

Appendix C

Air Quality Assumptions and Modeling



**Diamond Bar - Crooked Creek
Air Quality Appendix**

1. Assumptions
2. Construction Emissions
3. Unmitigated Operational Impacts
4. CalEEMod Output
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 - b. Unmitigated Health Risk
 - c. AERMOD Output

1. Assumptions

Diamond Bar - Crooked Creek

Assumptions

CalEEMod Inputs (Non-Default information only)

Project Location					
County	Los Angeles				
Air District	SCAQMD				
Climate Zone	10				
Construction Year start	2021				
Operational Year Project	2023				
Utility Provider	Southern California Edison				
Source Receptor Area (SCAQMD)	10				
	2021	2022	2023	2030	2040
CO intensity	483.27	462.58	441.90	300.8662	100.29
% renewable	35.75%	38.50%	41.25%	60.00%	86.67%

1 Southern California Edison, 2018. ESG/Sustainability Template. Report date: September 27, 2018. Available: <https://www.edison.com/content/dam/eix/documents/sustainability/eix-esg-pilot-quantitative-section-sce.pdf>. Accessed April 5, 2019.

2 SCE 2017 Power Content Label https://www.sce.com/sites/default/files/inline-files/2017PCL_0.pdf

3 SB-100 California Renewables Portfolio Standard Program: Emissions of Greenhouse Gases, https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201720180

Land Use	SQFT	Building KFS	Units/ Spaces	Acres	CalEEMod Category
Single Family Residential			7	1.90	light industrial
Parking/roadway				0.60	Other Asphalt
				2.50	
Population					
		Residents			
# Bedrooms	32				
# Homes	7	14.00			
# Non-Master Bedrooms	25	25.00			
Total		39.00			

Taken from the Project Description

Notes: Within the 7 residential units there are 5 accessory dwelling units (ADUs). These ADUs were added after the initial modeling. They do not increase the square footage of the homes, but will increase the number of trips.

Diamond Bar - Crooked Creek

Assumptions

Construction Schedule

Phase Name	CalEEMod Phase Name	Start Date	End Date	Days/week	Workdays
Site Preparation	Site Preparation	8/9/2021	8/13/2021	5.00	5
Grading/Retaining Wall Const	Grading	8/16/2021	10/5/2021	5.00	45
Underground Utilities Installation	Trenching	10/11/2021	12/3/2021	5.00	60
Street Improvements	Paving	12/6/2021	1/7/2022	5.00	30
Home Construction	Building Construction	1/10/2022	10/21/2022	5.00	180
Architectural Coating	Architectural Coating	9/10/2022	10/21/2022	5.00	30
					320

*Notes:

-For conservative emissions estimates all modeling was assumed to be conducted in 2021. Modeling phase dates that differ from the provided dates are as follows:

CalEEMod Phase Name	Start Date	End Date
Street Improvements	1/1/2021	2/11/2021
Building Construction	1/1/2021	9/9/2021
Architectural Coating	1/1/2021	2/11/2021

Materials Import/Export

	Cubic Yards
Grading:	5,760

Trips & VMT

Phase Name	Worker Trips	Worker Trips	Vendor Trucks	Haul Trucks
Site Preparation	8	16	0	50
Grading/Retaining Wall Const	10	20	0	570
Underground Utilities Installation	14	28	5	0
Street Improvements	15	30	0	0
Home Construction	14	28	5	0
Architectural Coating	(Part of Building Construction)			

Diamond Bar - Crooked Creek

Assumptions

Construction Equipmnet

<u>PhaseName</u>	<u>Type</u>	<u>#</u>	<u>Hrs</u>	<u>HP</u>
Site Preparation	Graders	1	8	187
Site Preparation	Scrapers	1	8	367
Site Preparation	Tractors/Loaders/Backhoes	1	7	97
Grading	Graders	3	8	187
Grading	Rubber Tired Dozers	1	8	247
Grading	Tractors/Loaders/Backhoes	2	7	97
Grading	Water Truck	1	8	402
Trenching	Excavator	1	7	158
Trenching	Tractor/Loader/Backhoe	2	8	97
Trenching	Water Truck	1	2	402
Paving	Cement and Mortar Mixers	1	8	9
Paving	Pavers	1	8	130
Paving	Paving Equipment	1	8	132
Paving	Rollers	2	8	80
Paving	Tractors/Loaders/Backhoes	1	8	97
Home Construction	Cranes	1	8	231
Home Construction	Forklifts	2	7	89
Home Construction	Generator Sets	1	8	84
Home Construction	Tractors/Loaders/Backhoes	1	6	97
Home Construction	Welders	3	8	46
Architectural Coating	Air Compressors	1	6	78

Diamond Bar - Crooked Creek

Operational Assumptions

Mobile source emissions

		Trip Gen	trips/day	Annual VMT
SFR	7	9.44	66	225,805
ADU	5	7.32	38	125,102
Revised SFR	7	14.67	104	350,907

Note: A revised SFR trip generation was generated based on the additional trips from the ADUs. This was done to allow for a revised operational analysis for the 7 SFRs.

Source: Urban Crossroads. *Trip Generation & VMT Screening Assessment* .

Area Sources

Default Modified to Fit SCAQMD's no wood fireplace/wood stove rule.

	Wood	Gas	None	Total
Default	0.35	5.95	0.70	7
% of Default		0.89	0.11	
Revised	0	6.26	0.74	7

Solid Waste

Defaults Used

Water and Wastewater

Defaults adjusted to account for sewer connection

	Default	Revised
Septic	10.30	0.00
Aerobic	87.46	97.51
Lagoon	2.21	2.46

Stationary Sources

Assumed none

Energy Use

Default Energy Usage used.

Diamond Bar - Crooked Creek

Operational Assumptions

AERMOD Set-up

Sources:

Con1	Full Work Area minus Roadway
Con2	Roadway (paving)
Haul 1	Site to Brea Canyon Blvd 518 m
Haul 2a	Brea Canyon from Silver Bullet Dr south to 57 Freeway 1318.9 m
Haul 2b	Brea Canyon from Silver Bullet Dr north to Diamond Bar Boulevard 407.1 m
Haul 3a	Diamond Bar Blvd from Brea Canyon to 57 N on/off Ramps 123.2 m
Haul 3b	Diamond Bar Blvd from Brea Canyon to 57 S on/off Ramps 241.7 m

Receptors 263 residential receptors

Met Data Pico Rivera SCAQMD Website

Work Day 12 hrs based on modeling assumptions provided
7 to 7 Monday through Friday

2. Construction Emissions

Diamond Bar - Crooked Creek
Maximum Daily Unmitigated Construction Emissions

CalEEMod 2016.3.2 Title: Crooked Creek
 EMFAC 2017 Title: Crooked Creek

Date: 11/6/2020
 Date: 11/6/2020

Unmitigated - Construction

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
	Max Daily (lbs/day)					
Site Preparation	2	21	12	0	1	1
Grading/Retaining Wall Const	4	48	22	0	5	3
Underground Utilities Installation	1	8	10	0	1	0
Street Improvements	1	11	13	0	1	1
Home Construction	2	17	16	0	1	1
Architectural Coating	3	2	2	0	0	0
Max Daily	6	48	31	0	5	3
Threshold	75	100	550	150	150	55
Exceed Threshold?	No	No	No	No	No	No

Diamond Bar - Crooked Creek
Maximum Daily Unmitigated Construction Emissions

LST Analysis

	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}	
Site Preparation		18	11		1	1	
Grading/Retaining Wall Const		37	17		4	3	
Underground Utilities Installation		7	8		0	0	
Street Improvements		11	12		1	1	
Home Construction		16	15		1	1	
Architectural Coating		2	2		0	0	
Max Daily		37	28		4	3	
Threshold		83	885		6	4	
Significant		No	No		No	No	
SRA	10				2	1	Operational
~25 meters to nearest receptor							
2.50	acres						

The screening criteria for NO_x were developed based on the 1-hour NO₂ CAAQS of 0.18 ppm. However, since the publication of the SCAQMD's guidance, the USEPA has promulgated a 1-hour NO₂ NAAQS of 0.100 ppm based on a 98th percentile value, which is more stringent than the CAAQS. In order to determine if Project emissions would result in an exceedance of the 1 hour NO₂ NAAQS, an approximated LST was estimated to evaluate the federal 1-hour NO₂ standard, as the SCAQMD significance threshold has not been updated to reflect this standard. Calculated by scaling the NO₂ LST for by the ratio of 1-hour NO₂ standards (federal/state)(i.e., 780 lb/day * (0.10/0.18) =433 lb/day).

Diamond Bar - Crooked Creek
Maximum Daily Unmitigated Construction Emissions

For HRA

		lbs/day		lbs/mile		
	Onsite	Hauling	Vendor	Hauling	Vendor	Days
Site Preparation	0.70	0.20	0.00	0.01	0.0000	45
Grading/Retaining Wall Const	1.48	0.79	0.00	0.0396	0.0000	60
Underground Utilities Installation	0.36	0.00	0.07	0.0000	0.0106	30
Street Improvements	0.58	0.00	0.00	0.0000	0.0000	180
Home Construction	0.82	0.00	0.07	0.0000	0.0106	30
Architectural Coating	0.09	0.00	0.00	0.0000	0.0000	0
Miles/trip				20	6.9	

Diamond Bar - Crooked Creek
Maximum Daily Unmitigated Construction Emissions

Unmitigated - Construction

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
Site Preparation	Fugitive Dust					0.3536	0	0.3536	0.0382	0	0.0382
	Off-Road	1.5463	18.2862	10.7496	2.45E-02		0.7019	0.7019		0.6457	0.6457
	Hauling	0.12	2.65	1.08	0.01	0.17	0.02	0.20	0.05	0.02	0.07
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.04	0.56	0.00	0.18	0.00	0.18	0.05	0.00	0.05
Grading/Retaining Wall Const	Fugitive Dust/ Explosive					2.2627	0	2.2627	1.2301	0	1.2301
	Off-Road	3.3389	37.326	16.8991	0.0471		1.4842	1.4842		1.3655	1.3655
	Hauling	0.46	10.61	4.34	0.03	0.70	0.09	0.79	0.19	0.09	0.28
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.05	0.70	0.00	0.22	0.00	0.22	0.06	0.00	0.06
Underground Utilities Installation	Fugitive Dust					0	0	0	0	0	0
	Off-Road	0.7266	6.9917	8.2844	0.014		0.3632	0.3632		0.3341	0.3341
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	0.95	0.53	0.00	0.06	0.01	0.07	0.02	0.01	0.03
	Worker	0.02	0.08	0.98	0.00	0.31	0.00	0.31	0.08	0.00	0.08
Street Improvements	Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371
	Paving	0.0524					0	0		0	0
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.02	0.08	1.05	0.00	0.34	0.00	0.34	0.09	0.00	0.09
Home Construction	Fugitive Dust					0	0	0	0	0	0
	Off-Road	2.0451	16.0275	14.5629	2.50E-02		0.8173	0.8173		0.7831	0.7831
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	0.95	0.53	0.00	0.06	0.01	0.07	0.02	0.01	0.03
	Worker	0.02	0.08	0.98	0.00	0.31	0.00	0.31	0.08	0.00	0.08

Diamond Bar - Crooked Creek
Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		<i>(lbs/day)</i>									
Architectural Coating	Arch. Coat	2.8703					0	0		0	0
	Off-Road	0.2189	1.5268	1.8176	2.97E-03		0.0941	0.0941		0.0941	0.0941
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*Note: Trips for AC phase accounted for in Building Construction as they overlap.

3. Unmitigated Operational Impacts

Diamond Bar - Crooked Creek Unmitigated Operational Impacts

CalEEMod 2016.3.2
Title: Crooked Creek
EMFAC2017 Crooked Creek

Date: 9/24/2021
9/24/2021

Unmitigated Emissions

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Max (Lbs/day)						
Area	<1	<1	1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	0	3	<1	1	<1
Total	1	1	4	<1	1	<1
Thresholds	55	55	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

Unmitigated LST Screening Level

	Pollutant					
	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	lbs/day					
Area		<1	1		<1	<1
Energy		<1	<1		<1	<1
Total		<1	1		<1	<1
Threshold		83	885		2	1
Exceed Threshold		No	No		No	No

SRA 10; ;

Emissions represent onsite emissions only.

The screening criteria for NO_x were developed based on the 1-hour NO₂ CAAQS of 0.18 ppm. However, since the publication of the SCAQMD's guidance, the USEPA has promulgated a 1-hour NO₂ NAAQS of 0.100 ppm based on a 98th percentile value, which is more stringent than the CAAQS. In order to determine if Project emissions would result in an exceedance of the 1 hour NO₂ NAAQS, an approximated LST was estimated to evaluate the federal 1-hour NO₂ standard, as the SCAQMD significance threshold has not been updated to reflect this standard. Calculated by scaling the NO₂ LST for by the ratio of 1-hour NO₂ standards (federal/state)(i.e., 780 lb/day *

Diamond Bar - Crooked Creek

Unmitigated Operational Impacts

Unmitigated Emissions - Max Project

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Max (Lbs/day)						
Area	0.31	0.11	0.62	0.00	0.01	0.01
Energy	0.01	0.05	0.02	0.00	0.00	0.00
Mobile	0.31	0.49	3.23	0.01	0.84	0.01
Total	0.63	0.65	3.87	0.01	0.86	0.02

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Winter (lbs/day)										
Area	0.3119	1.11E-01	6.22E-01	6.90E-04		1.16E-02	1.16E-02		1.16E-02	1.16E-02
Energy	5.85E-03	0.05	0.0213	3.20E-04		4.04E-03	4.04E-03		4.04E-03	4.04E-03
Mobile	0.3134	0.3587	3.2281	6.95E-03	0.7387	5.17E-03	0.7439	0.1968	4.80E-03	0.2016
Total	0.63115	0.5192	3.8713	0.00796	0.7387	0.02081	0.75954	0.1968	0.02044	0.21724

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Summer (lbs/day)										
Area	0.3118	1.10E-01	6.22E-01	6.90E-04		1.15E-02	1.15E-02		1.15E-02	1.15E-02
Energy	5.85E-03	0.05	0.0213	3.20E-04		4.04E-03	4.04E-03		4.04E-03	4.04E-03
Mobile	0.2132	0.4863	2.992	8.77E-03	0.8444	6.51E-03	0.8509	0.2255	6.07E-03	0.2315
Total	0.53085	0.6458	3.6348	0.00978	0.8444	0.02205	0.86644	0.2255	0.02161	0.24704

4. CalEEMod Output

Crooked Creek - Los Angeles-South Coast County, Winter

Crooked Creek
Los Angeles-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Single Family Housing	7.00	Dwelling Unit	1.90	12,600.00	20

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	462.58	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Off-road Equipment - See Assumptions

Off-road Equipment -

Trips and VMT - Modeled outside of CalEEMod

Grading - See Assumptions

[illegible]

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
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	220.00	180.00
tblConstructionPhase	NumDays	6.00	45.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	3.00	5.00
tblEnergyUse	T24E	951.67	913.60
tblEnergyUse	T24NG	24,566.15	22,355.20
tblFireplaces	NumberGas	5.95	6.20
tblFireplaces	NumberNoFireplace	0.70	0.74
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	67.50	3.00
tblGrading	AcresOfGrading	7.50	4.50
tblGrading	MaterialImported	0.00	5,760.00
tblLandUse	LotAcreage	2.27	1.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	462.58
tblTripsAndVMT	HaulingTripNumber	720.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	14.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00

tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	456,078.18	364,862.54
tblWater	OutdoorWaterUseRate	287,527.55	230,022.04
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	0.35	0.00
tblWoodstoves	NumberNoncatalytic	0.35	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.2500	53.3536	31.4621	0.0721	6.1073	2.3015	8.4087	3.3201	2.1486	5.4686	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459
Maximum	6.2500	53.3536	31.4621	0.0721	6.1073	2.3015	8.4087	3.3201	2.1486	5.4686	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459

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					
2021	4.2689	7.8815	38.3856	0.0721	2.2627	0.3256	2.5883	1.2301	0.3256	1.5556	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459
Maximum	4.2689	7.8815	38.3856	0.0721	2.2627	0.3256	2.5883	1.2301	0.3256	1.5556	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459

	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
Percent Reduction	31.70	85.23	-22.01	0.00	62.95	85.85	69.22	62.95	84.85	71.55	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Operational Emissions Modeled Separately

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/1/2021	9/9/2021	5	180	
2	Street Improvements	Paving	1/1/2021	2/11/2021	5	30	
3	Architectural Coating	Architectural Coating	1/1/2021	2/11/2021	5	30	
4	Site Preparation	Site Preparation	8/9/2021	8/13/2021	5	5	
5	Grading	Grading	8/16/2021	10/15/2021	5	45	
6	Under Ground Utilities	Trenching	10/11/2021	12/31/2021	5	60	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 0.6

Residential Indoor: 25,515; Residential Outdoor: 8,505; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Street Improvements	Cement and Mortar Mixers	1	8.00	9	0.56
Street Improvements	Pavers	1	8.00	130	0.42
Street Improvements	Paving Equipment	1	8.00	132	0.36
Street Improvements	Rollers	2	8.00	80	0.38
Street Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	3	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Under Ground Utilities	Excavators	1	7.00	158	0.38
Under Ground Utilities	Off-Highway Trucks	1	2.00	402	0.38
Under Ground Utilities	Tractors/Loaders/Backhoes	2	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
Building Construction	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Street Improvements	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Under Ground Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935

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	0.0000	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
Worker	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	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

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	1.1061	5.3852	15.6014	0.0250		0.2488	0.2488		0.2488	0.2488	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
Total	1.1061	5.3852	15.6014	0.0250		0.2488	0.2488		0.2488	0.2488	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935

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	0.0000	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
Worker	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	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

3.3 Street Improvements - 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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1157	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524

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	0.0000	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
Worker	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	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

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	0.2104	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2628	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

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	0.0000	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
Worker	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	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

3.4 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	2.8703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	3.0892	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0000	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
Worker	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	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

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	2.8703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	2.9000	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0000	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
Worker	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	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

3.5 Site Preparation - 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					
Fugitive Dust					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.8832	2,372.8832	0.7674		2,392.0692
Total	1.5463	18.2862	10.7496	0.0245	0.9545	0.7019	1.6563	0.1031	0.6457	0.7488		2,372.8832	2,372.8832	0.7674		2,392.0692

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	0.0000	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
Worker	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	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

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					0.3536	0.0000	0.3536	0.0382	0.0000	0.0382			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,372.8832	2,372.8832	0.7674		2,392.0692
Total	0.3008	1.3034	11.8595	0.0245	0.3536	0.0401	0.3937	0.0382	0.0401	0.0783	0.0000	2,372.8832	2,372.8832	0.7674		2,392.0692

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	0.0000	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
Worker	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	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

3.6 Grading - 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					
Fugitive Dust					6.1073	0.0000	6.1073	3.3201	0.0000	3.3201			0.0000			0.0000
Off-Road	3.3389	37.3260	16.8991	0.0471		1.4842	1.4842		1.3655	1.3655		4,557.5027	4,557.5027	1.4740		4,594.3524
Total	3.3389	37.3260	16.8991	0.0471	6.1073	1.4842	7.5915	3.3201	1.3655	4.6855		4,557.5027	4,557.5027	1.4740		4,594.3524

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	0.0000	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
Worker	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	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

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					2.2627	0.0000	2.2627	1.2301	0.0000	1.2301			0.0000			0.0000
Off-Road	0.5761	2.4963	22.7842	0.0471		0.0768	0.0768		0.0768	0.0768	0.0000	4,557.5027	4,557.5027	1.4740		4,594.3524
Total	0.5761	2.4963	22.7842	0.0471	2.2627	0.0768	2.3396	1.2301	0.0768	1.3069	0.0000	4,557.5027	4,557.5027	1.4740		4,594.3524

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	0.0000	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
Worker	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	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

3.7 Under Ground Utilities - 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	0.7266	6.9917	8.2844	0.0140		0.3632	0.3632		0.3341	0.3341		1,359.0989	1,359.0989	0.4396		1,370.0879

Total	0.7266	6.9917	8.2844	0.0140		0.3632	0.3632		0.3341	0.3341		1,359.0989	1,359.0989	0.4396		1,370.0879
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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	0.0000	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
Worker	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	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

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	0.1720	0.7452	9.5942	0.0140		0.0229	0.0229		0.0229	0.0229	0.0000	1,359.0989	1,359.0989	0.4396		1,370.0879
Total	0.1720	0.7452	9.5942	0.0140		0.0229	0.0229		0.0229	0.0229	0.0000	1,359.0989	1,359.0989	0.4396		1,370.0879

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	0.0000	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
Worker	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	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

4.0 Operational Detail - Mobile

Operational Emissions Modeled Separately

Crooked Creek - Los Angeles-South Coast County, Summer

Crooked Creek

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Single Family Housing	7.00	Dwelling Unit	1.90	12,600.00	20

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	10			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	462.58	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Off-road Equipment - See Assumptions

Off-road Equipment -

Trips and VMT - Modeled outside of CalEEMod

Grading - See Assumptions

[illegible]

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
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	220.00	180.00
tblConstructionPhase	NumDays	6.00	45.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	3.00	5.00
tblEnergyUse	T24E	951.67	913.60
tblEnergyUse	T24NG	24,566.15	22,355.20
tblFireplaces	NumberGas	5.95	6.20
tblFireplaces	NumberNoFireplace	0.70	0.74
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	67.50	3.00
tblGrading	AcresOfGrading	7.50	4.50
tblGrading	MaterialImported	0.00	5,760.00
tblLandUse	LotAcreage	2.27	1.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	462.58
tblTripsAndVMT	HaulingTripNumber	720.00	0.00
tblTripsAndVMT	VendorTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	14.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00

tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	456,078.18	364,862.54
tblWater	OutdoorWaterUseRate	287,527.55	230,022.04
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	0.35	0.00
tblWoodstoves	NumberNoncatalytic	0.35	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.2500	53.3536	31.4621	0.0721	6.1073	2.3015	8.4087	3.3201	2.1486	5.4686	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459
Maximum	6.2500	53.3536	31.4621	0.0721	6.1073	2.3015	8.4087	3.3201	2.1486	5.4686	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459

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					
2021	4.2689	7.8815	38.3856	0.0721	2.2627	0.3256	2.5883	1.2301	0.3256	1.5556	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459
Maximum	4.2689	7.8815	38.3856	0.0721	2.2627	0.3256	2.5883	1.2301	0.3256	1.5556	0.0000	6,846.4382	6,846.4382	1.9243	0.0000	6,894.5459

	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
Percent Reduction	31.70	85.23	-22.01	0.00	62.95	85.85	69.22	62.95	84.85	71.55	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Operational Modeled Separately

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/1/2021	9/9/2021	5	180	
2	Street Improvements	Paving	1/1/2021	2/11/2021	5	30	
3	Architectural Coating	Architectural Coating	1/1/2021	2/11/2021	5	30	
4	Site Preparation	Site Preparation	8/9/2021	8/13/2021	5	5	
5	Grading	Grading	8/16/2021	10/15/2021	5	45	
6	Under Ground Utilities	Trenching	10/11/2021	12/31/2021	5	60	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 0.6

Residential Indoor: 25,515; Residential Outdoor: 8,505; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Street Improvements	Cement and Mortar Mixers	1	8.00	9	0.56
Street Improvements	Pavers	1	8.00	130	0.42
Street Improvements	Paving Equipment	1	8.00	132	0.36
Street Improvements	Rollers	2	8.00	80	0.38
Street Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	3	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Under Ground Utilities	Excavators	1	7.00	158	0.38
Under Ground Utilities	Off-Highway Trucks	1	2.00	402	0.38
Under Ground Utilities	Tractors/Loaders/Backhoes	2	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
Building Construction	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Street Improvements	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Under Ground Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 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	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935

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	0.0000	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
Worker	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	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

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	1.1061	5.3852	15.6014	0.0250		0.2488	0.2488		0.2488	0.2488	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
Total	1.1061	5.3852	15.6014	0.0250		0.2488	0.2488		0.2488	0.2488	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935

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	0.0000	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
Worker	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	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

3.3 Street Improvements - 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	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1157	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524

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	0.0000	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
Worker	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	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

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	0.2104	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2628	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

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	0.0000	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
Worker	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	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

3.4 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	2.8703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	3.0892	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0000	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
Worker	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	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

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	2.8703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	2.9000	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

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	0.0000	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
Worker	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	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

3.5 Site Preparation - 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					
Fugitive Dust					0.9545	0.0000	0.9545	0.1031	0.0000	0.1031			0.0000			0.0000
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457		2,372.8832	2,372.8832	0.7674		2,392.0692
Total	1.5463	18.2862	10.7496	0.0245	0.9545	0.7019	1.6563	0.1031	0.6457	0.7488		2,372.8832	2,372.8832	0.7674		2,392.0692

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	0.0000	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
Worker	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	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

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					0.3536	0.0000	0.3536	0.0382	0.0000	0.0382			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,372.8832	2,372.8832	0.7674		2,392.0692
Total	0.3008	1.3034	11.8595	0.0245	0.3536	0.0401	0.3937	0.0382	0.0401	0.0783	0.0000	2,372.8832	2,372.8832	0.7674		2,392.0692

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	0.0000	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
Worker	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	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

3.6 Grading - 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					
Fugitive Dust					6.1073	0.0000	6.1073	3.3201	0.0000	3.3201			0.0000			0.0000
Off-Road	3.3389	37.3260	16.8991	0.0471		1.4842	1.4842		1.3655	1.3655		4,557.5027	4,557.5027	1.4740		4,594.3524
Total	3.3389	37.3260	16.8991	0.0471	6.1073	1.4842	7.5915	3.3201	1.3655	4.6855		4,557.5027	4,557.5027	1.4740		4,594.3524

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	0.0000	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
Worker	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	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

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					2.2627	0.0000	2.2627	1.2301	0.0000	1.2301			0.0000			0.0000
Off-Road	0.5761	2.4963	22.7842	0.0471		0.0768	0.0768		0.0768	0.0768	0.0000	4,557.5027	4,557.5027	1.4740		4,594.3524
Total	0.5761	2.4963	22.7842	0.0471	2.2627	0.0768	2.3396	1.2301	0.0768	1.3069	0.0000	4,557.5027	4,557.5027	1.4740		4,594.3524

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	0.0000	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
Worker	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	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

3.7 Under Ground Utilities - 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	0.7266	6.9917	8.2844	0.0140		0.3632	0.3632		0.3341	0.3341		1,359.0989	1,359.0989	0.4396		1,370.0879

Total	0.7266	6.9917	8.2844	0.0140		0.3632	0.3632		0.3341	0.3341		1,359.0989	1,359.0989	0.4396		1,370.0879
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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	0.0000	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
Worker	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	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

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	0.1720	0.7452	9.5942	0.0140		0.0229	0.0229		0.0229	0.0229	0.0000	1,359.0989	1,359.0989	0.4396		1,370.0879
Total	0.1720	0.7452	9.5942	0.0140		0.0229	0.0229		0.0229	0.0229	0.0000	1,359.0989	1,359.0989	0.4396		1,370.0879

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	0.0000	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
Worker	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	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

4.0 Operational Detail - Mobile

Operational Modeled Separately

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Crooked Creek - 2023 Operations Only

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Single Family Housing	7.00	Dwelling Unit	1.90	12,600.00	39

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	441.9	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - Construction Modeled Separately

Off-road Equipment -

Trips and VMT - Construction Modeled Separately

Grading - Construction Modeled Separately

Vehicle Trips - See Assumptions

Woodstoves - See Assumptions

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water Mitigation - Title 24 Compliance

Off-road Equipment - Construction Modeled Separately

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	3.00	1.00
tblFireplaces	NumberGas	5.95	6.26
tblFireplaces	NumberNoFireplace	0.70	0.74
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	2.27	1.90
tblLandUse	Population	20.00	39.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	441.9
tblVehicleTrips	ST_TR	9.54	14.67
tblVehicleTrips	SU_TR	8.55	14.67
tblVehicleTrips	WD_TR	9.44	14.67
tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	0.35	0.00
tblWoodstoves	NumberNoncatalytic	0.35	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.1 Overall Construction (Maximum Daily Emission)

[illegible][illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

[illegible]

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Energy	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Mobile	0.3134	0.3587	3.2281	6.9500e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		708.3270	708.3270	0.0494	0.0311	718.8344
Total	0.6312	0.5192	3.8713	7.9600e-003	0.7387	0.0208	0.7595	0.1968	0.0204	0.2172	0.0000	905.7540	905.7540	0.0541	0.0347	917.4534

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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Energy	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Mobile	0.3134	0.3587	3.2281	6.9500e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		708.3270	708.3270	0.0494	0.0311	718.8344
Total	0.6312	0.5192	3.8713	7.9600e-003	0.7387	0.0208	0.7595	0.1968	0.0204	0.2172	0.0000	905.7540	905.7540	0.0541	0.0347	917.4534

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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
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	8/9/2021	8/9/2021	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	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	0.0000	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

[illegible]

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Site Preparation - 2021****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	0.0000
Vendor	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
Worker	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
Total	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

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.3134	0.3587	3.2281	6.9500e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		708.3270	708.3270	0.0494	0.0311	718.8344
Unmitigated	0.3134	0.3587	3.2281	6.9500e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		708.3270	708.3270	0.0494	0.0311	718.8344

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	102.69	102.69	102.69	350,907	350,907
Total	102.69	102.69	102.69	350,907	350,907

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-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374
Single Family Housing	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374

5.0 Energy Detail

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
NaturalGas Unmitigated	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

