45	208	162	84
LT Vol	147	0	100	0	0	0	0	19
Through Vol	0	120	72	144	0	208	104	0
RT Vol	0	79	0	0	45	0	58	65
Lane Flow Rate	147	199	172	144	45	208	162	84
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.318	0.387	0.359	0.289	0.081	0.417	0.313	0.178
Departure Headway (Hd)	7.79	7.002	7.52	7.224	6.509	7.223	6.966	7.633
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	462	513	478	498	550	499	517	470
Service Time	5.529	4.74	5.262	4.965	4.25	4.963	4.706	5.385
HCM Lane V/C Ratio	0.318	0.388	0.36	0.289	0.082	0.417	0.313	0.179
HCM Control Delay	14.1	14.1	14.4	12.9	9.8	15.1	12.9	12
HCM Lane LOS	B	B	B	B	A	C	B	B
HCM 95th-tile Q	1.4	1.8	1.6	1.2	0.3	2	1.3	0.6

Intersection	
Intersection Delay, s/veh	17.5
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Future Vol, veh/h	0	450	19	50	321	187	18	0	91	59	24	4
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	450	19	50	321	187	18	0	91	59	24	4
Number of Lanes	0	1	1	0	1	1	1	0	1	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	2	2
HCM Control Delay	23.2	14.9	10.7	12.1
HCM LOS	C	B	B	B

Lane	NBLn1	NBLn2	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	0%	13%	0%	71%	0%
Vol Thru, %	0%	0%	100%	0%	87%	0%	29%	0%
Vol Right, %	0%	100%	0%	100%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	18	91	450	19	371	187	83	4
LT Vol	18	0	0	0	50	0	59	0
Through Vol	0	0	450	0	321	0	24	0
RT Vol	0	91	0	19	0	187	0	4
Lane Flow Rate	18	91	450	19	371	187	83	4
Geometry Grp	7	7	7	7	7	7	7	7
Degree of Util (X)	0.039	0.167	0.741	0.028	0.609	0.266	0.178	0.007
Departure Headway (Hd)	7.829	6.6	5.928	5.22	5.906	5.129	7.707	6.625
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	456	541	608	684	608	698	464	537
Service Time	5.603	4.373	3.678	2.969	3.655	2.878	5.483	4.4
HCM Lane V/C Ratio	0.039	0.168	0.74	0.028	0.61	0.268	0.179	0.007
HCM Control Delay	10.9	10.7	23.8	8.1	17.5	9.7	12.2	9.4
HCM Lane LOS	B	B	C	A	C	A	B	A
HCM 95th-tile Q	0.1	0.6	6.4	0.1	4.1	1.1	0.6	0

Intersection	
Intersection Delay, s/veh	42.4
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Future Vol, veh/h	42	154	62	0	374	43	253	39	30	41	0	425
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	42	154	62	0	374	43	253	39	30	41	0	425
Number of Lanes	0	2	1	0	2	0	1	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	3	1	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	2	3	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	1	2	3
HCM Control Delay	15.4	22.5	26.8	85.8
HCM LOS	C	C	D	F

Lane	NBLn1	NBLn2	EBLn1	EBLn2	EBLn3	WBLn1	WBLn2	SBLn1
Vol Left, %	100%	0%	45%	0%	0%	0%	0%	9%
Vol Thru, %	0%	57%	55%	100%	0%	100%	74%	0%
Vol Right, %	0%	43%	0%	0%	100%	0%	26%	91%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	69	93	103	62	249	168	466
LT Vol	253	0	42	0	0	0	0	41
Through Vol	0	39	51	103	0	249	125	0
RT Vol	0	30	0	0	62	0	43	425
Lane Flow Rate	253	69	93	103	62	249	168	466
Geometry Grp	8	8	8	8	8	8	8	8
Degree of Util (X)	0.673	0.168	0.25	0.269	0.151	0.614	0.405	1.053
Departure Headway (Hd)	9.787	8.953	10.002	9.766	9.033	9.245	9.056	8.131
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap	372	403	361	371	399	394	401	452
Service Time	7.487	6.653	7.702	7.466	6.733	6.945	6.756	5.799
HCM Lane V/C Ratio	0.68	0.171	0.258	0.278	0.155	0.632	0.419	1.031
HCM Control Delay	30.4	13.5	16	16	13.3	25.6	17.8	85.8
HCM Lane LOS	D	B	C	C	B	D	C	F
HCM 95th-tile Q	4.7	0.6	1	1.1	0.5	3.9	1.9	14.8