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					
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
Single Family Housing	542.489	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Total		5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
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
Single Family Housing	0.542489	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Total		5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Unmitigated	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	0.0236					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0122	0.1038	0.0442	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	132.5647	132.5647	2.5400e-003	2.4300e-003	133.3525
Landscaping	0.0174	6.6600e-003	0.5777	3.0000e-005		3.2000e-003	3.2000e-003		3.2000e-003	3.2000e-003		1.0400	1.0400	1.0000e-003		1.0650
Total	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

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	0.0236					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0122	0.1038	0.0442	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	132.5647	132.5647	2.5400e-003	2.4300e-003	133.3525
Landscaping	0.0174	6.6600e-003	0.5777	3.0000e-005		3.2000e-003	3.2000e-003		3.2000e-003	3.2000e-003		1.0400	1.0400	1.0000e-003		1.0650
Total	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

7.0 Water Detail

7.1 Mitigation Measures Water

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Crooked Creek - 2023 Operations Only
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Single Family Housing	7.00	Dwelling Unit	1.90	12,600.00	39

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	10			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	441.9	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - See Assumptions
- Land Use - See Assumptions
- Construction Phase - Construction Modeled Separately
- Off-road Equipment -
- Trips and VMT - Construction Modeled Separately
- Grading - Construction Modeled Separately
- Vehicle Trips - See Assumptions
- Woodstoves - See Assumptions
- Energy Use - See Assumptions
- Water And Wastewater - See Assumptions
- Construction Off-road Equipment Mitigation - See Assumptions

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water Mitigation - Title 24 Compliance

Off-road Equipment - Construction Modeled Separately

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	3.00	1.00
tblFireplaces	NumberGas	5.95	6.26
tblFireplaces	NumberNoFireplace	0.70	0.74
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	2.27	1.90
tblLandUse	Population	20.00	39.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	441.9
tblVehicleTrips	ST_TR	9.54	14.67
tblVehicleTrips	SU_TR	8.55	14.67
tblVehicleTrips	WD_TR	9.44	14.67
tblWater	AerobicPercent	87.46	97.54
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	0.35	0.00
tblWoodstoves	NumberNoncatalytic	0.35	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

[illegible]

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Energy	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Mobile	0.3190	0.3319	3.3099	7.2600e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		739.8925	739.8925	0.0480	0.0298	749.9665
Total	0.6367	0.4924	3.9531	8.2700e-003	0.7387	0.0208	0.7595	0.1968	0.0204	0.2172	0.0000	937.3195	937.3195	0.0528	0.0334	948.5855

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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Energy	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Mobile	0.3190	0.3319	3.3099	7.2600e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		739.8925	739.8925	0.0480	0.0298	749.9665
Total	0.6367	0.4924	3.9531	8.2700e-003	0.7387	0.0208	0.7595	0.1968	0.0204	0.2172	0.0000	937.3195	937.3195	0.0528	0.0334	948.5855

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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
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	8/9/2021	8/9/2021	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	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	0.0000	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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

[illegible]

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Site Preparation - 2021****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	0.0000
Vendor	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
Worker	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
Total	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

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.3190	0.3319	3.3099	7.2600e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		739.8925	739.8925	0.0480	0.0298	749.9665
Unmitigated	0.3190	0.3319	3.3099	7.2600e-003	0.7387	5.1700e-003	0.7439	0.1968	4.8000e-003	0.2016		739.8925	739.8925	0.0480	0.0298	749.9665

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	102.69	102.69	102.69	350,907	350,907
Total	102.69	102.69	102.69	350,907	350,907

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374
Single Family Housing	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374

5.0 Energy Detail

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
NaturalGas Unmitigated	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

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					
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
Single Family Housing	542.489	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Total		5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
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
Single Family Housing	0.542489	5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015
Total		5.8500e-003	0.0500	0.0213	3.2000e-004		4.0400e-003	4.0400e-003		4.0400e-003	4.0400e-003		63.8223	63.8223	1.2200e-003	1.1700e-003	64.2015

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	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175
Unmitigated	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	0.0236					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0122	0.1038	0.0442	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	132.5647	132.5647	2.5400e-003	2.4300e-003	133.3525
Landscaping	0.0174	6.6600e-003	0.5777	3.0000e-005		3.2000e-003	3.2000e-003		3.2000e-003	3.2000e-003		1.0400	1.0400	1.0000e-003		1.0650
Total	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

Crooked Creek - 2023 Operations Only - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****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	0.0236					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2587					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0122	0.1038	0.0442	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	132.5647	132.5647	2.5400e-003	2.4300e-003	133.3525
Landscaping	0.0174	6.6600e-003	0.5777	3.0000e-005		3.2000e-003	3.2000e-003		3.2000e-003	3.2000e-003		1.0400	1.0400	1.0000e-003		1.0650
Total	0.3119	0.1105	0.6219	6.9000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	133.6047	133.6047	3.5400e-003	2.4300e-003	134.4175

7.0 Water Detail**7.1 Mitigation Measures Water**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

5. EMFAC2017

**Crooked Creek
Total On-Road Emissions**

Crooked Creek
Total On-Road Emissions

Date: 11/6/2020

260		Max construction days per year			
Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
<u>Site Preparation</u>	2021				
Total Haul Trips	50				
Hauling	10	5	10	20	15
Vendor	0	5	10	6.9	15
Worker	16	5	10	14.7	0
<u>Grading</u>	2021				
Total Haul Trips	570				
Hauling	40	45	10	20	15
Vendor	0	45	10	6.9	15
Worker	20	45	10	14.7	0
<u>Trenching</u>	2021				
Total Haul Trips	0				
Hauling	0	60	10	20	15
Vendor	10	60	10	6.9	15
Worker	28	60	10	14.7	0
<u>Paving</u>	2021				
Total Haul Trips	0				
Hauling	0	30	10	20	15
Vendor	0	30	10	6.9	15
Worker	30	30	10	14.7	0
<u>Building Construction</u>	2021				
Total Haul Trips	0				
Hauling	0	180	10	20	15
Vendor	10	180	10	6.9	15
Worker	28	180	10	14.7	0

Crooked Creek
Total On-Road Emissions

Construction Phase	Regional Emissions (pounds/day)										(MT/yr) Total CO2e
	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	
<u>Site Preparation</u>											
Total Haul Trips											
Hauling	0.12	2.65	1.08	0.01	0.17	0.02	0.20	0.05	0.02	0.07	1.95
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.04	0.56	0.00	0.18	0.00	0.18	0.05	0.00	0.05	0.37
<u>Grading</u>											
Total Haul Trips											
Hauling	0.46	10.61	4.34	0.03	0.70	0.09	0.79	0.19	0.09	0.28	70.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.05	0.70	0.00	0.22	0.00	0.22	0.06	0.00	0.06	4.14
<u>Trenching</u>											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.05	0.95	0.53	0.00	0.06	0.01	0.07	0.02	0.01	0.03	7.97
Worker	0.02	0.08	0.98	0.00	0.31	0.00	0.31	0.08	0.00	0.08	7.73
<u>Paving</u>											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.02	0.08	1.05	0.00	0.34	0.00	0.34	0.09	0.00	0.09	4.14
<u>Building Construction</u>											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.05	0.95	0.53	0.00	0.06	0.01	0.07	0.02	0.01	0.03	23.90
Worker	0.02	0.08	0.98	0.00	0.31	0.00	0.31	0.08	0.00	0.08	23.18

**Crooked Creek
Running Emissions**

**Crooked Creek
Running Emissions**

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
2020Hauling Hauling	0.15227033	4.584609715	0.77352785	0.01421514	0.05991493	0.057323
2020Vendor Vendor	0.15052095	3.661476833	0.82032612	0.01250546	0.0674547	0.06453309
2020Worker Worker	0.02663624	0.096047906	1.20380709	0.00316067	0.00236654	0.00217932
2021Hauling Hauling	0.12467436	4.127586075	0.70244559	0.01389473	0.04956172	0.04741766
2021Vendor Vendor	0.12175156	3.217634225	0.70325362	0.01222293	0.05527116	0.05287672
2021Worker Worker	0.022967	0.08298597	1.08378013	0.00306823	0.00220311	0.00202865
2022Hauling Hauling	0.08103572	3.571515626	0.57499969	0.01347655	0.0279869	0.02677616
2022Vendor Vendor	0.0717977	2.602453214	0.52331731	0.01185125	0.02991351	0.02861613
2022Worker Worker	0.01983592	0.072208852	0.98313613	0.00297251	0.0020568	0.0018938
2023Hauling Hauling	0.02463044	2.696920068	0.45130496	0.01267644	0.01843607	0.0176385
2023Vendor Vendor	0.01991806	1.889760516	0.36497107	0.01125961	0.01227567	0.01174136
2023Worker Worker	0.01716255	0.063162071	0.89786604	0.00287684	0.00193615	0.00178255
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5

Site Preparation

2021

Total Haul Trips	50									
Hauling	10	5	10	20	0.05	1.82	0.31	0.01	0.02	0.02
Vendor	0	5	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	5	10	14.7	0.01	0.04	0.56	0.00	0.00	0.00

Grading

2021

Total Haul Trips	570									
Hauling	40	45	10	20	0.22	7.28	1.24	0.02	0.09	0.08
Vendor	0	45	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	45	10	14.7	0.01	0.05	0.70	0.00	0.00	0.00

**Crooked Creek
Running Emissions**

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
2020Hauling Hauling	0.15227033	4.584609715	0.77352785	0.01421514	0.05991493	0.057323
2020Vendor Vendor	0.15052095	3.661476833	0.82032612	0.01250546	0.0674547	0.06453309
2020Worker Worker	0.02663624	0.096047906	1.20380709	0.00316067	0.00236654	0.00217932
2021Hauling Hauling	0.12467436	4.127586075	0.70244559	0.01389473	0.04956172	0.04741766
2021Vendor Vendor	0.12175156	3.217634225	0.70325362	0.01222293	0.05527116	0.05287672
2021Worker Worker	0.022967	0.08298597	1.08378013	0.00306823	0.00220311	0.00202865
2022Hauling Hauling	0.08103572	3.571515626	0.57499969	0.01347655	0.0279869	0.02677616
2022Vendor Vendor	0.0717977	2.602453214	0.52331731	0.01185125	0.02991351	0.02861613
2022Worker Worker	0.01983592	0.072208852	0.98313613	0.00297251	0.0020568	0.0018938
2023Hauling Hauling	0.02463044	2.696920068	0.45130496	0.01267644	0.01843607	0.0176385
2023Vendor Vendor	0.01991806	1.889760516	0.36497107	0.01125961	0.01227567	0.01174136
2023Worker Worker	0.01716255	0.063162071	0.89786604	0.00287684	0.00193615	0.00178255
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
<u>Trenching</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	60	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	60	10	6.9	0.02	0.49	0.11	0.00	0.01	0.01
Worker	28	60	10	14.7	0.02	0.08	0.98	0.00	0.00	0.00
<u>Paving</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	30	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	10	14.7	0.02	0.08	1.05	0.00	0.00	0.00

**Crooked Creek
Running Emissions**

	Running Emissions Factor					
	(grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
2020Hauling Hauling	0.15227033	4.584609715	0.77352785	0.01421514	0.05991493	0.057323
2020Vendor Vendor	0.15052095	3.661476833	0.82032612	0.01250546	0.0674547	0.06453309
2020Worker Worker	0.02663624	0.096047906	1.20380709	0.00316067	0.00236654	0.00217932
2021Hauling Hauling	0.12467436	4.127586075	0.70244559	0.01389473	0.04956172	0.04741766
2021Vendor Vendor	0.12175156	3.217634225	0.70325362	0.01222293	0.05527116	0.05287672
2021Worker Worker	0.022967	0.08298597	1.08378013	0.00306823	0.00220311	0.00202865
2022Hauling Hauling	0.08103572	3.571515626	0.57499969	0.01347655	0.0279869	0.02677616
2022Vendor Vendor	0.0717977	2.602453214	0.52331731	0.01185125	0.02991351	0.02861613
2022Worker Worker	0.01983592	0.072208852	0.98313613	0.00297251	0.0020568	0.0018938
2023Hauling Hauling	0.02463044	2.696920068	0.45130496	0.01267644	0.01843607	0.0176385
2023Vendor Vendor	0.01991806	1.889760516	0.36497107	0.01125961	0.01227567	0.01174136
2023Worker Worker	0.01716255	0.063162071	0.89786604	0.00287684	0.00193615	0.00178255
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions					
					(pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
<u>Building Construction</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	180	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	180	10	6.9	0.02	0.49	0.11	0.00	0.01	0.01
Worker	28	180	10	14.7	0.02	0.08	0.98	0.00	0.00	0.00
<u>Construction Phase</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	1	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	1	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	1	10	14.7	0.01	0.04	0.53	0.00	0.00	0.00

**Crooked Creek
Running Emissions**

Running Emissions Factor (grams/mile)			
	CO2	CH4	N2O
2020Hauling Hauling	1551.87916	0.08112809	0.24599271
2020Vendor Vendor	1340.46338	0.04529837	0.19169371
2020Worker Worker	319.213135	0.00617495	0.00790785
2021Hauling Hauling	1520.07529	0.08121693	0.2410944
2021Vendor Vendor	1311.85371	0.04440854	0.18764154
2021Worker Worker	310.627922	0.00538825	0.00712331
2022Hauling Hauling	1477.43548	0.08019506	0.23446951
2022Vendor Vendor	1273.54109	0.04239589	0.18204996
2022Worker Worker	302.259105	0.00471177	0.00646256
2023Hauling Hauling	1394.21089	0.07850131	0.22145577
2023Vendor Vendor	1211.83967	0.04029686	0.17274956
2023Worker Worker	294.395488	0.00413135	0.00590029
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e

Site Preparation

2021

Total Haul Trips	50							
Hauling	10	5	10	20	1.52	0.00	0.07	1.59
Vendor	0	5	10	6.9	0.00	0.00	0.00	0.00
Worker	16	5	10	14.7	0.37	0.00	0.00	0.37

Grading

2021

Total Haul Trips	570							
Hauling	40	45	10	20	54.72	0.07	2.52	57.31
Vendor	0	45	10	6.9	0.00	0.00	0.00	0.00
Worker	20	45	10	14.7	4.11	0.00	0.03	4.14

**Crooked Creek
Running Emissions**

Running Emissions Factor (grams/mile)			
	CO2	CH4	N2O
2020Hauling Hauling	1551.87916	0.08112809	0.24599271
2020Vendor Vendor	1340.46338	0.04529837	0.19169371
2020Worker Worker	319.213135	0.00617495	0.00790785
2021Hauling Hauling	1520.07529	0.08121693	0.2410944
2021Vendor Vendor	1311.85371	0.04440854	0.18764154
2021Worker Worker	310.627922	0.00538825	0.00712331
2022Hauling Hauling	1477.43548	0.08019506	0.23446951
2022Vendor Vendor	1273.54109	0.04239589	0.18204996
2022Worker Worker	302.259105	0.00471177	0.00646256
2023Hauling Hauling	1394.21089	0.07850131	0.22145577
2023Vendor Vendor	1211.83967	0.04029686	0.17274956
2023Worker Worker	294.395488	0.00413135	0.00590029
GWP	1	25	290

Construction Phase	Daily	Haul Days per Phase	Work Hours per Day	One-Way Trip Distance per Day (miles)	Regional Emissions			
	One-Way Trips				(MT/year)			
		(days)	(hours/day)		CO2	CH4	N2O	CO2e
<u>Trenching</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	60	10	20	0.00	0.00	0.00	0.00
Vendor	10	60	10	6.9	5.43	0.00	0.23	5.66
Worker	28	60	10	14.7	7.67	0.00	0.05	7.73
<u>Paving</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	30	10	20	0.00	0.00	0.00	0.00
Vendor	0	30	10	6.9	0.00	0.00	0.00	0.00
Worker	30	30	10	14.7	4.11	0.00	0.03	4.14

**Crooked Creek
Running Emissions**

Running Emissions Factor (grams/mile)			
	CO2	CH4	N2O
2020Hauling Hauling	1551.87916	0.08112809	0.24599271
2020Vendor Vendor	1340.46338	0.04529837	0.19169371
2020Worker Worker	319.213135	0.00617495	0.00790785
2021Hauling Hauling	1520.07529	0.08121693	0.2410944
2021Vendor Vendor	1311.85371	0.04440854	0.18764154
2021Worker Worker	310.627922	0.00538825	0.00712331
2022Hauling Hauling	1477.43548	0.08019506	0.23446951
2022Vendor Vendor	1273.54109	0.04239589	0.18204996
2022Worker Worker	302.259105	0.00471177	0.00646256
2023Hauling Hauling	1394.21089	0.07850131	0.22145577
2023Vendor Vendor	1211.83967	0.04029686	0.17274956
2023Worker Worker	294.395488	0.00413135	0.00590029
GWP	1	25	290

Construction Phase	Daily	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year)			
	One-Way Trips				CO2	CH4	N2O	CO2e
<u>Building Construction</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	180	10	20	0.00	0.00	0.00	0.00
Vendor	10	180	10	6.9	16.29	0.01	0.68	16.98
Worker	28	180	10	14.7	23.01	0.01	0.15	23.18
<u>Construction Phase</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	1	10	20	0.00	0.00	0.00	0.00
Vendor	0	1	10	6.9	0.00	0.00	0.00	0.00
Worker	15	1	10	14.7	0.07	0.00	0.00	0.07

**Crooked Creek
Idling Emissions**

**Crooked Creek
Idling Emissions**

		Idling Emissions Factor (grams/minute)					
		ROG	NOX	CO	SO2	PM10	PM2.5
2020	Hauling Hauling	0.18286899	2.533821575	2.23337928	0.00420927	0.0051629	0.00493956
2020	Vendor Vendor	0.09721442	1.412656684	1.20889691	0.0022601	0.0031052	0.00297087
2020	Worker Worker	0	0	0	0	0	0
2021	Hauling Hauling	0.18203757	2.514257339	2.34424676	0.00425698	0.00364827	0.00349045
2021	Vendor Vendor	0.09655158	1.389498887	1.26412887	0.00228127	0.00225118	0.00215379
2021	Worker Worker	0	0	0	0	0	0
2022	Hauling Hauling	0.17992826	2.494221613	2.47137063	0.00431707	0.00153707	0.00147058
2022	Vendor Vendor	0.09512038	1.358206146	1.32735389	0.00230801	0.00101987	0.00097575
2022	Worker Worker	0	0	0	0	0	0
2023	Hauling Hauling	0.1794334	2.268893827	2.65540888	0.00413434	0.00124387	0.00119006
2023	Vendor Vendor	0.09453686	1.21688302	1.42143188	0.00221115	0.00069792	0.00066773
2023	Worker Worker	0	0	0	0	0	0
GWP		N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5

Site Preparation

2021

Total Haul Trips	50									
Hauling	10	5	10	15	0.06	0.83	0.78	0.00	0.00	0.00
Vendor	0	5	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	5	10	0	0.00	0.00	0.00	0.00	0.00	0.00

Grading

2021

Total Haul Trips	570									
Hauling	40	45	10	15	0.24	3.33	3.10	0.01	0.00	0.00
Vendor	0	45	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	45	10	0	0.00	0.00	0.00	0.00	0.00	0.00

**Crooked Creek
Idling Emissions**

		Idling Emissions Factor (grams/minute)					
		ROG	NOX	CO	SO2	PM10	PM2.5
2020	Hauling Hauling	0.18286899	2.533821575	2.23337928	0.00420927	0.0051629	0.00493956
2020	Vendor Vendor	0.09721442	1.412656684	1.20889691	0.0022601	0.0031052	0.00297087
2020	Worker Worker	0	0	0	0	0	0
2021	Hauling Hauling	0.18203757	2.514257339	2.34424676	0.00425698	0.00364827	0.00349045
2021	Vendor Vendor	0.09655158	1.389498887	1.26412887	0.00228127	0.00225118	0.00215379
2021	Worker Worker	0	0	0	0	0	0
2022	Hauling Hauling	0.17992826	2.494221613	2.47137063	0.00431707	0.00153707	0.00147058
2022	Vendor Vendor	0.09512038	1.358206146	1.32735389	0.00230801	0.00101987	0.00097575
2022	Worker Worker	0	0	0	0	0	0
2023	Hauling Hauling	0.1794334	2.268893827	2.65540888	0.00413434	0.00124387	0.00119006
2023	Vendor Vendor	0.09453686	1.21688302	1.42143188	0.00221115	0.00069792	0.00066773
2023	Worker Worker	0	0	0	0	0	0
GWP		N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
<u>Trenching</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	60	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	60	10	15	0.03	0.46	0.42	0.00	0.00	0.00
Worker	28	60	10	0	0.00	0.00	0.00	0.00	0.00	0.00
<u>Paving</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	30	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	10	0	0.00	0.00	0.00	0.00	0.00	0.00

**Crooked Creek
Idling Emissions**

		Idling Emissions Factor (grams/minute)					
		ROG	NOX	CO	SO2	PM10	PM2.5
2020	Hauling Hauling	0.18286899	2.533821575	2.23337928	0.00420927	0.0051629	0.00493956
2020	Vendor Vendor	0.09721442	1.412656684	1.20889691	0.0022601	0.0031052	0.00297087
2020	Worker Worker	0	0	0	0	0	0
2021	Hauling Hauling	0.18203757	2.514257339	2.34424676	0.00425698	0.00364827	0.00349045
2021	Vendor Vendor	0.09655158	1.389498887	1.26412887	0.00228127	0.00225118	0.00215379
2021	Worker Worker	0	0	0	0	0	0
2022	Hauling Hauling	0.17992826	2.494221613	2.47137063	0.00431707	0.00153707	0.00147058
2022	Vendor Vendor	0.09512038	1.358206146	1.32735389	0.00230801	0.00101987	0.00097575
2022	Worker Worker	0	0	0	0	0	0
2023	Hauling Hauling	0.1794334	2.268893827	2.65540888	0.00413434	0.00124387	0.00119006
2023	Vendor Vendor	0.09453686	1.21688302	1.42143188	0.00221115	0.00069792	0.00066773
2023	Worker Worker	0	0	0	0	0	0
GWP		N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
<u>Building Construction</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	180	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	180	10	15	0.03	0.46	0.42	0.00	0.00	0.00
Worker	28	180	10	0	0.00	0.00	0.00	0.00	0.00	0.00
<u>Construction Phase</u>	<u>2021</u>									
Total Haul Trips	0									
Hauling	0	1	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	1	10	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	1	10	0	0.00	0.00	0.00	0.00	0.00	0.00

**Crooked Creek
Idling Emissions**

		Idling Emissions Factor (grams/minute)		
		CO2	CH4	N2O
2020	Hauling Hauling	452.096291	0.0105653	0.0713691
2020	Vendor Vendor	242.407205	0.00632286	0.03796302
2020	Worker Worker	0	0	0
2021	Hauling Hauling	457.401286	0.01060122	0.07221486
2021	Vendor Vendor	244.777779	0.00633167	0.03834928
2021	Worker Worker	0	0	0
2022	Hauling Hauling	463.979458	0.01057258	0.07325903
2022	Vendor Vendor	247.718477	0.00631023	0.03882087
2022	Worker Worker	0	0	0
2023	Hauling Hauling	444.864297	0.01062746	0.07026495
2023	Vendor Vendor	237.578447	0.00634204	0.03723243
2023	Worker Worker	0	0	0
GWP		1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e

Site Preparation

2021

Total Haul Trips	50							
Hauling	10	5	10	15	0.34	0.00	0.02	0.36
Vendor	0	5	10	15	0.00	0.00	0.00	0.00
Worker	16	5	10	0	0.00	0.00	0.00	0.00

Grading

2021

Total Haul Trips	570							
Hauling	40	45	10	15	12.35	0.01	0.57	12.92
Vendor	0	45	10	15	0.00	0.00	0.00	0.00
Worker	20	45	10	0	0.00	0.00	0.00	0.00

Crooked Creek
Idling Emissions

Idling Emissions Factor (grams/minute)			
	CO2	CH4	N2O
2020Hauling Hauling	452.096291	0.0105653	0.0713691
2020Vendor Vendor	242.407205	0.00632286	0.03796302
2020Worker Worker	0	0	0
2021Hauling Hauling	457.401286	0.01060122	0.07221486
2021Vendor Vendor	244.777779	0.00633167	0.03834928
2021Worker Worker	0	0	0
2022Hauling Hauling	463.979458	0.01057258	0.07325903
2022Vendor Vendor	247.718477	0.00631023	0.03882087
2022Worker Worker	0	0	0
2023Hauling Hauling	444.864297	0.01062746	0.07026495
2023Vendor Vendor	237.578447	0.00634204	0.03723243
2023Worker Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e
<u>Trenching</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	60	10	15	0.00	0.00	0.00	0.00
Vendor	10	60	10	15	2.20	0.00	0.10	2.30
Worker	28	60	10	0	0.00	0.00	0.00	0.00
<u>Paving</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	30	10	15	0.00	0.00	0.00	0.00
Vendor	0	30	10	15	0.00	0.00	0.00	0.00
Worker	30	30	10	0	0.00	0.00	0.00	0.00

**Crooked Creek
Idling Emissions**

Idling Emissions Factor (grams/minute)			
	CO2	CH4	N2O
2020Hauling Hauling	452.096291	0.0105653	0.0713691
2020Vendor Vendor	242.407205	0.00632286	0.03796302
2020Worker Worker	0	0	0
2021Hauling Hauling	457.401286	0.01060122	0.07221486
2021Vendor Vendor	244.777779	0.00633167	0.03834928
2021Worker Worker	0	0	0
2022Hauling Hauling	463.979458	0.01057258	0.07325903
2022Vendor Vendor	247.718477	0.00631023	0.03882087
2022Worker Worker	0	0	0
2023Hauling Hauling	444.864297	0.01062746	0.07026495
2023Vendor Vendor	237.578447	0.00634204	0.03723243
2023Worker Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e
<u>Building Construction</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	180	10	15	0.00	0.00	0.00	0.00
Vendor	10	180	10	15	6.61	0.00	0.30	6.91
Worker	28	180	10	0	0.00	0.00	0.00	0.00
<u>Construction Phase</u>	<u>2021</u>							
Total Haul Trips	0							
Hauling	0	1	10	15	0.00	0.00	0.00	0.00
Vendor	0	1	10	15	0.00	0.00	0.00	0.00
Worker	15	1	10	0	0.00	0.00	0.00	0.00

Crooked Creek
Road Dust, Break Wear, and Tire wear Emissions

Crooked Creek
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	RD	PM10 BW	TW	RD	PM2.5 BW	TW
2020Hauling Hauling	3.00E-01	0.061039688	0.03557827	7.36E-02	0.02615987	0.00889457
2020Vendor Vendor	3.00E-01	0.095689863	0.02378913	7.36E-02	0.04100994	0.00594728
2020Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2021Hauling Hauling	3.00E-01	0.061048007	0.03558331	7.36E-02	0.02616343	0.00889583
2021Vendor Vendor	3.00E-01	0.095694022	0.02379166	7.36E-02	0.04101172	0.00594791
2021Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2022Hauling Hauling	3.00E-01	0.061055751	0.0355879	7.36E-02	0.02616675	0.00889698
2022Vendor Vendor	3.00E-01	0.095697894	0.02379395	7.36E-02	0.04101338	0.00594849
2022Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2023Hauling Hauling	3.00E-01	0.061063462	0.03559233	7.36E-02	0.02617005	0.00889808
2023Vendor Vendor	3.00E-01	0.095701749	0.02379617	7.36E-02	0.04101504	0.00594904
2023Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					RD	PM10 BW	TW	RD	PM2.5 BW	TW

<u>Site Preparation</u>	2021									
Total Haul Trips	50									
Hauling	10	5	10	20	0.13	0.03	0.02	0.03	0.01	0.00
Vendor	0	5	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	16	5	10	14.7	0.16	0.02	0.00	0.04	0.01	0.00

<u>Grading</u>	2021									
Total Haul Trips	570									
Hauling	40	45	10	20	0.53	0.11	0.06	0.13	0.05	0.02
Vendor	0	45	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	20	45	10	14.7	0.19	0.02	0.01	0.05	0.01	0.00

Crooked Creek
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	RD	PM10 BW	TW	RD	PM2.5 BW	TW
2020Hauling Hauling	3.00E-01	0.061039688	0.03557827	7.36E-02	0.02615987	0.00889457
2020Vendor Vendor	3.00E-01	0.095689863	0.02378913	7.36E-02	0.04100994	0.00594728
2020Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2021Hauling Hauling	3.00E-01	0.061048007	0.03558331	7.36E-02	0.02616343	0.00889583
2021Vendor Vendor	3.00E-01	0.095694022	0.02379166	7.36E-02	0.04101172	0.00594791
2021Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2022Hauling Hauling	3.00E-01	0.061055751	0.0355879	7.36E-02	0.02616675	0.00889698
2022Vendor Vendor	3.00E-01	0.095697894	0.02379395	7.36E-02	0.04101338	0.00594849
2022Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2023Hauling Hauling	3.00E-01	0.061063462	0.03559233	7.36E-02	0.02617005	0.00889808
2023Vendor Vendor	3.00E-01	0.095701749	0.02379617	7.36E-02	0.04101504	0.00594904
2023Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					RD	PM10 BW	TW	RD	PM2.5 BW	TW
<u>Trenching</u>	2021									
Total Haul Trips	0									
Hauling	0	60	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	60	10	6.9	0.05	0.01	0.00	0.01	0.01	0.00
Worker	28	60	10	14.7	0.27	0.03	0.01	0.07	0.01	0.00
<u>Paving</u>	2021									
Total Haul Trips	0									
Hauling	0	30	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	30	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	30	30	10	14.7	0.29	0.04	0.01	0.07	0.02	0.00

Crooked Creek
Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	RD	PM10 BW	TW	RD	PM2.5 BW	TW
2020Hauling Hauling	3.00E-01	0.061039688	0.03557827	7.36E-02	0.02615987	0.00889457
2020Vendor Vendor	3.00E-01	0.095689863	0.02378913	7.36E-02	0.04100994	0.00594728
2020Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2021Hauling Hauling	3.00E-01	0.061048007	0.03558331	7.36E-02	0.02616343	0.00889583
2021Vendor Vendor	3.00E-01	0.095694022	0.02379166	7.36E-02	0.04101172	0.00594791
2021Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2022Hauling Hauling	3.00E-01	0.061055751	0.0355879	7.36E-02	0.02616675	0.00889698
2022Vendor Vendor	3.00E-01	0.095697894	0.02379395	7.36E-02	0.04101338	0.00594849
2022Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002
2023Hauling Hauling	3.00E-01	0.061063462	0.03559233	7.36E-02	0.02617005	0.00889808
2023Vendor Vendor	3.00E-01	0.095701749	0.02379617	7.36E-02	0.04101504	0.00594904
2023Worker Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					RD	PM10 BW	TW	RD	PM2.5 BW	TW
<u>Building Construction</u>	2021									
Total Haul Trips	0									
Hauling	0	180	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	10	180	10	6.9	0.05	0.01	0.00	0.01	0.01	0.00
Worker	28	180	10	14.7	0.27	0.03	0.01	0.07	0.01	0.00
<u>Construction Phase</u>	2021									
Total Haul Trips	0									
Hauling	0	1	10	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	1	10	6.9	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	1	10	14.7	0.15	0.02	0.00	0.04	0.01	0.00

**Crooked Creek
Road Dust**

Crooked Creek Road Dust

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
 k = particle size multiplier
 sL = road surface silt loading (g/m^2)
 W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k (s / 12)^1 \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C$

Where:

$EF_{Dust,U}$ = Unpaved Road Dust Emission Factor (having the same units as k)
 k = particle size multiplier
 s = surface material silt content (%)
 Sp = mean vehicle speed (mph)
 M = surface material moisture content (%)
 C = Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.

CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document*, (1997).

USEPA, *AP-42*, Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).

PCR Services Corporation, 2013.

Crooked Creek
Operational CalEEMod Input Values

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2023
	Fleet Mix	0.550055	0.061999	0.187347	0.118405	0.023673534	0.006205945	0.017908	0.025212371	0.001415	0.001677506	0.004553	0.000633899	0.000916	
A	CH4_IDLEX	0	0	0	0	0.005341228	0.003712879	0.004392	0.027227663	0.008319	0	0	0.071785716	0	
A	CH4_RUNEX	0.002656	0.006771	0.004441	0.005714	0.005035787	0.003556755	0.002092	0.078501309	0.004989	5.800568515	0.379288	0.006707333	0.008781	
A	CH4_STREX	0.046073	0.064872	0.062385	0.073979	0.014715957	0.010081666	0.012041	5.28625E-07	0.021382	0.010566858	0.234051	0.006497706	0.022792	
A	CO_IDLEX	0	0	0	0	0.187496048	0.149560895	0.400362	6.803182158	0.612907	0	0	2.923984637	0	
A	CO_RUNEX	0.670321	1.309725	0.941098	1.095103	0.608194007	0.406153178	0.278637	0.451304961	0.620386	45.06839957	18.9352	0.556719675	0.988477	
A	CO_STREX	2.039597	2.1932	2.559273	2.932803	1.080259872	0.71390465	1.362371	0.00931447	2.34127	0.707780496	8.557288	0.8884247	2.045533	
A	CO2_NBIO_IDLEX	0	0	0	0	8.828413376	13.39823667	64.69823	1139.746454	90.54134	0	0	351.6645617	0	
A	CO2_NBIO_RUNEX	266	313.673	331.9089	408.5745	678.3798365	683.9600935	1029.468	1394.210887	1356.728	1984.829161	223.4303	1094.464524	1476.532	
A	CO2_NBIO_STREX	52.33333	62.25538	66.58469	80.97341	12.00730253	9.140609456	11.94129	0.082638785	19.00763	8.334550477	59.30115	5.486761269	18.8843	
A	NOX_IDLEX	0	0	0	0	0.052277663	0.082628908	0.35213	5.81292702	0.351616	0	0	3.110328401	0	
A	NOX_RUNEX	0.035945	0.105688	0.075071	0.097771	0.507355531	0.668093032	1.082601	2.696920068	1.162346	0.479263791	1.132581	4.585826512	1.060805	
A	NOX_STREX	0.17099	0.237619	0.254933	0.311188	0.314532993	0.216677457	1.586182	2.351506829	0.83884	0.079907641	0.263867	0.931894421	0.248147	
A	PM10_IDLEX	0	0	0	0	0.000789785	0.00128262	0.000325	0.003186817	0.000119	0	0	0.003734366	0	
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061063462	0.13034	0.072533753	0.01176	0.74480021	0.13034	
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009738166	0.010581485	0.012	0.03559233	0.012	0.031933136	0.004	0.010683271	0.013006	
A	PM10_RUNEX	0.001708	0.002515	0.001814	0.001947	0.005296614	0.008787021	0.006115	0.018436071	0.007056	0.003236842	0.002469	0.026610523	0.018805	
A	PM10_STREX	0.001759	0.002454	0.001816	0.001935	0.000268037	0.000151005	0.000134	1.31266E-06	0.0002	5.62455E-05	0.003157	5.55537E-05	0.000267	
A	PM25_IDLEX	0	0	0	0	0.000755619	0.001227135	0.000311	0.003048957	0.000114	0	0	0.003572819	0	
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026170055	0.05586	0.031085894	0.00504	0.31920009	0.05586	
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002434541	0.002645371	0.003	0.008898083	0.003	0.007983284	0.001	0.002670818	0.003252	
A	PM25_RUNEX	0.001573	0.002315	0.001669	0.001794	0.005035256	0.00838737	0.005844	0.017638496	0.006736	0.003093044	0.002306	0.02544524	0.017953	
A	PM25_STREX	0.001618	0.002256	0.001669	0.001779	0.00024645	0.000138844	0.000123	1.20694E-06	0.000184	5.17157E-05	0.002967	5.10796E-05	0.000245	
A	ROG_DIURN	0.229669	0.543946	0.328898	0.373847	0.03523992	0.02124685	0.000617	5.71756E-06	0.001842	0.000538425	2.159722	0.000946067	0.747323	
A	ROG_HTSK	0.095148	0.184908	0.116733	0.1341	0.075320754	0.04953627	0.025864	0.000221898	0.02229	0.007292497	0.643015	0.008234678	0.052752	
A	ROG_IDLEX	0	0	0	0	0.021373632	0.017228259	0.02059	0.459710046	0.052291	0	0	0.333707916	0	
A	ROG_RESTL	0.220218	0.463569	0.335983	0.398611	0.021723735	0.013437607	0.000406	4.04497E-06	0.000951	0.00042715	1.314717	0.000513056	0.319734	
A	ROG_RUNEX	0.010284	0.029837	0.018245	0.024416	0.045307448	0.04729387	0.015206	0.024630438	0.029057	0.084511387	2.595729	0.090378654	0.050531	
A	ROG_RUNLS	0.203247	0.649061	0.391918	0.414234	0.518164702	0.313682087	0.13622	0.001155185	0.267452	0.046294109	1.895528	0.051116459	1.305033	
A	ROG_STREX	0.204253	0.320402	0.287425	0.360956	0.072430457	0.049489583	0.063413	2.78586E-06	0.112313	0.045671812	1.807569	0.037466117	0.091666	
A	SO2_IDLEX	0	0	0	0	8.57389E-05	0.000128421	0.000615	0.010592217	0.000861	0	0	0.003356136	0	
A	SO2_RUNEX	0.002596	0.003063	0.003252	0.003996	0.006367021	0.006319919	0.009843	0.012676444	0.013119	0.001517337	0.002211	0.010466544	0.014505	
A	SO2_STREX	0.000511	0.000608	0.000651	0.000791	0.000118822	9.04537E-05	0.000118	8.17778E-07	0.000188	8.24771E-05	0.000587	5.4296E-05	0.000187	
A	TOG_DIURN	0.229669	0.543946	0.328898	0.373847	0.03523992	0.02124685	0.000617	5.71756E-06	0.001842	0.000538425	2.159722	0.000946067	0.747323	
A	TOG_HTSK	0.095148	0.184908	0.116733	0.1341	0.075320754	0.04953627	0.025864	0.000221898	0.02229	0.007292497	0.643015	0.008234678	0.052752	
A	TOG_IDLEX	0	0	0	0	0.030184566	0.023541156	0.028472	0.529258692	0.068188	0	0	0.480017893	0	
A	TOG_RESTL	0.220218	0.463569	0.335983	0.398611	0.021723735	0.013437607	0.000406	4.04497E-06	0.000951	0.00042715	1.314717	0.000513056	0.319734	
A	TOG_RUNEX	0.014963	0.043555	0.026495	0.035409	0.055533169	0.053346893	0.020052	0.106024545	0.040263	5.921777462	3.231132	0.108030294	0.068441	
A	TOG_RUNLS	0.203247	0.649061	0.391918	0.414234	0.518164702	0.313682087	0.13622	0.001155185	0.267452	0.046294109	1.895528	0.051116459	1.305033	
A	TOG_STREX	0.223644	0.35082	0.314713	0.395222	0.079302233	0.054184864	0.069429	3.05017E-06	0.122969	0.050004885	1.967698	0.041020682	0.100362	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2023
S	CH4_IDLEX	0	0	0	0	0.005352849	0.003721	0.004169	0.028638867	0.008407	0	0	0.071840957	0	
S	CH4_RUNEX	0.002845	0.007188	0.004737	0.006084	0.005134677	0.003595294	0.002136	0.078503019	0.0051	5.800578507	0.372496	0.00678119	0.008986	
S	CH4_STREX	0.0414	0.057968	0.056022	0.066334	0.014205692	0.009734784	0.011603	5.06223E-07	0.020555	0.0098195	0.208935	0.005787197	0.021786	
S	CO_IDLEX	0	0	0	0	0.187496048	0.149560895	0.335047	6.7055789	0.607652	0	0	2.888320602	0	
S	CO_RUNEX	0.738222	1.426704	1.031025	1.196561	0.619903521	0.410952374	0.283358	0.451918621	0.632524	45.06888705	18.24492	0.564348416	1.013974	
S	CO_STREX	1.738796	1.866468	2.180259	2.491004	1.031775496	0.682102726	1.293409	0.008844706	2.21242	0.622424216	7.777119	0.72239212	1.928162	
S	CO2_NBIO_IDLEX	0	0	0	0	8.828413376	13.39823667	64.76334	1126.830795	89.50613	0	0	359.1109182	0	
S	CO2_NBIO_RUNEX	278.0755	325.8564	343.6583	420.962	678.4009471	683.9685909	1029.477	1394.211904	1356.75	1984.830056	222.117	1094.478215	1476.577	
S	CO2_NBIO_STREX	51.77618	61.60948	65.87139	80.13055	11.92139429	9.084047969	11.82356	0.081893803	18.7881	8.187851738	57.3831	5.20977749	18.68536	
S	NOX_IDLEX	0	0	0	0	0.052277663	0.082628908	0.344516	5.557879241	0.33413	0	0	3.172492855	0	
S	NOX_RUNEX	0.031628	0.092385	0.065834	0.085729	0.473805903	0.628586487	1.018154	2.551237291	1.086373	0.47699392	0.988239	4.322963208	0.985632	
S	NOX_STREX	0.158272	0.219995	0.236	0.288043	0.301206841	0.207519861	1.581249	2.351460085	0.828599	0.076406253	0.249971	0.928218084	0.237066	
S	PM10_IDLEX	0	0	0	0	0.000789785	0.00128262	0.000276	0.002775799	0.000106	0	0	0.003155863	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061063462	0.13034	0.072533753	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009738166	0.010581485	0.012	0.03559233	0.012	0.031933136	0.004	0.010683271	0.013006	
S	PM10_RUNEX	0.001708	0.002515	0.001814	0.001947	0.005296614	0.008787021	0.006115	0.018436071	0.007056	0.003236842	0.002469	0.026610523	0.018805	
S	PM10_STREX	0.001759	0.002454	0.001816	0.001935	0.000268037	0.000151005	0.000134	1.31266E-06	0.0002	5.62455E-05	0.003157	5.55537E-05	0.000267	
S	PM25_IDLEX	0	0	0	0	0.000755619	0.001227135	0.000264	0.002655719	0.000101	0	0	0.003019342	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026170055	0.05586	0.031085894	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002434541	0.002645371	0.003	0.008898083	0.003	0.007983284	0.001	0.002670818	0.003252	
S	PM25_RUNEX	0.001573	0.002315	0.001669	0.001794	0.005035256	0.00838737	0.005844	0.017638496	0.006736	0.003093044	0.002306	0.02544524	0.017953	
S	PM25_STREX	0.001618	0.002256	0.001669	0.001779	0.00024645	0.000138844	0.000123	1.20694E-06	0.000184	5.17157E-05	0.002967	5.10796E-05	0.000245	
S	ROG_DIURN	0.35826	0.849449	0.511865	0.583751	0.052829936	0.031689167	0.000925	8.94711E-06	0.002681	0.000782292	3.503081	0.001378155	1.105679	
S	ROG_HTSK	0.098353	0.193368	0.120876	0.138454	0.077628758	0.051281995	0.026709	0.000226447	0.022792	0.007540396	0.712545	0.008381395	0.053967	
S	ROG_IDLEX	0	0	0	0	0.021373632	0.017228259	0.019851	0.48629477	0.053808	0	0	0.333581243	0	
S	ROG_RESTL	0.309016	0.655011	0.467907	0.557036	0.030544042	0.018812699	0.000573	6.10391E-06	0.00133	0.000591663	2.16545	0.000715246	0.456691	
S	ROG_RUNEX	0.010924	0.031529	0.019332	0.025789	0.045828804	0.047464553	0.015405	0.024640695	0.029583	0.084539765	2.534959	0.090749419	0.051606	
S	ROG_RUNLS	0.191469	0.601195	0.364248	0.38681	0.502181838	0.303167596	0.131214	0.001136345	0.26058	0.041921638	1.776237	0.045770983	1.277155	
S	ROG_STREX	0.181979	0.284223	0.25604	0.321018	0.069732213	0.04765645	0.060904	2.67548E-06	0.107759	0.042274728	1.602617	0.033351967	0.087822	
S	SO2_IDLEX	0	0	0	0	8.57389E-05	0.000128421	0.000616	0.010469791	0.000852	0	0	0.003426485	0	
S	SO2_RUNEX	0.002714	0.003182	0.003367	0.004117	0.006367205	0.006319989	0.009843	0.012676454	0.013119	0.001517345	0.002198	0.01046668	0.014506	
S	SO2_STREX	0.000506	0.000602	0.000644	0.000783	0.000117972	8.9894E-05	0.000117	8.10406E-07	0.000186	8.10254E-05	0.000568	5.1555E-05	0.000185	
S	TOG_DIURN	0.35826	0.849449	0.511865	0.583751	0.052829936	0.031689167	0.000925	8.94711E-06	0.002681	0.000782292	3.503081	0.001378155	1.105679	
S	TOG_HTSK	0.098353	0.193368	0.120876	0.138454	0.077628758	0.051281995	0.026709	0.000226447	0.022792	0.007540396	0.712545	0.008381395	0.053967	
S	TOG_IDLEX	0	0	0	0	0.030184566	0.023541156	0.027329	0.559700106	0.069915	0	0	0.479873685	0	
S	TOG_RESTL	0.309016	0.655011	0.467907	0.557036	0.030544042	0.018812699	0.000573	6.10391E-06	0.00133	0.000591663	2.16545	0.000715246	0.456691	
S	TOG_RUNEX	0.015897	0.046026	0.028078	0.037413	0.056396056	0.053648162	0.020343	0.106039511	0.041029	5.92181887	3.15741	0.108571314	0.07001	
S	TOG_RUNLS	0.191469	0.601195	0.364248	0.38681	0.502181838	0.303167596	0.131214	0.001136345	0.26058	0.041921638	1.776237	0.045770983	1.277155	
S	TOG_STREX	0.199256	0.311207	0.280348	0.351492	0.076347996	0.052177814	0.066683	2.92931E-06	0.117982	0.046285506	1.744657	0.036516206	0.096154	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2023
W	CH4_IDLEX	0	0	0	0	0.005339069	0.003711331	0.004715	0.025278859	0.008218		0	0	0.071781546	0
W	CH4_RUNEX	0.002599	0.006642	0.00435	0.005598	0.005010504	0.003546854	0.002079	0.078500821	0.00496	5.80056619	0.380497		0.00668585	0.008727
W	CH4_STREX	0.047061	0.066342	0.063756	0.075597	0.014816914	0.010152024	0.012116	5.33673E-07	0.021573	0.010732641	0.238835		0.006654996	0.023006
W	CO_IDLEX	0	0	0	0	0.187496048	0.149560895	0.491725	6.937967609	0.620164		0	0	2.97323497	0
W	CO_RUNEX	0.645819	1.267122	0.908461	1.057917	0.605247255	0.404917509	0.27735	0.45113358	0.617143	45.06828155	19.03381		0.55445853	0.981919
W	CO_STREX	2.105236	2.265442	2.643881	3.030116	1.08804453	0.719235312	1.375335	0.009404886	2.366606	0.724236445	8.69045		0.918398681	2.065186
W	CO2_NBIO_IDLEX	0	0	0	0	8.828413376	13.39823667	64.60157	1157.582363	91.97092		0	0	341.3814979	0
W	CO2_NBIO_RUNEX	261.5923	309.2111	327.6046	404.0468	678.374506	683.9579017	1029.466	1394.210602	1356.723	1984.828944	223.626		1094.460469	1476.521
W	CO2_NBIO_STREX	52.45432	62.3968	66.74288	81.15759	12.02141666	9.15029945	11.96371	0.082782184	19.05132	8.363172928	59.64296		5.5373383	18.91811
W	NOX_IDLEX	0	0	0	0	0.052277663	0.082628908	0.362645	6.165135857	0.375764		0	0	3.024482251	0
W	NOX_RUNEX	0.034822	0.102592	0.072795	0.094803	0.498047992	0.656041335	1.062069	2.650839173	1.140379	0.478780343	1.105477		4.507734242	1.039964
W	NOX_STREX	0.173663	0.241368	0.258969	0.316052	0.317326341	0.218628742	1.587314	2.351517935	0.841191	0.080703259	0.266912		0.932944897	0.250454
W	PM10_IDLEX	0	0	0	0	0.000789785	0.00128262	0.000391	0.003754413	0.000137		0	0	0.004533252	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061063462	0.13034	0.072533753	0.01176		0.74480021	0.13034
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009738166	0.010581485	0.012	0.03559233	0.012	0.031933136	0.004		0.010683271	0.013006
W	PM10_RUNEX	0.001708	0.002515	0.001814	0.001947	0.005296614	0.008787021	0.006115	0.018436071	0.007056	0.003236842	0.002469		0.026610523	0.018805
W	PM10_STREX	0.001759	0.002454	0.001816	0.001935	0.000268037	0.000151005	0.000134	1.31266E-06	0.0002	5.62455E-05	0.003157		5.55537E-05	0.000267
W	PM25_IDLEX	0	0	0	0	0.000755619	0.001227135	0.000374	0.003591999	0.000131		0	0	0.004337146	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026170055	0.05586	0.031085894	0.00504		0.31920009	0.05586
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002434541	0.002645371	0.003	0.008898083	0.003	0.007983284	0.001		0.002670818	0.003252
W	PM25_RUNEX	0.001573	0.002315	0.001669	0.001794	0.005035256	0.00838737	0.005844	0.017638496	0.006736	0.003093044	0.002306		0.02544524	0.017953
W	PM25_STREX	0.001618	0.002256	0.001669	0.001779	0.00024645	0.000138844	0.000123	1.20694E-06	0.000184	5.17157E-05	0.002967		5.10796E-05	0.000245
W	ROG_DIURN	0.222714	0.542282	0.313981	0.353531	0.036933905	0.021841015	0.000633	5.94163E-06	0.001914	0.000529434	2.349343		0.000950717	0.833434
W	ROG_HTSK	0.102315	0.206819	0.125753	0.143022	0.086119412	0.055476292	0.027862	0.00025117	0.023609	0.007814384	0.827425		0.008582899	0.063554
W	ROG_IDLEX	0	0	0	0	0.021373632	0.017228259	0.021628	0.422997809	0.050196		0	0	0.333882847	0
W	ROG_RESTL	0.209988	0.442455	0.320357	0.380509	0.021393205	0.013014117	0.000395	4.02687E-06	0.000931	0.000406278	1.254056		0.000490981	0.323695
W	ROG_RUNEX	0.010077	0.029284	0.01789	0.023951	0.045172569	0.047249174	0.015151	0.024627511	0.028915	0.084504639	2.606651		0.090269284	0.050248
W	ROG_RUNLS	0.231822	0.767256	0.459705	0.48206	0.561274673	0.341888791	0.14973	0.001228845	0.286484	0.056523758	2.187083		0.062901784	1.378737
W	ROG_STREX	0.20894	0.327992	0.294126	0.369321	0.07295923	0.049859156	0.06397	2.81016E-06	0.113365	0.046428097	1.846882		0.038379544	0.092458
W	SO2_IDLEX	0	0	0	0	8.57389E-05	0.000128421	0.000614	0.010761281	0.000875		0	0	0.003258986	0
W	SO2_RUNEX	0.002553	0.00302	0.00321	0.003952	0.006366975	0.006319901	0.009843	0.012676442	0.013118	0.001517334	0.002213		0.010466504	0.014505
W	SO2_STREX	0.000513	0.00061	0.000652	0.000793	0.000118962	9.05496E-05	0.000118	8.19197E-07	0.000189	8.27604E-05	0.00059		5.47965E-05	0.000187
W	TOG_DIURN	0.222714	0.542282	0.313981	0.353531	0.036933905	0.021841015	0.000633	5.94163E-06	0.001914	0.000529434	2.349343		0.000950717	0.833434
W	TOG_HTSK	0.102315	0.206819	0.125753	0.143022	0.086119412	0.055476292	0.027862	0.00025117	0.023609	0.007814384	0.827425		0.008582899	0.063554
W	TOG_IDLEX	0	0	0	0	0.030184566	0.023541156	0.030077	0.487220549	0.065802		0	0	0.480217038	0
W	TOG_RESTL	0.209988	0.442455	0.320357	0.380509	0.021393205	0.013014117	0.000395	4.02687E-06	0.000931	0.000406278	1.254056		0.000490981	0.323695
W	TOG_RUNEX	0.01466	0.042747	0.025978	0.034732	0.055309933	0.053268002	0.019972	0.106020273	0.040055	5.921767616	3.244393		0.107870702	0.068028
W	TOG_RUNLS	0.231822	0.767256	0.459705	0.48206	0.561274673	0.341888791	0.14973	0.001228845	0.286484	0.056523758	2.187083		0.062901784	1.378737
W	TOG_STREX	0.228776	0.359131	0.32205	0.40438	0.079881173	0.0545895	0.070039	3.07678E-06	0.124121	0.050832922	2.010487		0.042020769	0.10123

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
	Fleet Mix	0.535229	0.066425	0.191655	0.118169	0.024952649	0.00699565	0.019417	0.027616065	0.001442	0.001690931	0.004775	0.000704917	0.000929
A	CH4_IDLEX	0	0	0	0	0.004078756	0.002762132	0.003984	0.027841615	0.008052	0	0	0.096733088	0
A	CH4_RUNEX	0.001321	0.002854	0.002355	0.002581	0.002426571	0.002205174	0.000927	0.083622163	0.002353	5.881121765	0.377592	0.003948268	0.003965
A	CH4_STREX	0.028096	0.036041	0.038709	0.041093	0.008389653	0.005431272	0.008953	4.547E-07	0.017663	0.010642576	0.22807	0.008174074	0.019534
A	CO_IDLEX	0	0	0	0	0.173739626	0.137108527	0.382367	6.777259065	0.688252	0	0	3.915241444	0
A	CO_RUNEX	0.486258	0.727768	0.653234	0.66813	0.26621284	0.225029215	0.125679	0.51612285	0.29143	45.69227615	18.08751	0.345259924	0.255599
A	CO_STREX	1.598568	1.722283	2.082189	2.139429	0.835039345	0.512444407	0.905514	0.007619928	1.864654	0.70518001	8.694009	1.061967234	1.594312
A	CO2_NBIO_IDLEX	0	0	0	0	8.208804645	12.6713118	57.80471	1006.061323	98.22927	0	0	339.1516991	0
A	CO2_NBIO_RUNEX	232.7832	280.0828	281.2965	344.288	587.9469665	591.9136415	912.6095	1218.504615	1177.095	1977.749252	224.5378	976.0299073	1303.393
A	CO2_NBIO_STREX	45.24756	54.7838	55.81061	66.81022	9.674850164	7.017793589	9.168151	0.065307344	15.88872	7.486874842	57.66995	6.803068215	15.81309
A	NOX_IDLEX	0	0	0	0	0.044584262	0.065626846	0.293251	5.598133104	0.430145	0	0	2.182863531	0
A	NOX_RUNEX	0.020901	0.045585	0.03773	0.04148	0.210551698	0.286006524	1.075719	2.53939558	1.15031	0.468783106	1.1317	2.559761182	0.854232
A	NOX_STREX	0.121528	0.152261	0.15554	0.168105	0.20943439	0.138901106	1.659459	2.345817539	0.943082	0.079197862	0.263409	1.35073012	0.242213
A	PM10_IDLEX	0	0	0	0	0.000958551	0.001432398	0.000128	0.002400729	0.000146	0	0	0.001551835	0
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.06110376	0.13034	0.072533753	0.01176	0.74480021	0.13034
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009992447	0.010776864	0.012	0.035614578	0.012	0.031933136	0.004	0.010429831	0.013134
A	PM10_RUNEX	0.001172	0.001487	0.001298	0.001302	0.004258793	0.008764976	0.006345	0.017915154	0.007642	0.003257555	0.00268	0.013711408	0.013022
A	PM10_STREX	0.001277	0.001548	0.001345	0.00133	0.000201366	0.000113239	0.00011	6.64052E-07	0.000195	8.66394E-05	0.002939	8.88847E-05	0.000212
A	PM25_IDLEX	0	0	0	0	0.000917085	0.001370433	0.000123	0.002296875	0.000139	0	0	0.001484703	0
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026187326	0.05586	0.031085894	0.00504	0.31920009	0.05586
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002498112	0.002694216	0.003	0.008903645	0.003	0.007983284	0.001	0.002607458	0.003284
A	PM25_RUNEX	0.001078	0.001367	0.001195	0.001199	0.004047652	0.008369767	0.006064	0.017140111	0.007297	0.00311092	0.002499	0.013100043	0.012426
A	PM25_STREX	0.001174	0.001424	0.001237	0.001223	0.000185149	0.000104119	0.000101	6.10571E-07	0.00018	7.96617E-05	0.002748	8.17262E-05	0.000195
A	ROG_DIURN	0.151471	0.302752	0.246748	0.294269	0.021565335	0.012095581	0.000382	2.1086E-06	0.001641	0.000419866	2.144642	0.00132814	0.362595
A	ROG_HTSK	0.06634	0.107835	0.081602	0.09408	0.049922883	0.028152003	0.016966	8.31371E-05	0.020868	0.005182247	0.596139	0.01143059	0.024967
A	ROG_IDLEX	0	0	0	0	0.01689925	0.014024177	0.018397	0.452685641	0.055983	0	0	0.443720959	0
A	ROG_RESTL	0.151435	0.282301	0.263155	0.323504	0.01456807	0.008747923	0.000285	1.60619E-06	0.000896	0.000324374	1.266503	0.000797328	0.183966
A	ROG_RUNEX	0.004579	0.011659	0.00908	0.01017	0.029475734	0.036467606	0.009175	0.022205835	0.016377	0.085655534	2.567554	0.051914126	0.025886
A	ROG_RUNLS	0.167598	0.395244	0.302343	0.311407	0.390328531	0.161290497	0.084033	0.000407215	0.261337	0.029093706	1.412874	0.070296611	0.455354
A	ROG_STREX	0.115899	0.161231	0.166821	0.183165	0.039482977	0.025371783	0.044064	2.39569E-06	0.091224	0.045658773	1.757811	0.046886476	0.072153
A	SO2_IDLEX	0	0	0	0	7.94355E-05	0.00012114	0.000549	0.009315403	0.000933	0	0	0.00324679	0
A	SO2_RUNEX	0.002145	0.002583	0.002621	0.003205	0.005543431	0.005523255	0.008719	0.010974722	0.011351	0.001201129	0.002222	0.009360598	0.012789
A	SO2_STREX	0.000418	0.000507	0.000516	0.000618	9.57405E-05	6.94468E-05	9.07E-05	6.46269E-07	0.000157	7.40887E-05	0.000571	6.73219E-05	0.000156
A	TOG_DIURN	0.151471	0.302752	0.246748	0.294269	0.021565335	0.012095581	0.000382	2.1086E-06	0.001641	0.000419866	2.144642	0.00132814	0.362595
A	TOG_HTSK	0.06634	0.107835	0.081602	0.09408	0.049922883	0.028152003	0.016966	8.31371E-05	0.020868	0.005182247	0.596139	0.01143059	0.024967
A	TOG_IDLEX	0	0	0	0	0.023431549	0.018666347	0.025386	0.522201729	0.071718	0	0	0.641285795	0
A	TOG_RESTL	0.151435	0.282301	0.263155	0.323504	0.01456807	0.008747923	0.000285	1.60619E-06	0.000896	0.000324374	1.266503	0.000797328	0.183966
A	TOG_RUNEX	0.00668	0.017075	0.0131	0.014669	0.032973566	0.03995439	0.011284	0.018403592	0.021565	6.003980568	3.221818	0.062117021	0.032757
A	TOG_RUNLS	0.167598	0.395244	0.302343	0.311407	0.390328531	0.161290497	0.084033	0.000407215	0.261337	0.029093706	1.412874	0.070296611	0.455354
A	TOG_STREX	0.126936	0.176584	0.182707	0.200607	0.04322889	0.027778909	0.048244	2.62298E-06	0.099879	0.049990609	1.91461	0.05133479	0.078998

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Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Calendar Year: 2030
S	CH4_IDLEX	0	0	0	0	0.004087457	0.002767915	0.003787	0.029409253	0.008157	0	0	0.096848264	0	
S	CH4_RUNEX	0.001418	0.003041	0.002517	0.00276	0.002454904	0.002218927	0.000943	0.083623441	0.002402	5.881131772	0.372031	0.003994295	0.004029	
S	CH4_STREX	0.025306	0.032367	0.034841	0.036973	0.008101431	0.005246384	0.008638	4.35429E-07	0.016989	0.009886435	0.204701	0.007280425	0.018688	
S	CO_IDLEX	0	0	0	0	0.173739626	0.137108527	0.325366	6.685283533	0.681804	0	0	3.892570365	0	
S	CO_RUNEX	0.536076	0.796336	0.716516	0.732666	0.269546442	0.226542924	0.126957	0.516696144	0.296028	45.69277515	17.47749	0.349653176	0.259957	
S	CO_STREX	1.366941	1.472508	1.777546	1.825194	0.798755225	0.490339831	0.859655	0.007233995	1.762104	0.620074306	7.864384	0.863318623	1.505093	
S	CO2_NBIO_IDLEX	0	0	0	0	8.208804645	12.6713118	57.51042	993.8136223	97.06333	0	0	341.8182922	0	
S	CO2_NBIO_RUNEX	243.3441	290.7908	291.0514	354.1496	587.9527909	591.9162852	912.6117	1218.505552	1177.103	1977.750164	223.3871	976.0378049	1303.401	
S	CO2_NBIO_STREX	44.81601	54.30335	55.23737	66.21443	9.612452658	6.979632188	9.089607	0.064695292	15.71375	7.340545478	55.72399	6.470894384	15.6617	
S	NOX_IDLEX	0	0	0	0	0.044584262	0.065626846	0.28198	5.335824111	0.40872	0	0	2.190136193	0	
S	NOX_RUNEX	0.018396	0.039929	0.033123	0.036444	0.198218614	0.270190592	1.014389	2.402444225	1.081713	0.466470985	0.988261	2.411999092	0.799667	
S	NOX_STREX	0.112485	0.140955	0.143989	0.155609	0.200575792	0.133033344	1.655536	2.34580944	0.934057	0.075722336	0.249842	1.345832171	0.231466	
S	PM10_IDLEX	0	0	0	0	0.000958551	0.001432398	0.000111	0.002112786	0.000129	0	0	0.001318336	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.06110376	0.13034	0.072533753	0.01176	0.74480021	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009992447	0.010776864	0.012	0.035614578	0.012	0.031933136	0.004	0.010429831	0.013134	
S	PM10_RUNEX	0.001172	0.001487	0.001298	0.001302	0.004258793	0.008764976	0.006345	0.017915154	0.007642	0.003257555	0.00268	0.013711408	0.013022	
S	PM10_STREX	0.001277	0.001548	0.001345	0.00133	0.000201366	0.000113239	0.00011	6.64052E-07	0.000195	8.66394E-05	0.002939	8.88847E-05	0.000212	
S	PM25_IDLEX	0	0	0	0	0.000917085	0.001370433	0.000106	0.002021388	0.000124	0	0	0.001261305	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026187326	0.05586	0.031085894	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002498112	0.002694216	0.003	0.008903645	0.003	0.007983284	0.001	0.002607458	0.003284	
S	PM25_RUNEX	0.001078	0.001367	0.001195	0.001199	0.004047652	0.008369767	0.006064	0.017140111	0.007297	0.00311092	0.002499	0.013100043	0.012426	
S	PM25_STREX	0.001174	0.001424	0.001237	0.001223	0.000185149	0.000104119	0.000101	6.10571E-07	0.00018	7.96617E-05	0.002748	8.17262E-05	0.000195	
S	ROG_DIURN	0.23656	0.471449	0.38323	0.458841	0.032233642	0.018010615	0.00057	3.18839E-06	0.002386	0.000616608	3.454117	0.001930631	0.537429	
S	ROG_HTSK	0.068271	0.111986	0.084332	0.097292	0.05121289	0.02893771	0.017416	8.52257E-05	0.021283	0.005377348	0.66863	0.01153915	0.025641	
S	ROG_IDLEX	0	0	0	0	0.01689925	0.014024177	0.017829	0.479382052	0.057847	0	0	0.444265646	0	
S	ROG_RESTL	0.211111	0.392864	0.363145	0.448609	0.020186041	0.0120478	0.000393	2.26149E-06	0.001239	0.000456319	2.061946	0.001089752	0.260085	
S	ROG_RUNEX	0.004867	0.012353	0.009624	0.010781	0.029587776	0.036516038	0.009233	0.022212449	0.016581	0.085683711	2.517634	0.052130699	0.026116	
S	ROG_RUNLS	0.156818	0.365947	0.280422	0.28968	0.378007936	0.15582214	0.080801	0.000393733	0.254524	0.0265982	1.311296	0.063430476	0.444585	
S	ROG_STREX	0.103423	0.143564	0.148836	0.163355	0.038027795	0.02444108	0.042319	2.30077E-06	0.087524	0.042253404	1.568241	0.041732231	0.069181	
S	SO2_IDLEX	0	0	0	0	7.94355E-05	0.00012114	0.000546	0.009200913	0.000922	0	0	0.003271983	0	
S	SO2_RUNEX	0.002242	0.002682	0.002712	0.003297	0.005543483	0.005523277	0.008719	0.010974732	0.011351	0.001201138	0.002211	0.009360676	0.012789	
S	SO2_STREX	0.000414	0.000502	0.000511	0.000612	9.5123E-05	6.90691E-05	8.99E-05	6.40212E-07	0.000156	7.26406E-05	0.000551	6.40347E-05	0.000155	
S	TOG_DIURN	0.23656	0.471449	0.38323	0.458841	0.032233642	0.018010615	0.00057	3.18839E-06	0.002386	0.000616608	3.454117	0.001930631	0.537429	
S	TOG_HTSK	0.068271	0.111986	0.084332	0.097292	0.05121289	0.02893771	0.017416	8.52257E-05	0.021283	0.005377348	0.66863	0.01153915	0.025641	
S	TOG_IDLEX	0	0	0	0	0.023431549	0.018666347	0.024472	0.552922599	0.07384	0	0	0.641905881	0	
S	TOG_RESTL	0.211111	0.392864	0.363145	0.448609	0.020186041	0.0120478	0.000393	2.26149E-06	0.001239	0.000456319	2.061946	0.001089752	0.260085	
S	TOG_RUNEX	0.007103	0.018091	0.013889	0.015556	0.033156422	0.040037065	0.011369	0.108413243	0.021862	6.004021684	3.159939	0.062433043	0.033093	
S	TOG_RUNLS	0.156818	0.365947	0.280422	0.28968	0.378007936	0.15582214	0.080801	0.000393733	0.254524	0.0265982	1.311296	0.063430476	0.444585	
S	TOG_STREX	0.113271	0.157234	0.163008	0.17891	0.041635649	0.026759906	0.046334	2.51905E-06	0.095828	0.046262159	1.708172	0.04569154	0.075745	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	0 Calendar Year: 2030
W	CH4_IDLEX	0	0	0	0	0	0.004077073	0.002761001	0.00427	0.025676782	0.007928	0	0	0.096679464	
W	CH4_RUNEX	0.001291	0.002796	0.002306	0.002527	0.002419388	0.002201627	0.000922	0.083621809	0.00234	5.881119443	0.378603	0.003934792	0.003948	
W	CH4_STREX	0.028682	0.036828	0.039544	0.041973	0.008448083	0.005469328	0.009001	4.59043E-07	0.017818	0.010808694	0.232679	0.008371059	0.019724	
W	CO_IDLEX	0	0	0	0	0	0.173739626	0.137108527	0.46211	6.904272896	0.697155	0	0	3.946549124	0
W	CO_RUNEX	0.468303	0.702907	0.630281	0.644772	0.265366573	0.22463488	0.12533	0.515966822	0.290201	45.6921573	18.17997	0.343940917	0.254459	
W	CO_STREX	1.648486	1.777405	2.150097	2.2091	0.841200026	0.516264053	0.914121	0.007692325	1.884864	0.72158216	8.842067	1.097722715	1.610784	
W	CO2_NBIO_IDLEX	0	0	0	0	0	8.208804645	12.6713118	58.20592	1022.974815	99.83939	0	0	335.469261	0
W	CO2_NBIO_RUNEX	228.9302	276.1576	277.7198	340.6769	587.9454855	591.9129518	912.6088	1218.504359	1177.092	1977.749034	224.7183	976.0275374	1303.391	
W	CO2_NBIO_STREX	45.34031	54.88926	55.93786	66.94163	9.68559564	7.024487566	9.183089	0.065422169	15.92362	7.515393566	58.02975	6.863574549	15.84139	
W	NOX_IDLEX	0	0	0	0	0	0.044584262	0.065626846	0.308813	5.960369333	0.459732	0	0	2.17282033	0
W	NOX_RUNEX	0.02024	0.044217	0.036582	0.040206	0.207130882	0.281137183	1.055508	2.495884352	1.129094	0.468292059	1.104571	2.515849877	0.837786	
W	NOX_STREX	0.123424	0.154677	0.15801	0.170752	0.211320637	0.140161447	1.660355	2.34581946	0.945155	0.07998157	0.266433	1.352126431	0.244549	
W	PM10_IDLEX	0	0	0	0	0	0.000958551	0.001432398	0.000152	0.002798365	0.000168	0	0	0.001874286	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.06110376	0.13034	0.072533753	0.01176	0.74480021	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009992447	0.010776864	0.012	0.035614578	0.012	0.031933136	0.004	0.010429831	0.013134	
W	PM10_RUNEX	0.001172	0.001487	0.001298	0.001302	0.004258793	0.008764976	0.006345	0.017915154	0.007642	0.003257555	0.00268	0.013711408	0.013022	
W	PM10_STREX	0.001277	0.001548	0.001345	0.00133	0.000201366	0.000113239	0.00011	6.64052E-07	0.000195	8.66394E-05	0.002939	8.88847E-05	0.000212	
W	PM25_IDLEX	0	0	0	0	0	0.000917085	0.001370433	0.000145	0.002677309	0.000161	0	0	0.001793205	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026187326	0.05586	0.031085894	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002498112	0.002694216	0.003	0.008903645	0.003	0.007983284	0.001	0.002607458	0.003284	
W	PM25_RUNEX	0.001078	0.001367	0.001195	0.001199	0.004047652	0.008369767	0.006064	0.017140111	0.007297	0.00311092	0.002499	0.013100043	0.012426	
W	PM25_STREX	0.001174	0.001424	0.001237	0.001223	0.000185149	0.000104119	0.000101	6.10571E-07	0.00018	7.96617E-05	0.002748	8.17262E-05	0.000195	
W	ROG_DIURN	0.144585	0.294125	0.232211	0.275177	0.021745243	0.011803531	0.00037	2.0531E-06	0.001647	0.000419702	2.326204	0.00127079	0.374033	
W	ROG_HTSK	0.070259	0.117135	0.08723	0.100491	0.056592686	0.030363881	0.017845	8.88386E-05	0.021844	0.005578126	0.752752	0.011692047	0.027713	
W	ROG_IDLEX	0	0	0	0	0	0.01689925	0.014024177	0.019198	0.415819169	0.053409	0	0	0.442968771	0
W	ROG_RESTL	0.144099	0.268716	0.250783	0.308494	0.01413681	0.00838215	0.000273	1.55053E-06	0.000864	0.000311554	1.203399	0.000760303	0.178486	
W	ROG_RUNEX	0.004486	0.011435	0.008904	0.009974	0.029446797	0.036454786	0.009159	0.022204008	0.016322	0.085648836	2.576745	0.051849391	0.025824	
W	ROG_RUNLS	0.19361	0.467247	0.355808	0.364654	0.422725421	0.175868573	0.092485	0.000444726	0.280044	0.034988056	1.661167	0.085393569	0.484416	
W	ROG_STREX	0.118516	0.164972	0.170682	0.187366	0.03977504	0.025562319	0.04445	2.41659E-06	0.092078	0.046409561	1.795396	0.04802787	0.072804	
W	SO2_IDLEX	0	0	0	0	0	7.94355E-05	0.00012114	0.000553	0.009473508	0.000948	0	0	0.003212	0
W	SO2_RUNEX	0.002109	0.002547	0.002588	0.003172	0.005543418	0.005523249	0.008719	0.01097472	0.011351	0.001201127	0.002224	0.009360574	0.012789	
W	SO2_STREX	0.000419	0.000508	0.000517	0.000619	9.58468E-05	6.9513E-05	9.09E-05	6.47405E-07	0.000158	7.43709E-05	0.000574	6.79206E-05	0.000157	
W	TOG_DIURN	0.144585	0.294125	0.232211	0.275177	0.021745243	0.011803531	0.00037	2.0531E-06	0.001647	0.000419702	2.326204	0.00127079	0.374033	
W	TOG_HTSK	0.070259	0.117135	0.08723	0.100491	0.056592686	0.030363881	0.017845	8.88386E-05	0.021844	0.005578126	0.752752	0.011692047	0.027713	
W	TOG_IDLEX	0	0	0	0	0	0.023431549	0.018666347	0.02667	0.479777671	0.068787	0	0	0.640429487	0
W	TOG_RESTL	0.144099	0.268716	0.250783	0.308494	0.01413681	0.00838215	0.000273	1.55053E-06	0.000864	0.000311554	1.203399	0.000760303	0.178486	
W	TOG_RUNEX	0.006543	0.016747	0.012844	0.014383	0.032926341	0.039932506	0.011261	0.108400926	0.021485	6.003970795	3.233219	0.062022559	0.032667	
W	TOG_RUNLS	0.19361	0.467247	0.355808	0.364654	0.422725421	0.175868573	0.092485	0.000444726	0.280044	0.034988056	1.661167	0.085393569	0.484416	
W	TOG_STREX	0.129801	0.180681	0.186935	0.205207	0.043548662	0.027987522	0.048667	2.64586E-06	0.100814	0.050812627	1.955544	0.052584472	0.079711	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
	Fleet Mix	0.52415	0.068925	0.192516	0.119438	0.026193358	0.007582983	0.020721	0.030591418	0.001516	0.001730965	0.004877	0.000801154	0.000957
A	CH4_IDLEX	0	0	0	0	0.003242933	0.002174398	0.003876	0.029659539	0.007826	0	0	0.113396231	0
A	CH4_RUNEX	0.000777	0.001025	0.001237	0.001315	0.001614146	0.001804699	0.000693	0.086669598	0.001529	5.882992997	0.376233	0.001667591	0.003142
A	CH4_STREX	0.018138	0.020833	0.024941	0.0258	0.005284154	0.003142143	0.008277	4.71802E-07	0.01598	0.008856335	0.224492	0.009404219	0.018503
A	CO_IDLEX	0	0	0	0	0.165009562	0.130129268	0.378212	7.069558073	0.678415	0	0	4.649560569	0
A	CO_RUNEX	0.416845	0.45936	0.512046	0.514039	0.162124856	0.182480696	0.095609	0.546711176	0.185233	45.69638478	17.7408	0.174117633	0.164643
A	CO_STREX	1.34302	1.45381	1.804645	1.806964	0.692570612	0.429289862	0.757772	0.008851557	1.59398	0.704727143	8.790616	1.193461653	1.437009
A	CO2_NBIO_IDLEX	0	0	0	0	7.628278031	11.91832316	51.29083	921.3390593	88.66896	0	0	307.8169023	0
A	CO2_NBIO_RUNEX	216.5292	260.6754	255.1199	309.8309	530.5771833	535.8006255	829.7142	1051.588069	1066.292	1965.882624	224.8567	851.4759348	1200.598
A	CO2_NBIO_STREX	41.08797	50.01789	49.59573	58.90183	8.067545664	5.748478987	8.001646	0.068946211	14.03481	6.859029517	56.75958	7.464143593	13.92536
A	NOX_IDLEX	0	0	0	0	0.036756792	0.051907082	0.262997	5.713088869	0.429543	0	0	1.210516405	0
A	NOX_RUNEX	0.016835	0.02078	0.020725	0.023072	0.066196225	0.110736954	1.061301	2.379453375	1.137216	0.463387798	1.131823	1.212348838	0.738163
A	NOX_STREX	0.105434	0.123226	0.117958	0.125855	0.147864196	0.091701373	1.676513	2.336684057	0.975628	0.066318416	0.263427	1.768592973	0.221704
A	PM10_IDLEX	0	0	0	0	0.001072325	0.001491983	7.18E-05	0.002144411	0.000145	0	0	0.000321752	0
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061136283	0.13034	0.072533753	0.01176	0.744800209	0.13034
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.010123425	0.010867332	0.012	0.035633914	0.012	0.031933136	0.004	0.010302496	0.013198
A	PM10_RUNEX	0.000698	0.000814	0.000782	0.000791	0.003536047	0.009065653	0.006246	0.016832441	0.007673	0.003284498	0.002787	0.004058761	0.008136
A	PM10_STREX	0.00076	0.000887	0.000794	0.00081	0.000167575	0.000101927	0.000113	8.37612E-07	0.000191	8.68203E-05	0.002988	0.000127302	0.000213
A	PM25_IDLEX	0	0	0	0	0.001025937	0.00142744	6.87E-05	0.002051645	0.000138	0	0	0.000307833	0
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026201264	0.05586	0.031085894	0.00504	0.31920009	0.05586
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002530856	0.002716833	0.003	0.008908478	0.003	0.007983284	0.001	0.002575624	0.003299
A	PM25_RUNEX	0.000642	0.000748	0.00072	0.000729	0.003359117	0.008658676	0.005969	0.016104236	0.007327	0.003136689	0.002598	0.003859583	0.007752
A	PM25_STREX	0.000699	0.000815	0.00073	0.000745	0.000154079	9.37184E-05	0.000104	7.70153E-07	0.000175	7.98281E-05	0.002788	0.000117049	0.000196
A	ROG_DIURN	0.079951	0.135176	0.156105	0.231891	0.013835976	0.008535195	0.000332	2.39709E-06	0.001399	0.000272434	2.251871	0.001865027	0.250783
A	ROG_HTSK	0.037926	0.054996	0.04857	0.067335	0.028773205	0.016921396	0.013666	9.56347E-05	0.018901	0.002817749	0.633926	0.01507561	0.014704
A	ROG_IDLEX	0	0	0	0	0.014061838	0.012051746	0.01791	0.46911979	0.054777	0	0	0.520316664	0
A	ROG_RESTL	0.087564	0.154261	0.17607	0.262138	0.010880104	0.006813205	0.000265	1.91604E-06	0.000844	0.000194146	1.327238	0.001132684	0.149518
A	ROG_RUNEX	0.002316	0.003228	0.004133	0.004517	0.024628986	0.032808503	0.007891	0.020659167	0.012352	0.0857095	2.562468	0.016491465	0.021343
A	ROG_RUNLS	0.14263	0.210355	0.189872	0.200874	0.142380228	0.085428636	0.066299	0.000471599	0.210642	0.014551432	1.189723	0.096997801	0.173337
A	ROG_STREX	0.067513	0.079494	0.097338	0.103655	0.022835135	0.01335186	0.039478	2.46186E-06	0.080822	0.037384125	1.735257	0.05383245	0.066076
A	SO2_IDLEX	0	0	0	0	7.36414E-05	0.000113769	0.000487	0.008505932	0.000842	0	0	0.002954743	0
A	SO2_RUNEX	0.001916	0.002307	0.002289	0.002783	0.005042922	0.005046773	0.007924	0.009409198	0.010264	0.00108036	0.002225	0.008183064	0.011774
A	SO2_STREX	0.000364	0.000443	0.000439	0.000522	7.98349E-05	5.68859E-05	7.92E-05	6.82279E-07	0.000139	6.78757E-05	0.000562	7.38638E-05	0.000138
A	TOG_DIURN	0.079951	0.135176	0.156105	0.231891	0.013835976	0.008535195	0.000332	2.39709E-06	0.001399	0.000272434	2.251871	0.001865027	0.250783
A	TOG_HTSK	0.037926	0.054996	0.04857	0.067335	0.028773205	0.016921396	0.013666	9.56347E-05	0.018901	0.002817749	0.633926	0.01507561	0.014704
A	TOG_IDLEX	0	0	0	0	0.019149493	0.015678439	0.024721	0.541968245	0.07014	0	0	0.753145976	0
A	TOG_RESTL	0.087564	0.154261	0.17607	0.262138	0.010880104	0.006813205	0.000265	1.91604E-06	0.000844	0.000194146	1.327238	0.001132684	0.149518
A	TOG_RUNEX	0.003368	0.004728	0.005904	0.006448	0.026779103	0.036089334	0.009449	0.109729652	0.015621	6.005915527	3.217946	0.020395229	0.026515
A	TOG_RUNLS	0.14263	0.210355	0.189872	0.200874	0.142380228	0.085428636	0.066299	0.000471599	0.210642	0.014551432	1.189723	0.096997801	0.173337
A	TOG_STREX	0.073976	0.087103	0.106656	0.113577	0.025001599	0.014618606	0.043223	2.69542E-06	0.08849	0.040930911	1.890559	0.058939757	0.072345

Calendar Year: 2040

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
S	CH4_IDLEX	0	0	0	0	0	0.003249761	0.002178659	0.003686	0.031395168	0.00793	0	0	0.11356118	0 Calendar Year: 2040
S	CH4_RUNEX	0.000836	0.001099	0.001326	0.00141	0.001626618	0.001812155	0.000704	0.08667089	0.001558	5.883002803	0.37122	0.001695347	0.003191	
S	CH4_STREX	0.016367	0.018804	0.022497	0.023269	0.005105027	0.003035867	0.00799	4.51803E-07	0.015376	0.008223041	0.202152	0.008373162	0.017711	
S	CO_IDLEX	0	0	0	0	0.165009562	0.130129268	0.323006	6.976732218	0.672025	0	0	4.637036059	0	
S	CO_RUNEX	0.45999	0.504702	0.562496	0.564152	0.163384483	0.183262187	0.09623	0.547295758	0.18748	45.6967926	17.1642	0.176143401	0.167222	
S	CO_STREX	1.150852	1.245999	1.542792	1.544188	0.663220433	0.411153614	0.719368	0.008402864	1.50631	0.619667322	7.927891	0.969504285	1.357721	
S	CO2_NBIO_IDLEX	0	0	0	0	7.628278031	11.91832316	50.88267	909.5540062	87.61152	0	0	305.5613045	0	
S	CO2_NBIO_RUNEX	226.3966	270.595	263.9308	318.5294	530.579347	535.8019675	829.7153	1051.589024	1066.296	1965.883392	223.7734	851.4796539	1200.603	
S	CO2_NBIO_STREX	40.73045	49.6288	49.10638	58.40832	8.018235903	5.718111219	7.935524	0.068234671	13.88485	6.714850748	54.7872	7.089220576	13.79066	
S	NOX_IDLEX	0	0	0	0	0.036756792	0.051907082	0.250347	5.434148231	0.408132	0	0	1.160757911	0	
S	NOX_RUNEX	0.014823	0.018259	0.018234	0.020299	0.063696088	0.10549582	1.001351	2.251212103	1.071921	0.461747286	0.988689	1.141915325	0.692174	
S	NOX_STREX	0.097584	0.114067	0.109193	0.116501	0.141618429	0.087829959	1.672678	2.336665797	0.967255	0.063408381	0.250037	1.763328949	0.211922	
S	PM10_IDLEX	0	0	0	0	0.001072325	0.001491983	6.34E-05	0.001900532	0.000129	0	0	0.000283518	0	
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061136283	0.13034	0.072533753	0.01176	0.744800209	0.13034	
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.010123425	0.010867332	0.012	0.035633914	0.012	0.031933136	0.004	0.010302496	0.013198	
S	PM10_RUNEX	0.000698	0.000814	0.000782	0.000791	0.003536047	0.009065653	0.006246	0.016832441	0.007673	0.003284498	0.002787	0.004058761	0.008136	
S	PM10_STREX	0.00076	0.000887	0.000794	0.00081	0.000167575	0.000101927	0.000113	8.37612E-07	0.000191	8.68203E-05	0.002988	0.000127302	0.000213	
S	PM25_IDLEX	0	0	0	0	0.001025937	0.00142744	6.06E-05	0.001818316	0.000123	0	0	0.000271253	0	
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026201264	0.05586	0.031085894	0.00504	0.31920009	0.05586	
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002530856	0.002716833	0.003	0.008908478	0.003	0.007983284	0.001	0.002575624	0.003299	
S	PM25_RUNEX	0.000642	0.000748	0.00072	0.000729	0.003359117	0.008658676	0.005969	0.016104236	0.007327	0.003136689	0.002598	0.003859583	0.007752	
S	PM25_STREX	0.000699	0.000815	0.00073	0.000745	0.000154079	9.37184E-05	0.000104	7.70153E-07	0.000175	7.98281E-05	0.002788	0.000117049	0.000196	
S	ROG_DIURN	0.125938	0.210068	0.24321	0.361888	0.020628479	0.012704979	0.000494	3.56939E-06	0.002032	0.000405969	3.607167	0.002712339	0.367257	
S	ROG_HTSK	0.038874	0.056303	0.05021	0.069839	0.029469636	0.017292276	0.013963	9.77768E-05	0.019146	0.00298483	0.714002	0.015202664	0.014957	
S	ROG_IDLEX	0	0	0	0	0.014061838	0.012051746	0.017379	0.497069863	0.056608	0	0	0.521427221	0	
S	ROG_RESTL	0.123018	0.212215	0.243722	0.363809	0.014879837	0.009286556	0.000362	2.61272E-06	0.00115	0.000283454	2.127531	0.001540353	0.205516	
S	ROG_RUNEX	0.002463	0.003431	0.004381	0.004787	0.024664587	0.032829797	0.007923	0.02066586	0.012461	0.085737637	2.516875	0.016609291	0.021497	
S	ROG_RUNLS	0.132358	0.195388	0.176104	0.186628	0.137330943	0.08235062	0.063698	0.000452828	0.205017	0.01332471	1.094747	0.087556767	0.168197	
S	ROG_STREX	0.060349	0.071081	0.086989	0.092615	0.022004679	0.012869097	0.037914	2.36431E-06	0.077544	0.034597809	1.553615	0.047893811	0.063388	
S	SO2_IDLEX	0	0	0	0	7.36414E-05	0.000113769	0.000483	0.008396709	0.000832	0	0	0.002933433	0	
S	SO2_RUNEX	0.002004	0.002395	0.002368	0.002861	0.005042941	0.005046785	0.007924	0.009409207	0.010265	0.001080367	0.002214	0.0081831	0.011774	
S	SO2_STREX	0.000361	0.00044	0.000435	0.000518	7.93469E-05	5.65853E-05	7.85E-05	6.75237E-07	0.000137	6.64489E-05	0.000542	7.01536E-05	0.000136	
S	TOG_DIURN	0.125938	0.210068	0.24321	0.361888	0.020628479	0.012704979	0.000494	3.56939E-06	0.002032	0.000405969	3.607167	0.002712339	0.367257	
S	TOG_HTSK	0.038874	0.056303	0.05021	0.069839	0.029469636	0.017292276	0.013963	9.77768E-05	0.019146	0.00298483	0.714002	0.015202664	0.014957	
S	TOG_IDLEX	0	0	0	0	0.019149493	0.015678439	0.023856	0.574226764	0.072224	0	0	0.754410261	0	
S	TOG_RESTL	0.123018	0.212215	0.243722	0.363809	0.014879837	0.009286556	0.000362	2.61272E-06	0.00115	0.000283454	2.127531	0.001540353	0.205516	
S	TOG_RUNEX	0.003585	0.005026	0.006262	0.006839	0.026835654	0.036124284	0.009496	0.109739418	0.015779	6.005956584	3.160912	0.02056716	0.026739	
S	TOG_RUNLS	0.132358	0.195388	0.176104	0.186628	0.137330943	0.08235062	0.063698	0.000452828	0.205017	0.01332471	1.094747	0.087556767	0.168197	
S	TOG_STREX	0.066125	0.077885	0.095316	0.10148	0.024092354	0.014090042	0.041511	2.58862E-06	0.084901	0.037880246	1.692682	0.052437694	0.069402	

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	0 Calendar Year: 2040
W	CH4_IDLEX	0	0	0	0	0	0.003241583	0.002173549	0.004152	0.027262718	0.007704	0	0	0.113301143	0
W	CH4_RUNEX	0.000759	0.001002	0.00121	0.001286	0.001610916	0.001802765	0.000689	0.086669243	0.001521	5.882990714	0.377149	0.001659759	0.003128	
W	CH4_STREX	0.018508	0.02127	0.02547	0.026344	0.00532139	0.003164473	0.008319	4.7631E-07	0.016119	0.008995814	0.228991	0.009629346	0.018687	
W	CO_IDLEX	0	0	0	0	0	0.165009562	0.130129268	0.455451	7.197746158	0.687241	0	0	4.66685632	0
W	CO_RUNEX	0.401304	0.442916	0.493746	0.495877	0.161794385	0.182275426	0.09544	0.546552973	0.18463	45.69628739	17.83075	0.173533827	0.163932	
W	CO_STREX	1.384039	1.499413	1.862788	1.865236	0.697717621	0.432484486	0.764948	0.008935289	1.611253	0.721119608	8.947964	1.233359443	1.452449	
W	CO2_NBIO_IDLEX	0	0	0	0	0	7.628278031	11.91832316	51.8501	937.6136566	90.12922	0	0	310.9317755	0
W	CO2_NBIO_RUNEX	212.9297	257.0375	251.8886	306.6426	530.576615	535.8002726	829.7138	1051.58781	1066.29	1965.882441	225.0307	851.474863	1200.597	
W	CO2_NBIO_STREX	41.16416	50.10312	49.70413	59.01096	8.076280144	5.75388247	8.014178	0.069079005	14.06473	6.887078019	57.13137	7.531762291	13.9519	
W	NOX_IDLEX	0	0	0	0	0	0.036756792	0.051907082	0.280465	6.098292608	0.45911	0	0	1.279230515	0
W	NOX_RUNEX	0.016298	0.020135	0.020086	0.022359	0.065640051	0.109162605	1.041408	2.338648487	1.11642	0.463039464	1.104676	1.191255899	0.724009	
W	NOX_STREX	0.107079	0.125195	0.119839	0.127856	0.149211458	0.092540409	1.677387	2.336688209	0.977551	0.066975321	0.266441	1.770085454	0.223912	
W	PM10_IDLEX	0	0	0	0	0	0.001072325	0.001491983	8.33E-05	0.002481196	0.000167	0	0	0.000374551	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.076440022	0.089180026	0.13034	0.061136283	0.13034	0.072533753	0.01176	0.744800209	0.13034	
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.010123425	0.010867332	0.012	0.035633914	0.012	0.031933136	0.004	0.010302496	0.013198	
W	PM10_RUNEX	0.000698	0.000814	0.000782	0.000791	0.003536047	0.009065653	0.006246	0.016832441	0.007673	0.003284498	0.002787	0.004058761	0.008136	
W	PM10_STREX	0.00076	0.000887	0.000794	0.00081	0.000167575	0.000101927	0.000113	8.37612E-07	0.000191	8.68203E-05	0.002988	0.000127302	0.000213	
W	PM25_IDLEX	0	0	0	0	0	0.001025937	0.00142744	7.97E-05	0.002373861	0.00016	0	0	0.000358348	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.032760009	0.038220011	0.05586	0.026201264	0.05586	0.031085894	0.00504	0.31920009	0.05586	
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002530856	0.002716833	0.003	0.008908478	0.003	0.007983284	0.001	0.002575624	0.003299	
W	PM25_RUNEX	0.000642	0.000748	0.00072	0.000729	0.003359117	0.008658676	0.005969	0.016104236	0.007327	0.003136689	0.002598	0.003859583	0.007752	
W	PM25_STREX	0.000699	0.000815	0.00073	0.000745	0.000154079	9.37184E-05	0.000104	7.70153E-07	0.000175	7.98281E-05	0.002788	0.000117049	0.000196	
W	ROG_DIURN	0.074596	0.124718	0.144954	0.215507	0.013026917	0.007986885	0.000311	2.24479E-06	0.001328	0.000285953	2.423631	0.001764986	0.239469	
W	ROG_HTSK	0.039593	0.057391	0.051591	0.071927	0.030022769	0.017593814	0.014196	9.94591E-05	0.019385	0.003151652	0.787376	0.015377482	0.015187	
W	ROG_IDLEX	0	0	0	0	0	0.014061838	0.012051746	0.01866	0.43052207	0.052249	0	0	0.518783038	0
W	ROG_RESTL	0.083337	0.147022	0.167834	0.249954	0.010376602	0.006497675	0.000253	1.82803E-06	0.000803	0.000190502	1.252911	0.001077333	0.142405	
W	ROG_RUNEX	0.002268	0.003162	0.004053	0.004429	0.024619513	0.032802827	0.007882	0.020657332	0.012323	0.085702813	2.570936	0.016457504	0.0213	
W	ROG_RUNLS	0.16734	0.246776	0.223355	0.2356	0.155789281	0.093488185	0.072912	0.000519158	0.225549	0.017450543	1.422422	0.117771634	0.18653	
W	ROG_STREX	0.069012	0.081299	0.099569	0.106022	0.023006762	0.013453083	0.039822	2.48333E-06	0.081579	0.037999396	1.772001	0.055136657	0.06669	
W	SO2_IDLEX	0	0	0	0	0	7.36414E-05	0.000113769	0.000492	0.008656765	0.000856	0	0	0.00298417	0
W	SO2_RUNEX	0.001884	0.002275	0.00226	0.002754	0.005042917	0.00504677	0.007924	0.009409195	0.010264	0.001080358	0.002227	0.008183053	0.011774	
W	SO2_STREX	0.000365	0.000444	0.00044	0.000523	7.99213E-05	5.69393E-05	7.93E-05	6.83593E-07	0.000139	6.81532E-05	0.000565	7.45329E-05	0.000138	
W	TOG_DIURN	0.074596	0.124718	0.144954	0.215507	0.013026917	0.007986885	0.000311	2.24479E-06	0.001328	0.000285953	2.423631	0.001764986	0.239469	
W	TOG_HTSK	0.039593	0.057391	0.051591	0.071927	0.030022769	0.017593814	0.014196	9.94591E-05	0.019385	0.003151652	0.787376	0.015377482	0.015187	
W	TOG_IDLEX	0	0	0	0	0	0.019149493	0.015678439	0.025938	0.497420766	0.067261	0	0	0.75140006	0
W	TOG_RESTL	0.083337	0.147022	0.167834	0.249954	0.010376602	0.006497675	0.000253	1.82803E-06	0.000803	0.000190502	1.252911	0.001077333	0.142405	
W	TOG_RUNEX	0.003298	0.004631	0.005787	0.006322	0.026764055	0.036080017	0.009436	0.109726975	0.015578	6.005905769	3.228543	0.020345673	0.026452	
W	TOG_RUNLS	0.16734	0.246776	0.223355	0.2356	0.155789281	0.093488185	0.072912	0.000519158	0.225549	0.017450543	1.422422	0.117771634	0.18653	
W	TOG_STREX	0.075617	0.089081	0.1091	0.116171	0.025189509	0.014729432	0.043601	2.71894E-06	0.089319	0.041604555	1.93059	0.060367699	0.073017	

Crooked Creek
Total On-Road Fuel Consumption

Crooked Creek
Total On-Road Fuel Consumption

	gal/mile	gal/min
2020Hauling Hauling	0.15925199	1.51441E-05
2020Vendor Vendor	0.1298909	9.15757E-06
2020Worker Worker	0.03844702	1.94905E-06
2021Hauling Hauling	0.15613658	1.50968E-05
2021Vendor Vendor	0.12720883	9.12128E-06
2021Worker Worker	0.03742093	2.06198E-06
2022Hauling Hauling	0.15194685	1.49226E-05
2022Vendor Vendor	0.12346263	8.98135E-06
2022Worker Worker	0.03636982	2.00421E-06
2023Hauling Hauling	0.14312318	1.42709E-05
2023Vendor Vendor	0.11698571	8.58941E-06
2023Worker Worker	0.03532451	1.94677E-06

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
<u>Site Preparation</u>	2021				
Total Haul Trips	50				
Hauling	10	5	10	20	15
Vendor	0	5	10	6.9	15
Worker	16	5	10	14.7	0
<u>Grading</u>	2021				
Total Haul Trips	570				
Hauling	40	45	10	20	15
Vendor	0	45	10	6.9	15
Worker	20	45	10	14.7	0
<u>Trenching</u>	2021				
Total Haul Trips	0				
Hauling	0	60	10	20	15
Vendor	10	60	10	6.9	15
Worker	28	60	10	14.7	0
<u>Paving</u>	2021				
Total Haul Trips	0				
Hauling	0	30	10	20	15
Vendor	0	30	10	6.9	15
Worker	30	30	10	14.7	0
<u>Building Construction</u>	2021				
Total Haul Trips	0				
Hauling	0	180	10	20	15
Vendor	10	180	10	6.9	15
Worker	28	180	10	14.7	0
<u>Construction Phase</u>	2021				
Total Haul Trips	0				
Hauling	0	1	10	20	15
Vendor	0	1	10	6.9	15
Worker	15	1	10	14.7	0

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Crooked Creek
Total On-Road Fuel Consumption

Construction Phase	Regional Emissions (gallons)					
	gal/mile	gal/min	gal/day	Total Gallons/yr		
<u>Site Preparation</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	31	156		
Vendor	0.13	9.12E-06	0	0		
Worker	0.04	2.06E-06	9	44		
<u>Grading</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	125	5,621		
Vendor	0.13	9.12E-06	0	0		
Worker	0.04	2.06E-06	11	495		
<u>Trenching</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	0	0		
Vendor	0.13	9.12E-06	9	527		
Worker	0.04	2.06E-06	15	924		
<u>Paving</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	0	0		
Vendor	0.13	9.12E-06	0	0		
Worker	0.04	2.06E-06	17	495		
<u>Building Construction</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	0	0		
Vendor	0.13	9.12E-06	9	1,580		
Worker	0.04	2.06E-06	15	2,772		
<u>Construction Phase</u>						
Total Haul Trips						
Hauling	0.16	1.51E-05	0	0		
Vendor	0.13	9.12E-06	0	0		
Worker	0.04	2.06E-06	8	8		

**Crooked Creek
Operational Vehicle Fuel Consumption**

Crooked Creek Operational Vehicle Fuel Consumption

	Existing	Op year 1	op year 2
Unmitigated CO ₂ e (MT/year)		120	
Mitigated CO ₂ e (MT/year)			

Summary	Op year 1		
	Unmitigated	Mitigated	
Gasoline	11,065	0	gallons
Diesel	1,985	0.00	gallons
Electric	0.00	0.00	GWh
Natural Gas	28.49	0.00	MBTU

Operational Year 1 Unmitigated Calculations

	2023									
	% Emissions	CO ₂ e (MT)	CO ₂ e (kg)	CO ₂ e (lbs)	kg CO ₂ /gallon	Gallons	Mcf	MBTU	GWh	
Gasoline	0.81972918	98.36750166	98,368	NA	8.89	11,065	NA	NA	NA	
Diesel	0.168098815	20.17185783	20,172	NA	10.16	1,985	NA	NA	NA	
Electric	0	0	NA	0	NA	NA	NA	NA	0.00	
Natural Gas	0.012172004	1.460640513	1,461	NA	NA	NA	27.50	28.49	NA	

Emissions Percentage

	2023
Gasoline	0.81972918
Diesel	0.168098815
Electric	0
Natural Gas	0.012172004

Conversion Factors:

1000 kg/MT		
8.89 kg CO ₂ /gallon gasoline	https://www.eia.gov/environment/emissions/co2_vol_mass.php	Feb. 2016
10.16 kg CO ₂ /gallon diesel	https://www.eia.gov/environment/emissions/co2_vol_mass.php	Feb. 2016
53.12 kg CO ₂ / thousand cubic feet	https://www.eia.gov/environment/emissions/co2_vol_mass.php	Feb. 2016
1036 btu/cubic foot		
610.932 CO ₂ lbs/MWh	Project Specific Op Year 1	2021
255.124 CO ₂ lbs/MWh	Project Specific Op Year 2	2035
0.907185 MT/ton		
2000 lbs/ton		

6. Health Risk Assessment

6. Health Risk Assessment
a. Summary

Diamond Bar - Crooked Creek
Health Risk Summary

Construction

Unmitigated

	<i>Cancer Risk</i>	<i>HI</i>	<i>Receptor</i>
Onsite	6.47	0.34628	31
Haul	0.02		31
Total Risk	6.49	0.34628	31
SCAQMD Threshold	10	1	
Significant?	No	No	

6. Health Risk Assessment
b. Unmitigated Health Risk

Diamond Bar - Crooked Creek
Unmitigated Residential Health Risk Assessment

1. Assumptions
2. Cancer Risk Summary
3. Non-Cancer Risk Summary
4. Risk by Construction Phase
 - a. Site Preparation
 - b. Grading
 - c. Underground Utilities
 - d. Street Improvements
 - e. Home Construction
 - f. Architectural Coating

Unmitigated Residential Health Risk Assessment

1. Assumptions

Diamond Bar - Crooked Creek
Unmitigated Residential - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.958904	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.01	0.00	0.00	years
Grading	0.00	0.12	0.00	0.00	years
Underground Utilities	0.00	0.16	0.00	0.00	years
Street Improvements	0.00	0.08	0.00	0.00	years
Home Construction	0.00	0.49	0.00	0.00	years
Architectural Coating	0.00	0.08	0.00	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constant	0.000346	0.001045	0.000605	0.00025	no units
Risk Constants	0.157143	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotient = Average Annual Concentration x Chronic Inhalation REL

<u>Onsite</u>	lbs/day	g/day	g/sec	days
Birth to 2 years				
Site Preparation	0.70	318.376485	0.00736983	5
Grading	1.48	673.221796	0.01558384	45
Underground Utilities	0.36	164.744749	0.00381354	60
Street Improvements	0.58	264.262915	0.0061172	30
Home Construction	0.82	370.721044	0.00858151	180
Architectural Coating	0.09	42.683042	0.00098803	30

<u>Offsite</u>	lbs/day/mile	Meters	Miles	lbs/day	g/day	g/sec
Site Preparation						
Haul1	0.010	518	0.32186966	0.00318454	1.44448383	3.34371E-05
Haul2a	0.010	1318.9	0.81952489	0.00810829	3.67785661	8.51356E-05
Haul2b	0.010	407.1	0.25295973	0.00250275	1.13523044	2.62785E-05
Haul3a	0.010	123.2	0.07655278	0.0007574	0.34355291	7.95261E-06
Haul3b	0.010	241.7	0.15018513	0.00148591	0.6739995	1.56018E-05
Grading						
Haul1	0.040	518	0.32186966	0.01273817	5.77793532	0.000133749
Haul2a	0.040	1318.9	0.81952489	0.03243314	14.7114264	0.000340542
Haul2b	0.040	407.1	0.25295973	0.01001102	4.54092175	0.000105114
Haul3a	0.040	123.2	0.07655278	0.00302962	1.37421164	3.18105E-05
Haul3b	0.040	241.7	0.15018513	0.00594366	2.69599801	6.24074E-05
Underground Utilities						
Haul1	0.011	518	0.32186966	0.00340254	1.54336688	3.57261E-05
Haul2a	0.011	1318.9	0.81952489	0.00866334	3.92962659	9.09636E-05
Haul2b	0.011	407.1	0.25295973	0.00267408	1.21294335	2.80774E-05
Haul3a	0.011	123.2	0.07655278	0.00080925	0.36707104	8.49701E-06
Haul3b	0.011	241.7	0.15018513	0.00158763	0.72013856	1.66699E-05
Home Construction						
Haul1	0.011	518	0.32186966	0.00340254	1.54336688	3.57261E-05
Haul2a	0.011	1318.9	0.81952489	0.00866334	3.92962659	9.09636E-05
Haul2b	0.011	407.1	0.25295973	0.00267408	1.21294335	2.80774E-05
Haul3a	0.011	123.2	0.07655278	0.00080925	0.36707104	8.49701E-06
Haul3b	0.011	241.7	0.15018513	0.00158763	0.72013856	1.66699E-05

Diamond Bar - Crooked Creek

Unmitigated Residential - Construction Health Risk Assumptions

Source Name	Description
Con1	Full area minus Roadway work
Con2	Roadway Work
Haul1	Site to Brea Canyon Blvd 518 meters
Haul2a	Brea Canyon from Silver Bullet Dr south to 57 Freeway 1318.9 meters
Haul2b	Brea Canyon from Silver Bullet Dr north to Diamond Bar Blvd 407.1 meters
Haul3a	Diamond Bar Blvd from Brea Canyon to NB 57 On/Off Ramps 123.2 meters
Haul3b	Diamond Bar Blvd from Brea Canyon to SB 57 On/Off Ramps 241.7 meters

Receptor Designations

Residential	263
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Construction hours per day	12 5 days per week
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Phase	Days	Lbs/day	Lbs/mile - H	Lbs/mile - V
Site Preparation	5	0.702	0.010	0.000
Grading	45	1.484	0.040	0.000
Underground Utilities	60	0.363	0.000	0.011
Street Improvements	30	0.583	0.000	0.000
Home Construction	180	0.817	0.000	0.011
Architectural Coating	30	0.094	0.000	0.0000

Unmitigated Residential Health Risk Assessment
2. Cancer Risk Summary

Diamond Bar - Crooked Creek

31	31	31	Receptor
6.49	6.47	0.02	Max

Unmitigated Residential Health Risk Assessment

3. Non-Cancer Risk Summary

Diamond Bar - Crooked Creek
Unmitigated Residential - Residential Construction - Non-Cancer Risk Summary

31	Receptor
0.34628	Max

Receptor #	X	Y	Total	Site Prep	Grading	Utilities	Paving	Const	Arch Coat
1	421114	3758130	0.01365	0.00275	0.00315	0.00276	0.00827	0.00276	0.00261
2	421164	3758130	0.02102	0.00437	0.00464	0.00438	0.01235	0.00438	0.00429
3	421214	3758130	0.03700	0.00866	0.00881	0.00867	0.01972	0.00867	0.00861
4	421164	3758180	0.02174	0.00440	0.00467	0.00440	0.01303	0.00440	0.00431
5	421214	3758180	0.03937	0.00862	0.00886	0.00862	0.02221	0.00862	0.00854
6	421264	3758180	0.09744	0.02382	0.02397	0.02382	0.04985	0.02382	0.02377
7	421614	3758180	0.00626	0.00117	0.00118	0.00117	0.00393	0.00117	0.00116
8	421664	3758180	0.00445	0.00082	0.00083	0.00082	0.00282	0.00082	0.00081
9	421714	3758180	0.00335	0.00061	0.00062	0.00061	0.00213	0.00061	0.00061
10	421764	3758180	0.00272	0.00049	0.00051	0.00049	0.00174	0.00049	0.00049
11	421864	3758180	0.00175	0.00032	0.00032	0.00032	0.00112	0.00032	0.00031
12	421914	3758180	0.00149	0.00027	0.00028	0.00027	0.00096	0.00027	0.00027
13	421964	3758180	0.00123	0.00022	0.00023	0.00022	0.00079	0.00022	0.00022
14	422064	3758180	0.00083	0.00015	0.00015	0.00015	0.00053	0.00015	0.00015
15	422114	3758180	0.00073	0.00013	0.00014	0.00013	0.00047	0.00013	0.00013
16	421214	3758230	0.03345	0.00662	0.00687	0.00662	0.02029	0.00662	0.00653
17	421264	3758230	0.06403	0.01272	0.01295	0.01272	0.03867	0.01272	0.01264
18	421314	3758230	0.14578	0.02867	0.02882	0.02867	0.08849	0.02867	0.02862
19	421614	3758230	0.00794	0.00150	0.00152	0.00150	0.00495	0.00150	0.00149
20	421664	3758230	0.00550	0.00102	0.00104	0.00102	0.00347	0.00102	0.00101
21	421714	3758230	0.00410	0.00075	0.00077	0.00075	0.00260	0.00075	0.00075
22	421764	3758230	0.00313	0.00057	0.00058	0.00057	0.00199	0.00057	0.00057
23	421814	3758230	0.00254	0.00046	0.00047	0.00046	0.00162	0.00046	0.00046
24	421864	3758230	0.00205	0.00037	0.00038	0.00037	0.00131	0.00037	0.00037
25	421914	3758230	0.00165	0.00030	0.00031	0.00030	0.00106	0.00030	0.00029
26	421964	3758230	0.00135	0.00024	0.00025	0.00024	0.00087	0.00024	0.00024
27	422014	3758230	0.00114	0.00020	0.00021	0.00020	0.00073	0.00020	0.00020
28	422114	3758230	0.00079	0.00014	0.00015	0.00014	0.00051	0.00014	0.00014
29	421264	3758280	0.04466	0.00833	0.00875	0.00834	0.02813	0.00834	0.00819
30	421314	3758280	0.08143	0.01497	0.01518	0.01497	0.05156	0.01497	0.01490
31	421403.69	3758283.87	0.34628	0.04053	0.04086	0.04054	0.26533	0.04054	0.04042
32	421464	3758280	0.13274	0.02541	0.02569	0.02542	0.08201	0.02542	0.02531
33	421664	3758280	0.00691	0.00129	0.00131	0.00129	0.00433	0.00129	0.00128
34	421714	3758280	0.00516	0.00095	0.00097	0.00095	0.00326	0.00095	0.00095
35	421764	3758280	0.00394	0.00072	0.00074	0.00072	0.00250	0.00072	0.00072
36	421814	3758280	0.00301	0.00055	0.00056	0.00055	0.00192	0.00055	0.00054
37	421864	3758280	0.00231	0.00042	0.00043	0.00042	0.00148	0.00042	0.00042
38	421914	3758280	0.00183	0.00033	0.00034	0.00033	0.00117	0.00033	0.00033
39	421964	3758280	0.00147	0.00026	0.00027	0.00026	0.00094	0.00026	0.00026
40	422014	3758280	0.00123	0.00022	0.00023	0.00022	0.00079	0.00022	0.00022
41	422064	3758280	0.00104	0.00019	0.00019	0.00019	0.00067	0.00019	0.00019
42	422114	3758280	0.00089	0.00016	0.00016	0.00016	0.00057	0.00016	0.00016
43	421314	3758330	0.04753	0.00838	0.00869	0.00838	0.03088	0.00838	0.00827
44	421364	3758330	0.07277	0.01220	0.01244	0.01221	0.04844	0.01221	0.01212
45	421414	3758330	0.09455	0.01456	0.01498	0.01457	0.06555	0.01457	0.01442
46	421464	3758330	0.07294	0.01216	0.01271	0.01218	0.04878	0.01218	0.01198
47	421714	3758330	0.00607	0.00112	0.00114	0.00112	0.00383	0.00112	0.00112
48	421764	3758330	0.00459	0.00084	0.00086	0.00084	0.00291	0.00084	0.00084
49	421814	3758330	0.00348	0.00063	0.00065	0.00064	0.00221	0.00064	0.00063
50	421864	3758330	0.00252	0.00046	0.00047	0.00046	0.00161	0.00046	0.00045
51	421914	3758330	0.00207	0.00037	0.00038	0.00037	0.00132	0.00037	0.00037
52	421964	3758330	0.00168	0.00030	0.00031	0.00030	0.00107	0.00030	0.00030
53	422014	3758330	0.00133	0.00024	0.00025	0.00024	0.00086	0.00024	0.00024
54	422064	3758330	0.00113	0.00020	0.00021	0.00020	0.00073	0.00020	0.00020
55	422114	3758330	0.00097	0.00017	0.00018	0.00017	0.00062	0.00017	0.00017
56	421314	3758380	0.02997	0.00522	0.00552	0.00523	0.01961	0.00523	0.00513

Diamond Bar - Crooked Creek
Unmitigated Residential - Residential Construction - Non-Cancer Risk Summary

31	Receptor
0.34628	Max

Receptor #	X	Y	Total	Site Prep	Grading	Utilities	Paving	Const	Arch Coat
57	421364	3758380	0.03908	0.00660	0.00689	0.00661	0.02597	0.00661	0.00651
58	421414	3758380	0.04309	0.00715	0.00743	0.00715	0.02889	0.00715	0.00705
59	421464	3758380	0.04212	0.00712	0.00755	0.00713	0.02801	0.00713	0.00698
60	421514	3758380	0.03294	0.00585	0.00629	0.00586	0.02138	0.00586	0.00570
61	421614	3758380	0.01722	0.00313	0.00322	0.00313	0.01098	0.00313	0.00310
62	421714	3758380	0.00715	0.00131	0.00134	0.00132	0.00453	0.00132	0.00131
63	421764	3758380	0.00522	0.00096	0.00098	0.00096	0.00332	0.00096	0.00095
64	421814	3758380	0.00413	0.00075	0.00077	0.00075	0.00263	0.00075	0.00075
65	421864	3758380	0.00305	0.00055	0.00057	0.00055	0.00195	0.00055	0.00055
66	421914	3758380	0.00230	0.00042	0.00043	0.00042	0.00147	0.00042	0.00041
67	421964	3758380	0.00192	0.00035	0.00036	0.00035	0.00123	0.00035	0.00034
68	422014	3758380	0.00155	0.00028	0.00029	0.00028	0.00099	0.00028	0.00028
69	422064	3758380	0.00125	0.00023	0.00023	0.00023	0.00081	0.00023	0.00022
70	422114	3758380	0.00105	0.00019	0.00019	0.00019	0.00068	0.00019	0.00019
71	421364	3758430	0.02465	0.00427	0.00466	0.00428	0.01624	0.00428	0.00414
72	421414	3758430	0.02731	0.00465	0.00496	0.00465	0.01811	0.00465	0.00454
73	421464	3758430	0.02690	0.00466	0.00511	0.00467	0.01773	0.00467	0.00450
74	421521.73	3758427.42	0.02318	0.00416	0.00474	0.00417	0.01504	0.00417	0.00396
75	421564	3758430	0.01899	0.00340	0.00366	0.00341	0.01227	0.00341	0.00332
76	421614	3758430	0.01487	0.00268	0.00280	0.00268	0.00955	0.00268	0.00264
77	421664	3758430	0.01146	0.00206	0.00212	0.00206	0.00737	0.00206	0.00204
78	421714	3758430	0.00810	0.00146	0.00150	0.00146	0.00519	0.00146	0.00145
79	421764	3758430	0.00563	0.00102	0.00105	0.00102	0.00360	0.00102	0.00101
80	421814	3758430	0.00445	0.00081	0.00083	0.00081	0.00285	0.00081	0.00080
81	421864	3758430	0.00346	0.00063	0.00064	0.00063	0.00221	0.00063	0.00062
82	421914	3758430	0.00264	0.00048	0.00049	0.00048	0.00169	0.00048	0.00047
83	421964	3758430	0.00214	0.00039	0.00040	0.00039	0.00137	0.00039	0.00038
84	422014	3758430	0.00172	0.00031	0.00032	0.00031	0.00110	0.00031	0.00031
85	422064	3758430	0.00144	0.00026	0.00026	0.00026	0.00092	0.00026	0.00026
86	422114	3758430	0.00122	0.00022	0.00022	0.00022	0.00078	0.00022	0.00022
87	421364	3758480	0.01708	0.00304	0.00350	0.00305	0.01115	0.00305	0.00288
88	421414	3758480	0.01848	0.00324	0.00366	0.00325	0.01213	0.00325	0.00310
89	421464	3758480	0.01847	0.00330	0.00392	0.00332	0.01206	0.00332	0.00310
90	421499.82	3758461.95	0.01995	0.00364	0.00447	0.00366	0.01293	0.00366	0.00336
91	421564	3758480	0.01485	0.00267	0.00299	0.00268	0.00961	0.00268	0.00256
92	421614	3758480	0.01236	0.00220	0.00232	0.00220	0.00800	0.00220	0.00216
93	421664	3758480	0.00984	0.00175	0.00182	0.00175	0.00636	0.00175	0.00173
94	421714	3758480	0.00768	0.00137	0.00142	0.00138	0.00495	0.00138	0.00136
95	421764	3758480	0.00583	0.00105	0.00108	0.00105	0.00374	0.00105	0.00104
96	421814	3758480	0.00455	0.00082	0.00084	0.00082	0.00292	0.00082	0.00081
97	421864	3758480	0.00353	0.00064	0.00065	0.00064	0.00226	0.00064	0.00063
98	421914	3758480	0.00281	0.00051	0.00052	0.00051	0.00180	0.00051	0.00050
99	421964	3758480	0.00225	0.00041	0.00042	0.00041	0.00145	0.00041	0.00040
100	422014	3758480	0.00184	0.00033	0.00034	0.00033	0.00118	0.00033	0.00033
101	422064	3758480	0.00154	0.00028	0.00028	0.00028	0.00099	0.00028	0.00027
102	422114	3758480	0.00130	0.00023	0.00024	0.00023	0.00084	0.00023	0.00023
103	421414	3758530	0.01352	0.00250	0.00318	0.00251	0.00874	0.00251	0.00227
104	421464	3758530	0.01377	0.00262	0.00359	0.00264	0.00884	0.00264	0.00230
105	421514	3758530	0.01298	0.00236	0.00282	0.00237	0.00841	0.00237	0.00221
106	421564	3758530	0.01170	0.00210	0.00235	0.00210	0.00758	0.00210	0.00202
107	421614	3758530	0.01023	0.00182	0.00196	0.00183	0.00662	0.00183	0.00178
108	421664	3758530	0.00851	0.00151	0.00158	0.00151	0.00551	0.00151	0.00148
109	421714	3758530	0.00684	0.00122	0.00126	0.00122	0.00442	0.00122	0.00120
110	421764	3758530	0.00588	0.00105	0.00108	0.00105	0.00380	0.00105	0.00103
111	421814	3758530	0.00517	0.00092	0.00095	0.00092	0.00334	0.00092	0.00091
112	421864	3758530	0.00399	0.00071	0.00073	0.00071	0.00257	0.00071	0.00071

Diamond Bar - Crooked Creek
Unmitigated Residential - Residential Construction - Non-Cancer Risk Summary

31	Receptor
0.34628	Max

Receptor #	X	Y	Total	Site Prep	Grading	Utilities	Paving	Const	Arch Coat
113	421914	3758530	0.00340	0.00061	0.00063	0.00061	0.00219	0.00061	0.00060
114	421964	3758530	0.00279	0.00050	0.00051	0.00050	0.00180	0.00050	0.00050
115	422014	3758530	0.00221	0.00040	0.00041	0.00040	0.00142	0.00040	0.00039
116	422064	3758530	0.00180	0.00032	0.00033	0.00032	0.00115	0.00032	0.00032
117	422114	3758530	0.00144	0.00026	0.00027	0.00026	0.00093	0.00026	0.00026
118	421414	3758580	0.01024	0.00189	0.00237	0.00190	0.00661	0.00190	0.00173
119	421452.4	3758582.58	0.01039	0.00200	0.00279	0.00202	0.00663	0.00202	0.00174
120	421514	3758580	0.01010	0.00186	0.00229	0.00187	0.00652	0.00187	0.00172
121	421564	3758580	0.00938	0.00169	0.00190	0.00169	0.00607	0.00169	0.00162
122	421614	3758580	0.00844	0.00151	0.00164	0.00151	0.00546	0.00151	0.00147
123	421664	3758580	0.00746	0.00133	0.00142	0.00133	0.00483	0.00133	0.00130
124	421714	3758580	0.00650	0.00116	0.00122	0.00116	0.00420	0.00116	0.00114
125	421764	3758580	0.00562	0.00100	0.00105	0.00100	0.00363	0.00100	0.00098
126	421814	3758580	0.00485	0.00086	0.00090	0.00086	0.00314	0.00086	0.00085
127	421864	3758580	0.00411	0.00073	0.00075	0.00073	0.00266	0.00073	0.00072
128	421914	3758580	0.00350	0.00062	0.00064	0.00062	0.00226	0.00062	0.00062
129	421964	3758580	0.00291	0.00052	0.00053	0.00052	0.00188	0.00052	0.00051
130	422014	3758580	0.00238	0.00042	0.00044	0.00042	0.00153	0.00042	0.00042
131	422064	3758580	0.00187	0.00033	0.00034	0.00033	0.00120	0.00033	0.00033
132	422114	3758580	0.00163	0.00029	0.00030	0.00029	0.00105	0.00029	0.00029
133	421214	3758630	0.00476	0.00084	0.00090	0.00084	0.00309	0.00084	0.00082
134	421476.89	3758651.92	0.00755	0.00148	0.00212	0.00149	0.00479	0.00149	0.00127
135	421514	3758630	0.00812	0.00154	0.00205	0.00155	0.00519	0.00155	0.00137
136	421564	3758630	0.00761	0.00138	0.00159	0.00138	0.00492	0.00138	0.00131
137	421614	3758630	0.00704	0.00127	0.00140	0.00127	0.00455	0.00127	0.00122
138	421664	3758630	0.00637	0.00114	0.00124	0.00115	0.00411	0.00115	0.00111
139	421714	3758630	0.00570	0.00102	0.00109	0.00102	0.00368	0.00102	0.00100
140	421764	3758630	0.00504	0.00090	0.00095	0.00090	0.00326	0.00090	0.00088
141	421814	3758630	0.00443	0.00079	0.00083	0.00079	0.00287	0.00079	0.00077
142	421864	3758630	0.00388	0.00069	0.00072	0.00069	0.00251	0.00069	0.00068
143	421914	3758630	0.00337	0.00060	0.00062	0.00060	0.00218	0.00060	0.00059
144	421964	3758630	0.00272	0.00048	0.00050	0.00049	0.00176	0.00049	0.00048
145	422014	3758630	0.00233	0.00041	0.00043	0.00042	0.00150	0.00042	0.00041
146	422064	3758630	0.00195	0.00035	0.00036	0.00035	0.00126	0.00035	0.00034
147	422114	3758630	0.00164	0.00029	0.00030	0.00029	0.00105	0.00029	0.00029
148	421164	3758680	0.00363	0.00064	0.00068	0.00064	0.00236	0.00064	0.00063
149	421214	3758680	0.00413	0.00073	0.00078	0.00073	0.00268	0.00073	0.00071
150	421480.76	3758680	0.00667	0.00127	0.00169	0.00128	0.00426	0.00128	0.00113
151	421514	3758680	0.00663	0.00127	0.00172	0.00128	0.00423	0.00128	0.00112
152	421564	3758680	0.00633	0.00117	0.00141	0.00117	0.00408	0.00117	0.00109
153	421614	3758680	0.00593	0.00108	0.00124	0.00108	0.00383	0.00108	0.00102
154	421664	3758680	0.00548	0.00099	0.00111	0.00099	0.00354	0.00099	0.00095
155	421714	3758680	0.00499	0.00090	0.00098	0.00090	0.00322	0.00090	0.00087
156	421764	3758680	0.00450	0.00081	0.00087	0.00081	0.00290	0.00081	0.00079
157	421814	3758680	0.00403	0.00072	0.00077	0.00072	0.00261	0.00072	0.00070
158	421864	3758680	0.00357	0.00063	0.00067	0.00063	0.00231	0.00063	0.00062
159	421914	3758680	0.00318	0.00056	0.00059	0.00056	0.00206	0.00056	0.00055
160	421964	3758680	0.00262	0.00047	0.00048	0.00047	0.00170	0.00047	0.00046
161	422014	3758680	0.00217	0.00039	0.00040	0.00039	0.00140	0.00039	0.00038
162	422064	3758680	0.00188	0.00033	0.00035	0.00033	0.00121	0.00033	0.00033
163	422114	3758680	0.00161	0.00029	0.00030	0.00029	0.00104	0.00029	0.00029
164	421164	3758730	0.00319	0.00056	0.00060	0.00057	0.00207	0.00057	0.00055
165	421214	3758730	0.00359	0.00063	0.00068	0.00064	0.00233	0.00064	0.00062
166	421264	3758730	0.00396	0.00070	0.00075	0.00070	0.00258	0.00070	0.00068
167	421529.47	3758726.13	0.00553	0.00105	0.00136	0.00105	0.00353	0.00105	0.00094
168	421564	3758730	0.00539	0.00105	0.00147	0.00106	0.00342	0.00106	0.00091

Diamond Bar - Crooked Creek
Unmitigated Residential - Residential Construction - Non-Cancer Risk Summary

31	Receptor
0.34628	Max

Receptor #	X	Y	Total	Site Prep	Grading	Utilities	Paving	Const	Arch Coat
169	421614	3758730	0.00509	0.00095	0.00119	0.00096	0.00326	0.00096	0.00087
170	421664	3758730	0.00474	0.00087	0.00103	0.00088	0.00305	0.00088	0.00082
171	421714	3758730	0.00438	0.00080	0.00091	0.00080	0.00282	0.00080	0.00076
172	421764	3758730	0.00401	0.00072	0.00080	0.00073	0.00258	0.00073	0.00070
173	421814	3758730	0.00360	0.00064	0.00069	0.00064	0.00233	0.00064	0.00063
174	421864	3758730	0.00318	0.00057	0.00060	0.00057	0.00206	0.00057	0.00056
175	421914	3758730	0.00274	0.00049	0.00051	0.00049	0.00177	0.00049	0.00048
176	421964	3758730	0.00248	0.00044	0.00046	0.00044	0.00161	0.00044	0.00043
177	422014	3758730	0.00222	0.00040	0.00041	0.00040	0.00144	0.00040	0.00039
178	422064	3758730	0.00206	0.00037	0.00038	0.00037	0.00133	0.00037	0.00036
179	422114	3758730	0.00163	0.00029	0.00030	0.00029	0.00105	0.00029	0.00029
180	421114	3758780	0.00235	0.00042	0.00044	0.00042	0.00153	0.00042	0.00041
181	421164	3758780	0.00283	0.00050	0.00053	0.00050	0.00184	0.00050	0.00049
182	421214	3758780	0.00311	0.00055	0.00059	0.00055	0.00202	0.00055	0.00054
183	421264	3758780	0.00345	0.00061	0.00065	0.00061	0.00224	0.00061	0.00060
184	421614	3758780	0.00443	0.00088	0.00126	0.00089	0.00280	0.00089	0.00075
185	421664	3758780	0.00417	0.00080	0.00108	0.00081	0.00265	0.00081	0.00071
186	421714	3758780	0.00388	0.00072	0.00088	0.00073	0.00248	0.00073	0.00067
187	421764	3758780	0.00358	0.00065	0.00075	0.00066	0.00230	0.00066	0.00062
188	421814	3758780	0.00326	0.00059	0.00064	0.00059	0.00210	0.00059	0.00057
189	421864	3758780	0.00300	0.00054	0.00058	0.00054	0.00194	0.00054	0.00052
190	421914	3758780	0.00254	0.00045	0.00048	0.00045	0.00164	0.00045	0.00044
191	421964	3758780	0.00234	0.00042	0.00044	0.00042	0.00152	0.00042	0.00041
192	422014	3758780	0.00207	0.00037	0.00038	0.00037	0.00134	0.00037	0.00036
193	422064	3758780	0.00188	0.00033	0.00035	0.00033	0.00121	0.00033	0.00033
194	422114	3758780	0.00165	0.00029	0.00030	0.00029	0.00107	0.00029	0.00029
195	421114	3758830	0.00225	0.00040	0.00042	0.00040	0.00146	0.00040	0.00039
196	421164	3758830	0.00251	0.00044	0.00047	0.00044	0.00163	0.00044	0.00044
197	421214	3758830	0.00275	0.00049	0.00052	0.00049	0.00179	0.00049	0.00048
198	421675.6	3758827.42	0.00364	0.00071	0.00097	0.00071	0.00231	0.00071	0.00062
199	421714	3758830	0.00348	0.00069	0.00100	0.00070	0.00219	0.00070	0.00059
200	421764	3758830	0.00322	0.00061	0.00076	0.00061	0.00206	0.00061	0.00056
201	421814	3758830	0.00295	0.00053	0.00061	0.00054	0.00190	0.00054	0.00051
202	421864	3758830	0.00274	0.00049	0.00054	0.00049	0.00177	0.00049	0.00048
203	421914	3758830	0.00253	0.00045	0.00049	0.00045	0.00164	0.00045	0.00044
204	421964	3758830	0.00220	0.00039	0.00041	0.00039	0.00142	0.00039	0.00038
205	422014	3758830	0.00206	0.00037	0.00039	0.00037	0.00133	0.00037	0.00036
206	422064	3758830	0.00175	0.00031	0.00033	0.00031	0.00113	0.00031	0.00031
207	422114	3758830	0.00161	0.00029	0.00030	0.00029	0.00104	0.00029	0.00028
208	421114	3758880	0.00202	0.00036	0.00038	0.00036	0.00131	0.00036	0.00035
209	421164	3758880	0.00222	0.00039	0.00042	0.00039	0.00144	0.00039	0.00038
210	421214	3758880	0.00242	0.00043	0.00045	0.00043	0.00157	0.00043	0.00042
211	421732.05	3758874.84	0.00309	0.00062	0.00093	0.00063	0.00194	0.00063	0.00052
212	421764	3758880	0.00294	0.00058	0.00084	0.00059	0.00185	0.00059	0.00050
213	421814	3758880	0.00271	0.00050	0.00061	0.00050	0.00173	0.00050	0.00047
214	421864	3758880	0.00250	0.00045	0.00051	0.00045	0.00161	0.00045	0.00043
215	421914	3758880	0.00233	0.00042	0.00046	0.00042	0.00151	0.00042	0.00041
216	421964	3758880	0.00217	0.00039	0.00042	0.00039	0.00140	0.00039	0.00038
217	422014	3758880	0.00201	0.00036	0.00038	0.00036	0.00130	0.00036	0.00035
218	422064	3758880	0.00178	0.00032	0.00033	0.00032	0.00115	0.00032	0.00031
219	422114	3758880	0.00152	0.00027	0.00028	0.00027	0.00098	0.00027	0.00027
220	421114	3758930	0.00183	0.00032	0.00034	0.00032	0.00119	0.00032	0.00032
221	421164	3758930	0.00200	0.00035	0.00037	0.00035	0.00130	0.00035	0.00035
222	421914	3758930	0.00214	0.00039	0.00043	0.00039	0.00138	0.00039	0.00037
223	421964	3758930	0.00200	0.00036	0.00039	0.00036	0.00130	0.00036	0.00035
224	422014	3758930	0.00188	0.00034	0.00036	0.00034	0.00122	0.00034	0.00033

Diamond Bar - Crooked Creek
Unmitigated Residential - Residential Construction - Non-Cancer Risk Summary

31	Receptor
0.34628	Max

Receptor #	X	Y	Total	Site Prep	Grading	Utilities	Paving	Const	Arch Coat
225	422064	3758930	0.00176	0.00031	0.00033	0.00031	0.00114	0.00031	0.00031
226	422114	3758930	0.00162	0.00029	0.00030	0.00029	0.00105	0.00029	0.00028
227	421114	3758980	0.00167	0.00030	0.00031	0.00030	0.00109	0.00030	0.00029
228	421264	3758980	0.00149	0.00027	0.00028	0.00027	0.00096	0.00027	0.00026
229	421314	3758980	0.00158	0.00028	0.00030	0.00028	0.00102	0.00028	0.00028
230	421864	3758980	0.00211	0.00039	0.00045	0.00039	0.00136	0.00039	0.00037
231	421914	3758980	0.00199	0.00036	0.00041	0.00036	0.00128	0.00036	0.00035
232	422014	3758980	0.00176	0.00031	0.00034	0.00031	0.00113	0.00031	0.00031
233	422064	3758980	0.00164	0.00029	0.00031	0.00029	0.00106	0.00029	0.00029
234	422114	3758980	0.00152	0.00027	0.00029	0.00027	0.00099	0.00027	0.00027
235	421214	3759030	0.00127	0.00023	0.00024	0.00023	0.00082	0.00023	0.00022
236	421264	3759030	0.00136	0.00024	0.00026	0.00024	0.00088	0.00024	0.00024
237	421314	3759030	0.00142	0.00025	0.00027	0.00026	0.00092	0.00026	0.00025
238	421864	3759030	0.00194	0.00036	0.00041	0.00036	0.00125	0.00036	0.00034
239	421914	3759030	0.00183	0.00033	0.00038	0.00033	0.00118	0.00033	0.00032
240	421964	3759030	0.00174	0.00031	0.00035	0.00031	0.00112	0.00031	0.00030
241	422014	3759030	0.00165	0.00030	0.00032	0.00030	0.00106	0.00030	0.00029
242	422114	3759030	0.00145	0.00026	0.00028	0.00026	0.00094	0.00026	0.00025
243	421164	3759080	0.00109	0.00019	0.00021	0.00019	0.00070	0.00019	0.00019
244	421214	3759080	0.00117	0.00021	0.00022	0.00021	0.00076	0.00021	0.00021
245	421264	3759080	0.00124	0.00022	0.00023	0.00022	0.00080	0.00022	0.00022
246	421814	3759080	0.00187	0.00034	0.00041	0.00035	0.00120	0.00035	0.00032
247	421864	3759080	0.00179	0.00033	0.00038	0.00033	0.00115	0.00033	0.00031
248	421914	3759080	0.00170	0.00031	0.00035	0.00031	0.00109	0.00031	0.00029
249	421964	3759080	0.00162	0.00029	0.00032	0.00029	0.00104	0.00029	0.00028
250	422014	3759080	0.00154	0.00028	0.00030	0.00028	0.00099	0.00028	0.00027
251	422064	3759080	0.00145	0.00026	0.00028	0.00026	0.00094	0.00026	0.00025
252	422114	3759080	0.00137	0.00024	0.00026	0.00024	0.00089	0.00024	0.00024
253	421114	3759130	0.00093	0.00017	0.00018	0.00017	0.00060	0.00017	0.00016
254	421164	3759130	0.00099	0.00018	0.00019	0.00018	0.00064	0.00018	0.00017
255	421214	3759130	0.00107	0.00019	0.00020	0.00019	0.00069	0.00019	0.00019
256	421264	3759130	0.00115	0.00021	0.00022	0.00021	0.00074	0.00021	0.00020
257	421814	3759130	0.00171	0.00031	0.00037	0.00032	0.00110	0.00032	0.00030
258	421864	3759130	0.00165	0.00030	0.00034	0.00030	0.00106	0.00030	0.00029
259	421914	3759130	0.00158	0.00029	0.00032	0.00029	0.00102	0.00029	0.00028
260	421964	3759130	0.00151	0.00027	0.00030	0.00027	0.00097	0.00027	0.00026
261	422014	3759130	0.00144	0.00026	0.00028	0.00026	0.00093	0.00026	0.00025
262	422064	3759130	0.00137	0.00025	0.00027	0.00025	0.00088	0.00025	0.00024
263	422114	3759130	0.00131	0.00023	0.00025	0.00023	0.00084	0.00023	0.00023
0	0	0							

Unmitigated Residential Health Risk Assessment

4. Risk by Construction Phase

4. Risk by Construction Phase
a. Site Preparation

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

	31 0.5623	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.0382	3.8E-08	3.6E-08	2.0E-09	2.1289	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
2	0.0607	6.1E-08	5.9E-08	1.4E-09	3.48869	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
3	0.1204	1.2E-07	1.2E-07	1.1E-09	7.01295	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
4	0.0611	6.1E-08	6.0E-08	1.5E-09	3.50541	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
5	0.1198	1.2E-07	1.2E-07	1.6E-09	6.95063	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
6	0.3311	3.3E-07	3.3E-07	2.1E-09	19.35187	7.4E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
7	0.0162	1.6E-08	1.6E-08	1.1E-10	0.94627	7.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
8	0.0113	1.1E-08	1.1E-08	8.7E-11	0.66164	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
9	0.0085	8.5E-09	8.4E-09	6.9E-11	0.49331	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.4E-09
10	0.0068	6.8E-09	6.8E-09	5.9E-11	0.3994	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
11	0.0044	4.4E-09	4.3E-09	4.1E-11	0.25515	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
12	0.0037	3.7E-09	3.7E-09	3.6E-11	0.21654	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
13	0.0031	3.1E-09	3.0E-09	3.1E-11	0.17828	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
14	0.0021	2.1E-09	2.0E-09	2.2E-11	0.12001	7.4E-03	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
15	0.0018	1.8E-09	1.8E-09	2.0E-11	0.10549	7.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
16	0.0919	9.2E-08	9.0E-08	1.5E-09	5.31873	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
17	0.1767	1.8E-07	1.7E-07	1.7E-09	10.29309	7.4E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
18	0.3984	4.0E-07	4.0E-07	2.3E-09	23.29973	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
19	0.0208	2.1E-08	2.1E-08	1.4E-10	1.21426	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
20	0.0141	1.4E-08	1.4E-08	1.0E-10	0.82462	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
21	0.0104	1.0E-08	1.0E-08	8.2E-11	0.60814	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
22	0.0079	7.9E-09	7.8E-09	6.6E-11	0.46053	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
23	0.0064	6.4E-09	6.3E-09	5.6E-11	0.37219	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
24	0.0051	5.1E-09	5.1E-09	4.7E-11	0.29851	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
25	0.0041	4.1E-09	4.1E-09	3.9E-11	0.24009	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09
26	0.0034	3.4E-09	3.3E-09	3.3E-11	0.19632	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
27	0.0028	2.8E-09	2.8E-09	2.9E-11	0.16442	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
28	0.0020	2.0E-09	1.9E-09	2.1E-11	0.11385	7.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
29	0.1157	1.2E-07	1.1E-07	2.3E-09	6.66955	7.4E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	0.2079	2.1E-07	2.1E-07	1.7E-09	12.12883	7.4E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.1E-07
31	0.5623	5.6E-07	5.6E-07	2.9E-09	32.90584	7.4E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.6E-07

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31 0.5623	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	0.3522	3.5E-07	3.5E-07	1.8E-09	20.60922	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
33	0.0179	1.8E-08	1.8E-08	1.3E-10	1.04579	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
34	0.0132	1.3E-08	1.3E-08	1.0E-10	0.7717	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
35	0.0100	1.0E-08	9.9E-09	8.1E-11	0.58443	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
36	0.0076	7.6E-09	7.5E-09	6.5E-11	0.44257	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
37	0.0058	5.8E-09	5.7E-09	5.2E-11	0.33809	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
38	0.0046	4.6E-09	4.5E-09	4.3E-11	0.26664	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
39	0.0037	3.7E-09	3.6E-09	3.6E-11	0.21304	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
40	0.0031	3.1E-09	3.0E-09	3.1E-11	0.17882	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
41	0.0026	2.6E-09	2.6E-09	2.7E-11	0.15106	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
42	0.0022	2.2E-09	2.2E-09	2.3E-11	0.12889	7.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.2E-09
43	0.1162	1.2E-07	1.1E-07	1.7E-09	6.73347	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
44	0.1692	1.7E-07	1.7E-07	1.4E-09	9.86907	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
45	0.2009	2.0E-07	2.0E-07	1.3E-09	11.74326	7.4E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	2.0E-07
46	0.1669	1.7E-07	1.7E-07	1.0E-09	9.75409	7.4E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.7E-07
47	0.0156	1.6E-08	1.5E-08	1.2E-10	0.90896	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
48	0.0117	1.2E-08	1.2E-08	9.2E-11	0.68168	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
49	0.0088	8.8E-09	8.7E-09	7.3E-11	0.51312	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
50	0.0063	6.3E-09	6.3E-09	5.5E-11	0.36845	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.3E-09
51	0.0052	5.2E-09	5.1E-09	4.7E-11	0.30131	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
52	0.0042	4.2E-09	4.1E-09	4.0E-11	0.24352	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
53	0.0033	3.3E-09	3.3E-09	3.3E-11	0.19318	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
54	0.0028	2.8E-09	2.8E-09	2.8E-11	0.16338	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
55	0.0024	2.4E-09	2.4E-09	2.5E-11	0.14034	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
56	0.0724	7.2E-08	7.1E-08	1.4E-09	4.17293	7.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.1E-08
57	0.0913	9.1E-08	9.0E-08	1.3E-09	5.29757	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
58	0.0985	9.8E-08	9.8E-08	9.2E-10	5.73909	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.8E-08
59	0.0973	9.7E-08	9.7E-08	7.7E-10	5.67911	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.7E-08
60	0.0795	8.0E-08	7.9E-08	6.0E-10	4.64213	7.4E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.9E-08
61	0.0433	4.3E-08	4.3E-08	3.2E-10	2.52648	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
62	0.0182	1.8E-08	1.8E-08	1.4E-10	1.06309	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	0.5623	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
63	0.0132	1.3E-08	1.3E-08	1.3E-08	1.0E-10	0.77268	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
64	0.0104	1.0E-08	1.0E-08	1.0E-08	8.6E-11	0.60845	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
65	0.0077	7.7E-09	7.6E-09	7.6E-09	6.6E-11	0.44744	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.6E-09
66	0.0058	5.8E-09	5.7E-09	5.7E-09	5.2E-11	0.33524	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
67	0.0048	4.8E-09	4.8E-09	4.8E-09	4.5E-11	0.27979	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
68	0.0039	3.9E-09	3.8E-09	3.8E-09	3.7E-11	0.2244	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
69	0.0031	3.1E-09	3.1E-09	3.1E-09	3.1E-11	0.18169	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
70	0.0026	2.6E-09	2.6E-09	2.6E-09	2.7E-11	0.15226	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
71	0.0589	5.9E-08	5.7E-08	5.7E-08	1.7E-09	3.36722	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
72	0.0638	6.4E-08	6.3E-08	6.3E-08	9.4E-10	3.69785	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08
73	0.0630	6.3E-08	6.2E-08	6.2E-08	6.8E-10	3.66593	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.2E-08
74	0.0554	5.5E-08	5.5E-08	5.5E-08	5.1E-10	3.22742	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
75	0.0463	4.6E-08	4.6E-08	4.6E-08	4.1E-10	2.70117	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
76	0.0368	3.7E-08	3.7E-08	3.7E-08	3.2E-10	2.14729	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
77	0.0284	2.8E-08	2.8E-08	2.8E-08	2.3E-10	1.6568	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
78	0.0202	2.0E-08	2.0E-08	2.0E-08	1.6E-10	1.18131	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
79	0.0141	1.4E-08	1.4E-08	1.4E-08	1.1E-10	0.82556	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
80	0.0112	1.1E-08	1.1E-08	1.1E-08	9.3E-11	0.65168	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
81	0.0087	8.7E-09	8.6E-09	8.6E-09	7.4E-11	0.5057	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
82	0.0066	6.6E-09	6.6E-09	6.6E-09	5.9E-11	0.38537	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
83	0.0053	5.3E-09	5.3E-09	5.3E-09	4.9E-11	0.31159	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
84	0.0043	4.3E-09	4.2E-09	4.2E-09	4.1E-11	0.24987	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
85	0.0036	3.6E-09	3.5E-09	3.5E-09	3.5E-11	0.20808	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
86	0.0030	3.0E-09	3.0E-09	3.0E-09	3.0E-11	0.17641	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
87	0.0417	4.2E-08	4.0E-08	4.0E-08	1.9E-09	2.34477	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
88	0.0441	4.4E-08	4.3E-08	4.3E-08	1.1E-09	2.52692	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
89	0.0436	4.4E-08	4.3E-08	4.3E-08	6.8E-10	2.52189	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
90	0.0471	4.7E-08	4.7E-08	4.7E-08	5.5E-10	2.73658	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
91	0.0359	3.6E-08	3.5E-08	3.5E-08	3.8E-10	2.08775	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
92	0.0302	3.0E-08	3.0E-08	3.0E-08	2.9E-10	1.75833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
93	0.0242	2.4E-08	2.4E-08	2.4E-08	2.1E-10	1.40869	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31 0.5623	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
94	0.0190	1.9E-08	1.9E-08	1.6E-10	1.10707	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
95	0.0145	1.4E-08	1.4E-08	1.2E-10	0.84487	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
96	0.0113	1.1E-08	1.1E-08	9.8E-11	0.66067	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
97	0.0088	8.8E-09	8.7E-09	7.7E-11	0.51326	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
98	0.0070	7.0E-09	7.0E-09	6.3E-11	0.40928	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
99	0.0056	5.6E-09	5.6E-09	5.2E-11	0.3274	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
100	0.0046	4.6E-09	4.5E-09	4.3E-11	0.26752	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
101	0.0038	3.8E-09	3.8E-09	3.7E-11	0.22247	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
102	0.0032	3.2E-09	3.2E-09	3.2E-11	0.1888	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
103	0.0330	3.3E-08	3.1E-08	1.6E-09	1.84597	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
104	0.0326	3.3E-08	3.2E-08	7.7E-10	1.8707	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
105	0.0311	3.1E-08	3.1E-08	5.1E-10	1.79694	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
106	0.0283	2.8E-08	2.8E-08	3.7E-10	1.64097	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
107	0.0249	2.5E-08	2.5E-08	2.8E-10	1.44868	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
108	0.0208	2.1E-08	2.1E-08	2.1E-10	1.20878	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.1E-08
109	0.0168	1.7E-08	1.7E-08	1.6E-10	0.97938	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
110	0.0145	1.4E-08	1.4E-08	1.3E-10	0.84257	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
111	0.0127	1.3E-08	1.3E-08	1.2E-10	0.73882	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
112	0.0099	9.9E-09	9.8E-09	9.1E-11	0.57415	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.8E-09
113	0.0084	8.4E-09	8.3E-09	7.9E-11	0.49034	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
114	0.0069	6.9E-09	6.9E-09	6.5E-11	0.40309	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
115	0.0055	5.5E-09	5.4E-09	5.2E-11	0.31882	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
116	0.0045	4.5E-09	4.4E-09	4.3E-11	0.25985	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
117	0.0036	3.6E-09	3.6E-09	3.6E-11	0.20903	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
118	0.0251	2.5E-08	2.4E-08	1.2E-09	1.40858	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
119	0.0252	2.5E-08	2.4E-08	1.2E-09	1.41449	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
120	0.0243	2.4E-08	2.4E-08	5.3E-10	1.39758	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
121	0.0227	2.3E-08	2.2E-08	3.6E-10	1.31485	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
122	0.0206	2.1E-08	2.0E-08	2.7E-10	1.19465	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
123	0.0182	1.8E-08	1.8E-08	2.2E-10	1.05909	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
124	0.0159	1.6E-08	1.6E-08	1.8E-10	0.92686	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31	Receptor									
	0.5623	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0138	1.4E-08	1.4E-08	1.4E-10	0.80053	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
126	0.0119	1.2E-08	1.2E-08	1.2E-10	0.69206	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
127	0.0101	1.0E-08	1.0E-08	1.0E-10	0.58599	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	1.0E-08
128	0.0086	8.6E-09	8.5E-09	8.5E-11	0.50096	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
129	0.0072	7.2E-09	7.1E-09	7.0E-11	0.41796	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
130	0.0059	5.9E-09	5.8E-09	5.7E-11	0.34239	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
131	0.0046	4.6E-09	4.6E-09	4.5E-11	0.26987	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
132	0.0040	4.0E-09	4.0E-09	4.0E-11	0.23513	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
133	0.0116	1.2E-08	1.1E-08	2.4E-10	0.66897	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
134	0.0185	1.8E-08	1.8E-08	9.7E-10	1.03096	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.8E-08
135	0.0196	2.0E-08	1.9E-08	5.4E-10	1.11817	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
136	0.0185	1.8E-08	1.8E-08	3.5E-10	1.06488	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
137	0.0172	1.7E-08	1.7E-08	2.6E-10	0.99354	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
138	0.0156	1.6E-08	1.5E-08	2.1E-10	0.904	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
139	0.0139	1.4E-08	1.4E-08	1.7E-10	0.81017	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
140	0.0123	1.2E-08	1.2E-08	1.4E-10	0.71623	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
141	0.0108	1.1E-08	1.1E-08	1.2E-10	0.63091	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
142	0.0095	9.5E-09	9.4E-09	1.0E-10	0.55201	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
143	0.0083	8.3E-09	8.2E-09	8.6E-11	0.48025	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
144	0.0067	6.7E-09	6.6E-09	6.8E-11	0.39044	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
145	0.0057	5.7E-09	5.7E-09	5.8E-11	0.3342	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
146	0.0048	4.8E-09	4.8E-09	4.9E-11	0.28047	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
147	0.0040	4.0E-09	4.0E-09	4.1E-11	0.23555	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
148	0.0089	8.9E-09	8.7E-09	1.7E-10	0.51247	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
149	0.0101	1.0E-08	9.9E-09	2.1E-10	0.58112	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
150	0.0163	1.6E-08	1.6E-08	7.1E-10	0.91933	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
151	0.0160	1.6E-08	1.6E-08	4.8E-10	0.91288	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
152	0.0153	1.5E-08	1.5E-08	3.2E-10	0.8836	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
153	0.0144	1.4E-08	1.4E-08	2.4E-10	0.83248	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
154	0.0134	1.3E-08	1.3E-08	2.0E-10	0.77407	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
155	0.0122	1.2E-08	1.2E-08	1.6E-10	0.70704	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31	Receptor									
	0.5623	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
156	0.0110	1.1E-08	1.1E-08	1.4E-10	0.63958	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
157	0.0099	9.9E-09	9.7E-09	1.2E-10	0.57261	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
158	0.0087	8.7E-09	8.6E-09	9.9E-11	0.507	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
159	0.0078	7.8E-09	7.7E-09	8.6E-11	0.45141	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
160	0.0064	6.4E-09	6.4E-09	6.8E-11	0.37505	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09
161	0.0053	5.3E-09	5.3E-09	5.6E-11	0.3109	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
162	0.0046	4.6E-09	4.6E-09	4.8E-11	0.26948	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
163	0.0040	4.0E-09	3.9E-09	4.1E-11	0.2321	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
164	0.0078	7.8E-09	7.6E-09	1.5E-10	0.44979	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
165	0.0088	8.8E-09	8.6E-09	1.7E-10	0.50535	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
166	0.0097	9.7E-09	9.5E-09	2.0E-10	0.55605	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.5E-09
167	0.0134	1.3E-08	1.3E-08	3.4E-10	0.76605	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
168	0.0129	1.3E-08	1.3E-08	2.8E-10	0.74212	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
169	0.0123	1.2E-08	1.2E-08	2.2E-10	0.71011	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
170	0.0115	1.2E-08	1.1E-08	1.8E-10	0.66746	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
171	0.0107	1.1E-08	1.1E-08	1.5E-10	0.61914	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.1E-08
172	0.0098	9.8E-09	9.7E-09	1.3E-10	0.56804	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
173	0.0088	8.8E-09	8.7E-09	1.1E-10	0.51041	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
174	0.0078	7.8E-09	7.7E-09	9.2E-11	0.45215	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
175	0.0067	6.7E-09	6.6E-09	7.6E-11	0.39007	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
176	0.0061	6.1E-09	6.0E-09	6.8E-11	0.35392	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
177	0.0055	5.5E-09	5.4E-09	6.0E-11	0.3175	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.4E-09
178	0.0051	5.1E-09	5.0E-09	5.5E-11	0.29458	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
179	0.0040	4.0E-09	4.0E-09	4.3E-11	0.23316	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
180	0.0058	5.8E-09	5.7E-09	1.1E-10	0.33274	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
181	0.0069	6.9E-09	6.8E-09	1.3E-10	0.39975	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
182	0.0076	7.6E-09	7.5E-09	1.5E-10	0.43864	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
183	0.0084	8.4E-09	8.3E-09	1.7E-10	0.48536	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.3E-09
184	0.0106	1.1E-08	1.0E-08	1.9E-10	0.61014	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
185	0.0100	1.0E-08	9.9E-09	1.6E-10	0.57943	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
186	0.0094	9.4E-09	9.3E-09	1.4E-10	0.54464	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5623	Max									
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
187	0.0087	8.7E-09	8.6E-09	1.2E-10	0.50549	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
188	0.0079	7.9E-09	7.8E-09	1.1E-10	0.46029	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
189	0.0073	7.3E-09	7.2E-09	9.3E-11	0.4249	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
190	0.0062	6.2E-09	6.1E-09	7.4E-11	0.36106	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
191	0.0057	5.7E-09	5.7E-09	6.7E-11	0.33374	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
192	0.0051	5.1E-09	5.0E-09	5.8E-11	0.29459	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
193	0.0046	4.6E-09	4.6E-09	5.2E-11	0.26791	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
194	0.0041	4.1E-09	4.0E-09	4.5E-11	0.23596	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
195	0.0055	5.5E-09	5.4E-09	1.0E-10	0.31822	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
196	0.0061	6.1E-09	6.0E-09	1.1E-10	0.35442	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
197	0.0067	6.7E-09	6.6E-09	1.3E-10	0.38757	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
198	0.0087	8.7E-09	8.6E-09	1.4E-10	0.50574	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
199	0.0083	8.3E-09	8.2E-09	1.3E-10	0.4809	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
200	0.0078	7.8E-09	7.7E-09	1.1E-10	0.45273	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
201	0.0072	7.2E-09	7.1E-09	9.9E-11	0.41569	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
202	0.0067	6.7E-09	6.6E-09	8.9E-11	0.3874	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
203	0.0062	6.2E-09	6.1E-09	8.0E-11	0.35931	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
204	0.0054	5.4E-09	5.3E-09	6.6E-11	0.31258	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
205	0.0050	5.0E-09	5.0E-09	6.1E-11	0.29326	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
206	0.0043	4.3E-09	4.3E-09	5.0E-11	0.25011	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
207	0.0040	4.0E-09	3.9E-09	4.6E-11	0.22979	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
208	0.0049	4.9E-09	4.9E-09	8.9E-11	0.28553	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09
209	0.0054	5.4E-09	5.3E-09	9.9E-11	0.31317	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
210	0.0059	5.9E-09	5.8E-09	1.1E-10	0.34113	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
211	0.0073	7.3E-09	7.2E-09	1.1E-10	0.4254	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
212	0.0070	7.0E-09	6.9E-09	1.0E-10	0.40593	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
213	0.0066	6.6E-09	6.5E-09	9.4E-11	0.38055	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.5E-09
214	0.0061	6.1E-09	6.0E-09	8.4E-11	0.35286	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
215	0.0057	5.7E-09	5.6E-09	7.6E-11	0.33042	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
216	0.0053	5.3E-09	5.2E-09	6.9E-11	0.30696	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
217	0.0049	4.9E-09	4.9E-09	6.3E-11	0.28558	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	31 0.5623	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
218	0.0044	4.4E-09	4.3E-09	5.4E-11	0.25289	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
219	0.0037	3.7E-09	3.7E-09	4.5E-11	0.21705	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
220	0.0045	4.5E-09	4.4E-09	8.0E-11	0.25867	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
221	0.0049	4.9E-09	4.8E-09	8.8E-11	0.28227	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
222	0.0052	5.2E-09	5.1E-09	7.2E-11	0.30285	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
223	0.0049	4.9E-09	4.8E-09	6.6E-11	0.28404	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
224	0.0046	4.6E-09	4.5E-09	6.1E-11	0.26716	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
225	0.0043	4.3E-09	4.2E-09	5.6E-11	0.24945	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
226	0.0040	4.0E-09	3.9E-09	5.0E-11	0.23062	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
227	0.0041	4.1E-09	4.0E-09	7.2E-11	0.23682	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
228	0.0037	3.7E-09	3.6E-09	6.7E-11	0.21189	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
229	0.0039	3.9E-09	3.8E-09	7.2E-11	0.22467	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
230	0.0051	5.1E-09	5.1E-09	7.4E-11	0.29824	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
231	0.0049	4.9E-09	4.8E-09	6.9E-11	0.28228	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
232	0.0043	4.3E-09	4.2E-09	5.8E-11	0.24885	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
233	0.0040	4.0E-09	4.0E-09	5.3E-11	0.2325	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
234	0.0037	3.7E-09	3.7E-09	4.8E-11	0.21656	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
235	0.0031	3.1E-09	3.1E-09	5.6E-11	0.18168	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
236	0.0033	3.3E-09	3.3E-09	6.0E-11	0.19303	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
237	0.0035	3.5E-09	3.4E-09	6.3E-11	0.20257	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
238	0.0047	4.7E-09	4.7E-09	6.9E-11	0.27372	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.7E-09
239	0.0045	4.5E-09	4.4E-09	6.4E-11	0.2593	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
240	0.0042	4.2E-09	4.2E-09	6.0E-11	0.24647	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
241	0.0040	4.0E-09	4.0E-09	5.6E-11	0.23355	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
242	0.0035	3.5E-09	3.5E-09	4.7E-11	0.2058	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
243	0.0027	2.7E-09	2.6E-09	4.8E-11	0.15502	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
244	0.0029	2.9E-09	2.8E-09	5.1E-11	0.1672	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
245	0.0031	3.1E-09	3.0E-09	5.4E-11	0.17664	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
246	0.0045	4.5E-09	4.5E-09	6.8E-11	0.26338	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.5E-09
247	0.0044	4.4E-09	4.3E-09	6.4E-11	0.25334	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
248	0.0041	4.1E-09	4.1E-09	6.0E-11	0.23996	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

	31	Receptor									
	0.5623	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0040	4.0E-09	3.9E-09	5.6E-11	0.2292	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
250	0.0038	3.8E-09	3.7E-09	5.3E-11	0.2182	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
251	0.0035	3.5E-09	3.5E-09	4.9E-11	0.20539	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
252	0.0033	3.3E-09	3.3E-09	4.5E-11	0.19431	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
253	0.0023	2.3E-09	2.3E-09	4.1E-11	0.1334	7.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
254	0.0025	2.5E-09	2.4E-09	4.3E-11	0.14177	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
255	0.0026	2.6E-09	2.6E-09	4.6E-11	0.15265	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
256	0.0028	2.8E-09	2.8E-09	4.9E-11	0.16376	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
257	0.0042	4.2E-09	4.1E-09	6.3E-11	0.24198	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
258	0.0040	4.0E-09	4.0E-09	5.9E-11	0.23332	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
259	0.0039	3.9E-09	3.8E-09	5.6E-11	0.22451	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
260	0.0037	3.7E-09	3.6E-09	5.3E-11	0.21336	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
261	0.0035	3.5E-09	3.5E-09	5.0E-11	0.20404	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
262	0.0034	3.4E-09	3.3E-09	4.7E-11	0.19449	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
263	0.0032	3.2E-09	3.2E-09	4.4E-11	0.18577	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09
0	0.0000	5.3E-19	0.0E+00	5.3E-19	0	7.4E-03	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	6.3E-01	3.3E-05	1.0E-03	7.4E-08	1.6E-01	1.4E-02	1.6E-10	9.3E+00	8.5E-05	1.0E-03	8.2E-07	1.6E-01	1.4E-02	1.8E-09
2	7.4E-01	3.3E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10	5.9E+00	8.5E-05	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.2E-09
3	8.5E-01	3.3E-05	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10	3.1E+00	8.5E-05	1.0E-03	2.7E-07	1.6E-01	1.4E-02	6.0E-10
4	8.5E-01	3.3E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10	6.2E+00	8.5E-05	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
5	1.0E+00	3.3E-05	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.4E-10	5.3E+00	8.5E-05	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
6	1.3E+00	3.3E-05	1.0E-03	6.8E-07	1.6E-01	1.4E-02	1.5E-09	3.0E+00	8.5E-05	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.9E-10
7	4.6E-01	3.3E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	2.1E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
8	3.9E-01	3.3E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
9	3.3E-01	3.3E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
10	2.9E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.4E-01	8.5E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
11	2.1E-01	3.3E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11	1.1E-01	8.5E-05	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.2E-11
12	1.8E-01	3.3E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.0E-01	8.5E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11
13	1.5E-01	3.3E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	8.8E-02	8.5E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11
14	1.1E-01	3.3E-05	1.0E-03	4.2E-09	1.6E-01	1.4E-02	9.3E-12	6.6E-02	8.5E-05	1.0E-03	5.9E-09	1.6E-01	1.4E-02	1.3E-11
15	9.7E-02	3.3E-05	1.0E-03	3.7E-09	1.6E-01	1.4E-02	8.1E-12	6.0E-02	8.5E-05	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11
16	1.2E+00	3.3E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10	5.5E+00	8.5E-05	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
17	1.6E+00	3.3E-05	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.9E-10	4.7E+00	8.5E-05	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.2E-10
18	2.3E+00	3.3E-05	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09	2.7E+00	8.5E-05	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.3E-10
19	6.1E-01	3.3E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.4E-11	2.4E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
20	5.0E-01	3.3E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
21	4.1E-01	3.3E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
22	3.4E-01	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
23	2.9E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
24	2.4E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.2E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
25	2.0E-01	3.3E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	1.1E-01	8.5E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11
26	1.7E-01	3.3E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	9.3E-02	8.5E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11
27	1.4E-01	3.3E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	8.3E-02	8.5E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
28	1.0E-01	3.3E-05	1.0E-03	4.0E-09	1.6E-01	1.4E-02	8.8E-12	6.3E-02	8.5E-05	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11
29	1.9E+00	3.3E-05	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.1E-10	9.1E+00	8.5E-05	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
30	3.0E+00	3.3E-05	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.4E-10	3.9E+00	8.5E-05	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
31	1.5E+01	3.3E-05	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09	1.7E+00	8.5E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	1.4E+01	3.3E-05	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09	1.2E+00	8.5E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
33	6.4E-01	3.3E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.1E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
34	5.2E-01	3.3E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
35	4.2E-01	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
36	3.4E-01	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
37	2.7E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
38	2.2E-01	3.3E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.1E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
39	1.8E-01	3.3E-05	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	9.7E-02	8.5E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11
40	1.5E-01	3.3E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	8.7E-02	8.5E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11
41	1.3E-01	3.3E-05	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.2E-11	7.7E-02	8.5E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
42	1.1E-01	3.3E-05	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.9E-12	6.9E-02	8.5E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.4E-11
43	3.3E+00	3.3E-05	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10	6.1E+00	8.5E-05	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
44	6.3E+00	3.3E-05	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.6E-10	3.1E+00	8.5E-05	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.2E-10
45	2.0E+01	3.3E-05	1.0E-03	4.1E-07	1.6E-01	1.4E-02	9.1E-10	2.0E+00	8.5E-05	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
46	2.9E+01	3.3E-05	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.5E-10	1.4E+00	8.5E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
47	6.5E-01	3.3E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	2.3E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
48	5.0E-01	3.3E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
49	3.9E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
50	2.9E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
51	2.5E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	1.2E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
52	2.0E-01	3.3E-05	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.9E-11	1.1E-01	8.5E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11
53	1.6E-01	3.3E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	9.0E-02	8.5E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11
54	1.4E-01	3.3E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	8.1E-02	8.5E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11
55	1.2E-01	3.3E-05	1.0E-03	4.9E-09	1.6E-01	1.4E-02	1.1E-11	7.3E-02	8.5E-05	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
56	3.4E+00	3.3E-05	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.2E-10	5.6E+00	8.5E-05	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
57	5.8E+00	3.3E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10	4.5E+00	8.5E-05	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.8E-10
58	1.1E+01	3.3E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	2.5E+00	8.5E-05	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
59	2.1E+01	3.3E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	1.7E+00	8.5E-05	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
60	2.3E+01	3.3E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10	1.2E+00	8.5E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
61	3.5E+00	3.3E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	6.4E-01	8.5E-05	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
62	8.7E-01	3.3E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	2.8E-01	8.5E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	6.2E-01	3.3E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	2.3E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
64	4.8E-01	3.3E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
65	3.6E-01	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
66	2.7E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
67	2.3E-01	3.3E-05	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.2E-11	1.2E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
68	1.9E-01	3.3E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	1.0E-01	8.5E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11
69	1.5E-01	3.3E-05	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	8.7E-02	8.5E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11
70	1.3E-01	3.3E-05	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.2E-11	7.6E-02	8.5E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11
71	5.7E+00	3.3E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10	7.1E+00	8.5E-05	1.0E-03	6.3E-07	1.6E-01	1.4E-02	1.4E-09
72	1.0E+01	3.3E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	3.3E+00	8.5E-05	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10
73	2.2E+01	3.3E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	2.0E+00	8.5E-05	1.0E-03	1.8E-07	1.6E-01	1.4E-02	4.0E-10
74	3.1E+01	3.3E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10	1.3E+00	8.5E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
75	1.3E+01	3.3E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	1.0E+00	8.5E-05	1.0E-03	9.1E-08	1.6E-01	1.4E-02	2.0E-10
76	5.2E+00	3.3E-05	1.0E-03	7.5E-08	1.6E-01	1.4E-02	1.7E-10	7.7E-01	8.5E-05	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
77	2.6E+00	3.3E-05	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10	5.5E-01	8.5E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
78	1.3E+00	3.3E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11	3.6E-01	8.5E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11
79	7.6E-01	3.3E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.6E-01	8.5E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
80	5.7E-01	3.3E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	2.2E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.3E-11
81	4.3E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
82	3.2E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	3.0E-11	1.5E-01	8.5E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
83	2.6E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.3E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
84	2.1E-01	3.3E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.1E-01	8.5E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11
85	1.7E-01	3.3E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	9.6E-02	8.5E-05	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.9E-11
86	1.5E-01	3.3E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	8.6E-02	8.5E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11
87	6.3E+00	3.3E-05	1.0E-03	8.2E-08	1.6E-01	1.4E-02	1.8E-10	8.5E+00	8.5E-05	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.7E-09
88	1.3E+01	3.3E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	4.6E+00	8.5E-05	1.0E-03	4.1E-07	1.6E-01	1.4E-02	9.1E-10
89	3.1E+01	3.3E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	2.5E+00	8.5E-05	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.9E-10
90	4.6E+01	3.3E-05	1.0E-03	9.6E-08	1.6E-01	1.4E-02	2.1E-10	1.7E+00	8.5E-05	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.4E-10
91	1.6E+01	3.3E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10	1.1E+00	8.5E-05	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10
92	5.4E+00	3.3E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10	7.7E-01	8.5E-05	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
93	2.6E+00	3.3E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	5.4E-01	8.5E-05	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	1.5E+00	3.3E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.5E-11	4.0E-01	8.5E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.8E-11
95	9.5E-01	3.3E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.5E-11	3.0E-01	8.5E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11
96	6.6E-01	3.3E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
97	4.8E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
98	3.6E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
99	2.8E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.3E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
100	2.3E-01	3.3E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.2E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
101	1.9E-01	3.3E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	1.0E-01	8.5E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11
102	1.6E-01	3.3E-05	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.5E-11	9.0E-02	8.5E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11
103	2.2E+01	3.3E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10	7.3E+00	8.5E-05	1.0E-03	6.5E-07	1.6E-01	1.4E-02	1.4E-09
104	5.0E+01	3.3E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10	3.2E+00	8.5E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
105	2.3E+01	3.3E-05	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	1.9E+00	8.5E-05	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
106	1.2E+01	3.3E-05	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10	1.2E+00	8.5E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
107	5.9E+00	3.3E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10	8.8E-01	8.5E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
108	2.9E+00	3.3E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11	5.8E-01	8.5E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10
109	1.7E+00	3.3E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11	4.2E-01	8.5E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11
110	1.2E+00	3.3E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.5E-11	3.6E-01	8.5E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
111	1.0E+00	3.3E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	3.3E-01	8.5E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11
112	6.3E-01	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
113	5.1E-01	3.3E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
114	3.9E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
115	2.9E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
116	2.3E-01	3.3E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	1.2E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
117	1.8E-01	3.3E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	9.9E-02	8.5E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11
118	1.5E+01	3.3E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	5.4E+00	8.5E-05	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.1E-09
119	3.3E+01	3.3E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	5.6E+00	8.5E-05	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
120	2.0E+01	3.3E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	2.1E+00	8.5E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
121	9.3E+00	3.3E-05	1.0E-03	4.6E-08	1.6E-01	1.4E-02	1.0E-10	1.3E+00	8.5E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
122	5.4E+00	3.3E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11	9.3E-01	8.5E-05	1.0E-03	8.3E-08	1.6E-01	1.4E-02	1.8E-10
123	3.4E+00	3.3E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	6.9E-01	8.5E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10
124	2.2E+00	3.3E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11	5.4E-01	8.5E-05	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.5E+00	3.3E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.2E-11	4.2E-01	8.5E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.3E-11
126	1.1E+00	3.3E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	3.5E-01	8.5E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11
127	8.0E-01	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	2.8E-01	8.5E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11
128	6.1E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
129	4.5E-01	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
130	3.4E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
131	2.5E-01	3.3E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11	1.3E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
132	2.1E-01	3.3E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	1.1E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
133	9.4E-01	3.3E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.2E-11	9.8E-01	8.5E-05	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10
134	2.6E+01	3.3E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11	4.5E+00	8.5E-05	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.9E-10
135	2.3E+01	3.3E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11	2.3E+00	8.5E-05	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
136	8.2E+00	3.3E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	1.4E+00	8.5E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
137	4.8E+00	3.3E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11	9.4E-01	8.5E-05	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.8E-10
138	3.2E+00	3.3E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	7.1E-01	8.5E-05	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10
139	2.2E+00	3.3E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.2E-11	5.6E-01	8.5E-05	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
140	1.6E+00	3.3E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	4.4E-01	8.5E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11
141	1.2E+00	3.3E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11	3.6E-01	8.5E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11
142	8.7E-01	3.3E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.3E-11	3.0E-01	8.5E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
143	6.6E-01	3.3E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.5E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
144	4.6E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
145	3.6E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.6E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
146	2.8E-01	3.3E-05	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.2E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
147	2.3E-01	3.3E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	1.2E-01	8.5E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
148	6.8E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	6.9E-01	8.5E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10
149	8.7E-01	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	8.2E-01	8.5E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
150	1.5E+01	3.3E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11	3.3E+00	8.5E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.4E-10
151	1.1E+01	3.3E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	2.1E+00	8.5E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
152	6.3E+00	3.3E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	1.3E+00	8.5E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10
153	4.0E+00	3.3E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	9.1E-01	8.5E-05	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.8E-10
154	2.8E+00	3.3E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	7.0E-01	8.5E-05	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10
155	2.1E+00	3.3E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	5.5E-01	8.5E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	1.6E+00	3.3E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11	4.5E-01	8.5E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.9E-11
157	1.2E+00	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	3.7E-01	8.5E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11
158	8.8E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	3.0E-01	8.5E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11
159	6.9E-01	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	2.6E-01	8.5E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
160	4.9E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
161	3.6E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11
162	3.0E-01	3.3E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
163	2.4E-01	3.3E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.2E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
164	6.1E-01	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	5.9E-01	8.5E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.2E-10
165	7.8E-01	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	6.9E-01	8.5E-05	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10
166	9.9E-01	3.3E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.3E-11	8.2E-01	8.5E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
167	5.4E+00	3.3E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	1.4E+00	8.5E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
168	4.4E+00	3.3E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	1.1E+00	8.5E-05	1.0E-03	9.9E-08	1.6E-01	1.4E-02	2.2E-10
169	3.2E+00	3.3E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	8.4E-01	8.5E-05	1.0E-03	7.5E-08	1.6E-01	1.4E-02	1.7E-10
170	2.4E+00	3.3E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	6.6E-01	8.5E-05	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10
171	1.9E+00	3.3E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	5.4E-01	8.5E-05	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10
172	1.4E+00	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	4.5E-01	8.5E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.7E-11
173	1.1E+00	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	3.6E-01	8.5E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11
174	8.1E-01	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	2.9E-01	8.5E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11
175	6.1E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	2.3E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
176	5.0E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
177	4.1E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
178	3.6E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
179	2.6E-01	3.3E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.3E-01	8.5E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
180	4.0E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	4.1E-01	8.5E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.1E-11
181	5.5E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	5.1E-01	8.5E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10
182	6.7E-01	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11	5.8E-01	8.5E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
183	8.7E-01	3.3E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	6.8E-01	8.5E-05	1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10
184	2.5E+00	3.3E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	7.4E-01	8.5E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
185	2.0E+00	3.3E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	6.1E-01	8.5E-05	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10
186	1.6E+00	3.3E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	5.1E-01	8.5E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.9E-11

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	1.3E+00	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	4.3E-01	8.5E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.4E-11
188	1.0E+00	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11	3.5E-01	8.5E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
189	8.5E-01	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	3.1E-01	8.5E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.1E-11
190	6.0E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
191	5.1E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	2.1E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
192	4.1E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
193	3.5E-01	3.3E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
194	2.9E-01	3.3E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	1.4E-01	8.5E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
195	4.0E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	3.9E-01	8.5E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11
196	4.9E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	4.4E-01	8.5E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.7E-11
197	6.0E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	4.9E-01	8.5E-05	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.7E-11
198	1.6E+00	3.3E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11	5.3E-01	8.5E-05	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10
199	1.4E+00	3.3E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	4.7E-01	8.5E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11
200	1.2E+00	3.3E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	4.0E-01	8.5E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.9E-11
201	9.4E-01	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	3.4E-01	8.5E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11
202	8.0E-01	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	3.0E-01	8.5E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
203	6.8E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	2.7E-01	8.5E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11
204	5.1E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	2.1E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
205	4.5E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
206	3.4E-01	3.3E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
207	3.0E-01	3.3E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	1.4E-01	8.5E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
208	3.6E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	3.4E-01	8.5E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11
209	4.3E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	3.8E-01	8.5E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11
210	5.2E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	4.2E-01	8.5E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.3E-11
211	1.1E+00	3.3E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	4.1E-01	8.5E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11
212	1.0E+00	3.3E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	3.7E-01	8.5E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11
213	8.7E-01	3.3E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	3.3E-01	8.5E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.5E-11
214	7.3E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.9E-01	8.5E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11
215	6.4E-01	3.3E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.5E-11	2.6E-01	8.5E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
216	5.5E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	2.3E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11
217	4.7E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	3.8E-01	3.3E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	2.0E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
219	3.0E-01	3.3E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.4E-01	8.5E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
220	3.3E-01	3.3E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	3.1E-01	8.5E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11
221	3.9E-01	3.3E-05	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.2E-11	3.4E-01	8.5E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.6E-11
222	5.8E-01	3.3E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.5E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
223	5.1E-01	3.3E-05	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.2E-11	2.2E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
224	4.6E-01	3.3E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
225	4.0E-01	3.3E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
226	3.5E-01	3.3E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.6E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
227	3.0E-01	3.3E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	2.8E-01	8.5E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
228	3.4E-01	3.3E-05	1.0E-03	7.4E-09	1.6E-01	1.4E-02	1.6E-11	2.6E-01	8.5E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
229	3.9E-01	3.3E-05	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	2.8E-01	8.5E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
230	6.1E-01	3.3E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	2.6E-01	8.5E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
231	5.5E-01	3.3E-05	1.0E-03	9.9E-09	1.6E-01	1.4E-02	2.2E-11	2.4E-01	8.5E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
232	4.3E-01	3.3E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
233	3.8E-01	3.3E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
234	3.3E-01	3.3E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11
235	2.6E-01	3.3E-05	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11	2.2E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
236	3.0E-01	3.3E-05	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.5E-11	2.3E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
237	3.4E-01	3.3E-05	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.6E-11	2.4E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
238	5.5E-01	3.3E-05	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11	2.4E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
239	4.9E-01	3.3E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	2.2E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
240	4.5E-01	3.3E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
241	4.1E-01	3.3E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
242	3.2E-01	3.3E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
243	2.1E-01	3.3E-05	1.0E-03	5.4E-09	1.6E-01	1.4E-02	1.2E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
244	2.4E-01	3.3E-05	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	2.0E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
245	2.7E-01	3.3E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	2.1E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
246	5.3E-01	3.3E-05	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	2.4E-01	8.5E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
247	4.9E-01	3.3E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11	2.3E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
248	4.5E-01	3.3E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	2.1E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	4.1E-01	3.3E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	2.0E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.9E-11
250	3.8E-01	3.3E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
251	3.4E-01	3.3E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
252	3.1E-01	3.3E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	1.5E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
253	1.7E-01	3.3E-05	1.0E-03	4.7E-09	1.6E-01	1.4E-02	1.0E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
254	1.9E-01	3.3E-05	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11
255	2.2E-01	3.3E-05	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.2E-11	1.8E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
256	2.4E-01	3.3E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	1.9E-01	8.5E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
257	4.7E-01	3.3E-05	1.0E-03	8.5E-09	1.6E-01	1.4E-02	1.9E-11	2.2E-01	8.5E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
258	4.4E-01	3.3E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11	2.1E-01	8.5E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
259	4.1E-01	3.3E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	2.0E-01	8.5E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
260	3.8E-01	3.3E-05	1.0E-03	7.5E-09	1.6E-01	1.4E-02	1.6E-11	1.9E-01	8.5E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
261	3.5E-01	3.3E-05	1.0E-03	7.1E-09	1.6E-01	1.4E-02	1.6E-11	1.7E-01	8.5E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
262	3.2E-01	3.3E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	1.6E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11
263	3.0E-01	3.3E-05	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11	1.5E-01	8.5E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
0	0.0E+00	3.3E-05	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	8.5E-05	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	2.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.7E-01	8.0E-06	1.6E-10	2.3E-16	9.3E+00	8.5E-05	1.8E-19
2	2.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E-01	8.0E-06	1.6E-10	2.4E-16	9.3E+00	8.5E-05	1.9E-19
3	2.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.4E-16	9.3E+00	8.5E-05	1.9E-19
4	3.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.0E-01	8.0E-06	1.6E-10	2.6E-16	9.3E+00	8.5E-05	2.0E-19
5	3.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E-01	8.0E-06	1.6E-10	2.7E-16	9.3E+00	8.5E-05	2.1E-19
6	3.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E-01	8.0E-06	1.6E-10	2.8E-16	9.3E+00	8.5E-05	2.2E-19
7	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.0E-01	8.0E-06	1.6E-10	1.3E-16	9.3E+00	8.5E-05	1.1E-19
8	1.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.2E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.5E-20
9	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.6E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.9E-20
10	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.8E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.1E-20
11	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.3E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.5E-20
12	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.4E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.6E-20
13	9.8E-02	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.9E-02	8.0E-06	1.6E-10	1.0E-16	9.3E+00	8.5E-05	8.1E-20
14	7.7E-02	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.4E-02	8.0E-06	1.6E-10	8.3E-17	9.3E+00	8.5E-05	6.6E-20
15	7.2E-02	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.1E-02	8.0E-06	1.6E-10	7.9E-17	9.3E+00	8.5E-05	6.2E-20
16	3.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.0E-16	9.3E+00	8.5E-05	2.3E-19
17	3.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.4E-01	8.0E-06	1.6E-10	3.1E-16	9.3E+00	8.5E-05	2.4E-19
18	4.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.5E-01	8.0E-06	1.6E-10	3.2E-16	9.3E+00	8.5E-05	2.5E-19
19	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.6E-16	9.3E+00	8.5E-05	1.2E-19
20	1.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E-01	8.0E-06	1.6E-10	1.4E-16	9.3E+00	8.5E-05	1.1E-19
21	1.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.0E-01	8.0E-06	1.6E-10	1.4E-16	9.3E+00	8.5E-05	1.1E-19
22	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.9E-02	8.0E-06	1.6E-10	1.3E-16	9.3E+00	8.5E-05	1.0E-19
23	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.0E-01	8.0E-06	1.6E-10	1.3E-16	9.3E+00	8.5E-05	1.0E-19
24	1.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.9E-02	8.0E-06	1.6E-10	1.3E-16	9.3E+00	8.5E-05	1.0E-19
25	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.4E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.7E-20
26	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.8E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	9.1E-20
27	1.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.2E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.5E-20
28	7.8E-02	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.6E-02	8.0E-06	1.6E-10	8.6E-17	9.3E+00	8.5E-05	6.8E-20
29	4.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.6E-01	8.0E-06	1.6E-10	3.4E-16	9.3E+00	8.5E-05	2.7E-19
30	4.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E-01	8.0E-06	1.6E-10	3.6E-16	9.3E+00	8.5E-05	2.8E-19
31	5.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.0E-01	8.0E-06	1.6E-10	3.9E-16	9.3E+00	8.5E-05	3.1E-19

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	5.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.1E-01	8.0E-06	1.6E-10	4.0E-16	9.3E+00	8.5E-05	3.2E-19
33	1.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E-01	8.0E-06	1.6E-10	1.7E-16	9.3E+00	8.5E-05	1.3E-19
34	1.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E-01	8.0E-06	1.6E-10	1.7E-16	9.3E+00	8.5E-05	1.3E-19
35	1.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E-01	8.0E-06	1.6E-10	1.7E-16	9.3E+00	8.5E-05	1.3E-19
36	1.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.6E-16	9.3E+00	8.5E-05	1.3E-19
37	1.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E-01	8.0E-06	1.6E-10	1.5E-16	9.3E+00	8.5E-05	1.2E-19
38	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.0E-01	8.0E-06	1.6E-10	1.4E-16	9.3E+00	8.5E-05	1.1E-19
39	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.6E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.8E-20
40	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.0E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.3E-20
41	1.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.4E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.6E-20
42	9.0E-02	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.7E-02	8.0E-06	1.6E-10	1.0E-16	9.3E+00	8.5E-05	7.9E-20
43	5.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.1E-01	8.0E-06	1.6E-10	4.0E-16	9.3E+00	8.5E-05	3.2E-19
44	6.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.2E-01	8.0E-06	1.6E-10	4.2E-16	9.3E+00	8.5E-05	3.3E-19
45	6.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.4E-01	8.0E-06	1.6E-10	4.4E-16	9.3E+00	8.5E-05	3.5E-19
46	6.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.6E-16	9.3E+00	8.5E-05	3.6E-19
47	2.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.5E-01	8.0E-06	1.6E-10	2.0E-16	9.3E+00	8.5E-05	1.6E-19
48	2.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.5E-01	8.0E-06	1.6E-10	2.0E-16	9.3E+00	8.5E-05	1.6E-19
49	2.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E-01	8.0E-06	1.6E-10	1.9E-16	9.3E+00	8.5E-05	1.5E-19
50	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.6E-16	9.3E+00	8.5E-05	1.2E-19
51	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.6E-16	9.3E+00	8.5E-05	1.2E-19
52	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E-01	8.0E-06	1.6E-10	1.5E-16	9.3E+00	8.5E-05	1.2E-19
53	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.8E-02	8.0E-06	1.6E-10	1.3E-16	9.3E+00	8.5E-05	1.0E-19
54	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.2E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.4E-20
55	1.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.6E-02	8.0E-06	1.6E-10	1.1E-16	9.3E+00	8.5E-05	8.8E-20
56	6.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.5E-16	9.3E+00	8.5E-05	3.6E-19
57	7.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.7E-01	8.0E-06	1.6E-10	4.8E-16	9.3E+00	8.5E-05	3.8E-19
58	7.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.8E-01	8.0E-06	1.6E-10	5.0E-16	9.3E+00	8.5E-05	3.9E-19
59	8.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.0E-01	8.0E-06	1.6E-10	5.3E-16	9.3E+00	8.5E-05	4.2E-19
60	8.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E-01	8.0E-06	1.6E-10	5.4E-16	9.3E+00	8.5E-05	4.3E-19
61	7.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.3E-01	8.0E-06	1.6E-10	5.6E-16	9.3E+00	8.5E-05	4.4E-19
62	3.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.2E-01	8.0E-06	1.6E-10	2.8E-16	9.3E+00	8.5E-05	2.2E-19

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	2.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.5E-16	9.3E+00	8.5E-05	1.9E-19
64	2.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.5E-16	9.3E+00	8.5E-05	1.9E-19
65	2.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E-01	8.0E-06	1.6E-10	2.1E-16	9.3E+00	8.5E-05	1.7E-19
66	1.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E-01	8.0E-06	1.6E-10	1.8E-16	9.3E+00	8.5E-05	1.4E-19
67	1.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E-01	8.0E-06	1.6E-10	1.8E-16	9.3E+00	8.5E-05	1.4E-19
68	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.6E-16	9.3E+00	8.5E-05	1.2E-19
69	1.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E-01	8.0E-06	1.6E-10	1.4E-16	9.3E+00	8.5E-05	1.1E-19
70	1.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.5E-02	8.0E-06	1.6E-10	1.2E-16	9.3E+00	8.5E-05	9.8E-20
71	9.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E-01	8.0E-06	1.6E-10	5.5E-16	9.3E+00	8.5E-05	4.3E-19
72	1.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.4E-01	8.0E-06	1.6E-10	5.8E-16	9.3E+00	8.5E-05	4.6E-19
73	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.7E-01	8.0E-06	1.6E-10	6.1E-16	9.3E+00	8.5E-05	4.8E-19
74	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.9E-01	8.0E-06	1.6E-10	6.4E-16	9.3E+00	8.5E-05	5.0E-19
75	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.0E-01	8.0E-06	1.6E-10	6.6E-16	9.3E+00	8.5E-05	5.2E-19
76	9.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.1E-01	8.0E-06	1.6E-10	6.7E-16	9.3E+00	8.5E-05	5.3E-19
77	7.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.0E-01	8.0E-06	1.6E-10	6.6E-16	9.3E+00	8.5E-05	5.2E-19
78	5.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.4E-01	8.0E-06	1.6E-10	4.4E-16	9.3E+00	8.5E-05	3.5E-19
79	3.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.4E-01	8.0E-06	1.6E-10	3.1E-16	9.3E+00	8.5E-05	2.5E-19
80	3.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.0E-16	9.3E+00	8.5E-05	2.3E-19
81	2.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.0E-01	8.0E-06	1.6E-10	2.7E-16	9.3E+00	8.5E-05	2.1E-19
82	2.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.7E-01	8.0E-06	1.6E-10	2.3E-16	9.3E+00	8.5E-05	1.8E-19
83	1.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E-01	8.0E-06	1.6E-10	2.1E-16	9.3E+00	8.5E-05	1.6E-19
84	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E-01	8.0E-06	1.6E-10	1.8E-16	9.3E+00	8.5E-05	1.4E-19
85	1.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E-01	8.0E-06	1.6E-10	1.7E-16	9.3E+00	8.5E-05	1.3E-19
86	1.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E-01	8.0E-06	1.6E-10	1.5E-16	9.3E+00	8.5E-05	1.2E-19
87	1.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.8E-01	8.0E-06	1.6E-10	6.3E-16	9.3E+00	8.5E-05	5.0E-19
88	1.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.2E-01	8.0E-06	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19
89	1.5E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.5E-01	8.0E-06	1.6E-10	7.2E-16	9.3E+00	8.5E-05	5.6E-19
90	1.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.4E-01	8.0E-06	1.6E-10	7.0E-16	9.3E+00	8.5E-05	5.6E-19
91	1.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.0E-01	8.0E-06	1.6E-10	7.9E-16	9.3E+00	8.5E-05	6.2E-19
92	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.1E-01	8.0E-06	1.6E-10	8.0E-16	9.3E+00	8.5E-05	6.3E-19
93	8.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.4E-01	8.0E-06	1.6E-10	7.1E-16	9.3E+00	8.5E-05	5.6E-19

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	6.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.3E-01	8.0E-06	1.6E-10	5.6E-16	9.3E+00	8.5E-05	4.5E-19
95	4.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.3E-01	8.0E-06	1.6E-10	4.3E-16	9.3E+00	8.5E-05	3.4E-19
96	3.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.8E-01	8.0E-06	1.6E-10	3.6E-16	9.3E+00	8.5E-05	2.9E-19
97	3.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.1E-16	9.3E+00	8.5E-05	2.4E-19
98	2.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E-01	8.0E-06	1.6E-10	2.7E-16	9.3E+00	8.5E-05	2.1E-19
99	2.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E-01	8.0E-06	1.6E-10	2.3E-16	9.3E+00	8.5E-05	1.8E-19
100	1.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E-01	8.0E-06	1.6E-10	2.1E-16	9.3E+00	8.5E-05	1.6E-19
101	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E-01	8.0E-06	1.6E-10	1.9E-16	9.3E+00	8.5E-05	1.5E-19
102	1.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E-01	8.0E-06	1.6E-10	1.7E-16	9.3E+00	8.5E-05	1.3E-19
103	2.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.1E-01	8.0E-06	1.6E-10	8.0E-16	9.3E+00	8.5E-05	6.3E-19
104	2.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.6E-01	8.0E-06	1.6E-10	8.6E-16	9.3E+00	8.5E-05	6.8E-19
105	2.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.1E-01	8.0E-06	1.6E-10	9.2E-16	9.3E+00	8.5E-05	7.3E-19
106	2.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.4E-01	8.0E-06	1.6E-10	9.7E-16	9.3E+00	8.5E-05	7.6E-19
107	1.8E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.7E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	7.9E-19
108	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.8E-01	8.0E-06	1.6E-10	8.9E-16	9.3E+00	8.5E-05	7.0E-19
109	8.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.1E-01	8.0E-06	1.6E-10	6.7E-16	9.3E+00	8.5E-05	5.3E-19
110	7.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.0E-01	8.0E-06	1.6E-10	6.5E-16	9.3E+00	8.5E-05	5.2E-19
111	7.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.4E-01	8.0E-06	1.6E-10	7.1E-16	9.3E+00	8.5E-05	5.6E-19
112	4.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.7E-01	8.0E-06	1.6E-10	4.8E-16	9.3E+00	8.5E-05	3.8E-19
113	4.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.5E-16	9.3E+00	8.5E-05	3.6E-19
114	3.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.9E-01	8.0E-06	1.6E-10	3.8E-16	9.3E+00	8.5E-05	3.0E-19
115	2.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.0E-16	9.3E+00	8.5E-05	2.3E-19
116	2.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.5E-16	9.3E+00	8.5E-05	1.9E-19
117	1.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.5E-01	8.0E-06	1.6E-10	2.0E-16	9.3E+00	8.5E-05	1.6E-19
118	3.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.3E-01	8.0E-06	1.6E-10	9.5E-16	9.3E+00	8.5E-05	7.5E-19
119	4.7E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.9E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	8.2E-19
120	3.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.7E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	9.0E-19
121	3.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.4E-01	8.0E-06	1.6E-10	1.2E-15	9.3E+00	8.5E-05	9.6E-19
122	2.5E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.7E-01	8.0E-06	1.6E-10	1.3E-15	9.3E+00	8.5E-05	1.0E-18
123	2.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.8E-01	8.0E-06	1.6E-10	1.3E-15	9.3E+00	8.5E-05	1.0E-18
124	1.6E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.5E-01	8.0E-06	1.6E-10	1.2E-15	9.3E+00	8.5E-05	9.8E-19

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.4E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	8.6E-19
126	9.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.3E-01	8.0E-06	1.6E-10	9.6E-16	9.3E+00	8.5E-05	7.5E-19
127	7.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.7E-01	8.0E-06	1.6E-10	7.5E-16	9.3E+00	8.5E-05	5.9E-19
128	5.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.9E-01	8.0E-06	1.6E-10	6.3E-16	9.3E+00	8.5E-05	5.0E-19
129	4.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.8E-01	8.0E-06	1.6E-10	5.0E-16	9.3E+00	8.5E-05	3.9E-19
130	3.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.9E-01	8.0E-06	1.6E-10	3.9E-16	9.3E+00	8.5E-05	3.0E-19
131	2.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.2E-01	8.0E-06	1.6E-10	2.8E-16	9.3E+00	8.5E-05	2.2E-19
132	1.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.5E-16	9.3E+00	8.5E-05	2.0E-19
133	9.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.5E-01	8.0E-06	1.6E-10	8.6E-16	9.3E+00	8.5E-05	6.7E-19
134	1.5E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E+00	8.0E-06	1.6E-10	1.5E-15	9.3E+00	8.5E-05	1.2E-18
135	8.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E+00	8.0E-06	1.6E-10	1.4E-15	9.3E+00	8.5E-05	1.1E-18
136	5.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E+00	8.0E-06	1.6E-10	1.6E-15	9.3E+00	8.5E-05	1.2E-18
137	3.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.3E-18
138	3.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.3E-18
139	2.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.3E-18
140	1.6E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E+00	8.0E-06	1.6E-10	1.5E-15	9.3E+00	8.5E-05	1.2E-18
141	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.3E-01	8.0E-06	1.6E-10	1.2E-15	9.3E+00	8.5E-05	9.6E-19
142	8.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.6E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	7.9E-19
143	6.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.1E-01	8.0E-06	1.6E-10	8.0E-16	9.3E+00	8.5E-05	6.3E-19
144	4.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.1E-01	8.0E-06	1.6E-10	5.3E-16	9.3E+00	8.5E-05	4.2E-19
145	3.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.3E-01	8.0E-06	1.6E-10	4.3E-16	9.3E+00	8.5E-05	3.4E-19
146	2.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.6E-01	8.0E-06	1.6E-10	3.4E-16	9.3E+00	8.5E-05	2.7E-19
147	2.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E-01	8.0E-06	1.6E-10	2.7E-16	9.3E+00	8.5E-05	2.2E-19
148	6.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.3E-01	8.0E-06	1.6E-10	6.9E-16	9.3E+00	8.5E-05	5.4E-19
149	8.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.4E-01	8.0E-06	1.6E-10	8.4E-16	9.3E+00	8.5E-05	6.6E-19
150	1.3E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.3E-18
151	1.9E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E+00	8.0E-06	1.6E-10	1.9E-15	9.3E+00	8.5E-05	1.5E-18
152	9.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E+00	8.0E-06	1.6E-10	2.1E-15	9.3E+00	8.5E-05	1.7E-18
153	6.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.7E+00	8.0E-06	1.6E-10	2.3E-15	9.3E+00	8.5E-05	1.8E-18
154	4.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E+00	8.0E-06	1.6E-10	2.4E-15	9.3E+00	8.5E-05	1.9E-18
155	3.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E+00	8.0E-06	1.6E-10	2.3E-15	9.3E+00	8.5E-05	1.8E-18

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	2.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E+00	8.0E-06	1.6E-10	2.1E-15	9.3E+00	8.5E-05	1.7E-18
157	1.6E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.3E-18
158	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.5E-01	8.0E-06	1.6E-10	1.2E-15	9.3E+00	8.5E-05	9.8E-19
159	8.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.7E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	7.9E-19
160	4.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.9E-01	8.0E-06	1.6E-10	6.4E-16	9.3E+00	8.5E-05	5.0E-19
161	3.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.5E-16	9.3E+00	8.5E-05	3.6E-19
162	2.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.8E-01	8.0E-06	1.6E-10	3.7E-16	9.3E+00	8.5E-05	2.9E-19
163	2.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.0E-16	9.3E+00	8.5E-05	2.3E-19
164	6.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.1E-01	8.0E-06	1.6E-10	6.6E-16	9.3E+00	8.5E-05	5.2E-19
165	8.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.2E-01	8.0E-06	1.6E-10	8.1E-16	9.3E+00	8.5E-05	6.4E-19
166	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.8E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	8.0E-19
167	1.6E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.0E+00	8.0E-06	1.6E-10	2.6E-15	9.3E+00	8.5E-05	2.0E-18
168	2.5E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E+00	8.0E-06	1.6E-10	3.0E-15	9.3E+00	8.5E-05	2.4E-18
169	1.3E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.6E+00	8.0E-06	1.6E-10	3.4E-15	9.3E+00	8.5E-05	2.7E-18
170	7.8E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E+00	8.0E-06	1.6E-10	3.6E-15	9.3E+00	8.5E-05	2.8E-18
171	4.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E+00	8.0E-06	1.6E-10	3.5E-15	9.3E+00	8.5E-05	2.7E-18
172	3.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E+00	8.0E-06	1.6E-10	3.0E-15	9.3E+00	8.5E-05	2.4E-18
173	1.8E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E+00	8.0E-06	1.6E-10	2.0E-15	9.3E+00	8.5E-05	1.6E-18
174	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E+00	8.0E-06	1.6E-10	1.4E-15	9.3E+00	8.5E-05	1.1E-18
175	7.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.0E-01	8.0E-06	1.6E-10	9.2E-16	9.3E+00	8.5E-05	7.2E-19
176	5.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.8E-01	8.0E-06	1.6E-10	7.5E-16	9.3E+00	8.5E-05	5.9E-19
177	4.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.6E-01	8.0E-06	1.6E-10	6.0E-16	9.3E+00	8.5E-05	4.8E-19
178	3.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.1E-01	8.0E-06	1.6E-10	5.4E-16	9.3E+00	8.5E-05	4.3E-19
179	2.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.6E-01	8.0E-06	1.6E-10	3.4E-16	9.3E+00	8.5E-05	2.7E-19
180	4.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.8E-01	8.0E-06	1.6E-10	4.9E-16	9.3E+00	8.5E-05	3.9E-19
181	6.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.9E-01	8.0E-06	1.6E-10	6.3E-16	9.3E+00	8.5E-05	5.0E-19
182	7.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.9E-01	8.0E-06	1.6E-10	7.8E-16	9.3E+00	8.5E-05	6.1E-19
183	1.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.5E-01	8.0E-06	1.6E-10	9.9E-16	9.3E+00	8.5E-05	7.8E-19
184	2.4E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E+00	8.0E-06	1.6E-10	5.4E-15	9.3E+00	8.5E-05	4.3E-18
185	1.7E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.6E+00	8.0E-06	1.6E-10	6.0E-15	9.3E+00	8.5E-05	4.7E-18
186	8.5E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.5E+00	8.0E-06	1.6E-10	5.8E-15	9.3E+00	8.5E-05	4.6E-18

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	4.8E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.6E+00	8.0E-06	1.6E-10	4.7E-15	9.3E+00	8.5E-05	3.7E-18
188	2.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.2E+00	8.0E-06	1.6E-10	2.9E-15	9.3E+00	8.5E-05	2.3E-18
189	1.7E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.7E+00	8.0E-06	1.6E-10	2.2E-15	9.3E+00	8.5E-05	1.7E-18
190	8.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.6E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	8.8E-19
191	6.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.9E-01	8.0E-06	1.6E-10	9.0E-16	9.3E+00	8.5E-05	7.1E-19
192	4.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.9E-01	8.0E-06	1.6E-10	6.5E-16	9.3E+00	8.5E-05	5.1E-19
193	3.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.0E-01	8.0E-06	1.6E-10	5.2E-16	9.3E+00	8.5E-05	4.1E-19
194	2.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.0E-01	8.0E-06	1.6E-10	4.0E-16	9.3E+00	8.5E-05	3.1E-19
195	4.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.8E-01	8.0E-06	1.6E-10	5.0E-16	9.3E+00	8.5E-05	3.9E-19
196	5.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.6E-01	8.0E-06	1.6E-10	6.0E-16	9.3E+00	8.5E-05	4.8E-19
197	7.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.7E-01	8.0E-06	1.6E-10	7.4E-16	9.3E+00	8.5E-05	5.9E-19
198	1.5E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.1E+00	8.0E-06	1.6E-10	1.2E-14	9.3E+00	8.5E-05	9.4E-18
199	1.9E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.9E+00	8.0E-06	1.6E-10	1.2E-14	9.3E+00	8.5E-05	9.2E-18
200	7.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.6E+00	8.0E-06	1.6E-10	8.7E-15	9.3E+00	8.5E-05	6.8E-18
201	3.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.3E+00	8.0E-06	1.6E-10	4.4E-15	9.3E+00	8.5E-05	3.4E-18
202	2.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.2E+00	8.0E-06	1.6E-10	2.9E-15	9.3E+00	8.5E-05	2.3E-18
203	1.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.6E+00	8.0E-06	1.6E-10	2.0E-15	9.3E+00	8.5E-05	1.6E-18
204	7.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.1E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	8.3E-19
205	6.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.6E-01	8.0E-06	1.6E-10	8.6E-16	9.3E+00	8.5E-05	6.8E-19
206	4.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E-01	8.0E-06	1.6E-10	5.5E-16	9.3E+00	8.5E-05	4.3E-19
207	3.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.4E-01	8.0E-06	1.6E-10	4.4E-16	9.3E+00	8.5E-05	3.5E-19
208	4.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.6E-01	8.0E-06	1.6E-10	4.7E-16	9.3E+00	8.5E-05	3.7E-19
209	5.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.4E-01	8.0E-06	1.6E-10	5.7E-16	9.3E+00	8.5E-05	4.5E-19
210	6.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.4E-01	8.0E-06	1.6E-10	7.0E-16	9.3E+00	8.5E-05	5.5E-19
211	1.8E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.1E+00	8.0E-06	1.6E-10	9.2E-15	9.3E+00	8.5E-05	7.3E-18
212	1.4E+01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.5E+01	8.0E-06	1.6E-10	2.0E-14	9.3E+00	8.5E-05	1.6E-17
213	5.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.0E+00	8.0E-06	1.6E-10	7.9E-15	9.3E+00	8.5E-05	6.2E-18
214	2.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.8E+00	8.0E-06	1.6E-10	3.7E-15	9.3E+00	8.5E-05	2.9E-18
215	1.6E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E+00	8.0E-06	1.6E-10	2.4E-15	9.3E+00	8.5E-05	1.9E-18
216	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.6E-15	9.3E+00	8.5E-05	1.3E-18
217	8.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.2E-01	8.0E-06	1.6E-10	1.2E-15	9.3E+00	8.5E-05	9.5E-19

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	5.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.6E-01	8.0E-06	1.6E-10	7.3E-16	9.3E+00	8.5E-05	5.8E-19
219	3.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.6E-01	8.0E-06	1.6E-10	4.8E-16	9.3E+00	8.5E-05	3.8E-19
220	3.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.5E-16	9.3E+00	8.5E-05	3.6E-19
221	4.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E-01	8.0E-06	1.6E-10	5.5E-16	9.3E+00	8.5E-05	4.3E-19
222	1.7E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E+00	8.0E-06	1.6E-10	2.8E-15	9.3E+00	8.5E-05	2.2E-18
223	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E+00	8.0E-06	1.6E-10	1.9E-15	9.3E+00	8.5E-05	1.5E-18
224	9.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.1E+00	8.0E-06	1.6E-10	1.4E-15	9.3E+00	8.5E-05	1.1E-18
225	7.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.9E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	8.1E-19
226	5.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.8E-01	8.0E-06	1.6E-10	7.6E-16	9.3E+00	8.5E-05	6.0E-19
227	3.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.4E-01	8.0E-06	1.6E-10	4.4E-16	9.3E+00	8.5E-05	3.5E-19
228	4.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.6E-01	8.0E-06	1.6E-10	4.7E-16	9.3E+00	8.5E-05	3.7E-19
229	5.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.6E-01	8.0E-06	1.6E-10	6.0E-16	9.3E+00	8.5E-05	4.7E-19
230	2.8E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.4E+00	8.0E-06	1.6E-10	5.8E-15	9.3E+00	8.5E-05	4.6E-18
231	1.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E+00	8.0E-06	1.6E-10	3.5E-15	9.3E+00	8.5E-05	2.8E-18
232	9.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.2E+00	8.0E-06	1.6E-10	1.5E-15	9.3E+00	8.5E-05	1.2E-18
233	7.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.4E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	8.6E-19
234	5.5E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	6.2E-01	8.0E-06	1.6E-10	8.1E-16	9.3E+00	8.5E-05	6.4E-19
235	3.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.8E-01	8.0E-06	1.6E-10	3.7E-16	9.3E+00	8.5E-05	2.9E-19
236	3.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.5E-01	8.0E-06	1.6E-10	4.5E-16	9.3E+00	8.5E-05	3.6E-19
237	4.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.3E-01	8.0E-06	1.6E-10	5.7E-16	9.3E+00	8.5E-05	4.5E-19
238	2.4E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	4.2E+00	8.0E-06	1.6E-10	5.5E-15	9.3E+00	8.5E-05	4.3E-18
239	1.7E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E+00	8.0E-06	1.6E-10	3.5E-15	9.3E+00	8.5E-05	2.7E-18
240	1.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E+00	8.0E-06	1.6E-10	2.4E-15	9.3E+00	8.5E-05	1.9E-18
241	1.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.4E-18
242	6.0E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.1E-01	8.0E-06	1.6E-10	9.2E-16	9.3E+00	8.5E-05	7.3E-19
243	2.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.3E-01	8.0E-06	1.6E-10	3.0E-16	9.3E+00	8.5E-05	2.3E-19
244	2.8E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.7E-01	8.0E-06	1.6E-10	3.6E-16	9.3E+00	8.5E-05	2.8E-19
245	3.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.3E-01	8.0E-06	1.6E-10	4.3E-16	9.3E+00	8.5E-05	3.4E-19
246	2.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	5.0E+00	8.0E-06	1.6E-10	6.6E-15	9.3E+00	8.5E-05	5.2E-18
247	1.9E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.6E+00	8.0E-06	1.6E-10	4.6E-15	9.3E+00	8.5E-05	3.7E-18
248	1.5E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.5E+00	8.0E-06	1.6E-10	3.3E-15	9.3E+00	8.5E-05	2.6E-18

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	1.2E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.8E+00	8.0E-06	1.6E-10	2.4E-15	9.3E+00	8.5E-05	1.9E-18
250	9.7E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.4E+00	8.0E-06	1.6E-10	1.8E-15	9.3E+00	8.5E-05	1.4E-18
251	7.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	9.9E-01	8.0E-06	1.6E-10	1.3E-15	9.3E+00	8.5E-05	1.0E-18
252	6.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	7.6E-01	8.0E-06	1.6E-10	1.0E-15	9.3E+00	8.5E-05	7.9E-19
253	1.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.9E-01	8.0E-06	1.6E-10	2.4E-16	9.3E+00	8.5E-05	1.9E-19
254	2.2E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.1E-01	8.0E-06	1.6E-10	2.8E-16	9.3E+00	8.5E-05	2.2E-19
255	2.6E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.6E-01	8.0E-06	1.6E-10	3.3E-16	9.3E+00	8.5E-05	2.6E-19
256	3.1E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.1E-01	8.0E-06	1.6E-10	4.1E-16	9.3E+00	8.5E-05	3.2E-19
257	1.7E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	3.7E+00	8.0E-06	1.6E-10	4.8E-15	9.3E+00	8.5E-05	3.8E-18
258	1.5E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.9E+00	8.0E-06	1.6E-10	3.8E-15	9.3E+00	8.5E-05	3.0E-18
259	1.3E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	2.2E+00	8.0E-06	1.6E-10	2.9E-15	9.3E+00	8.5E-05	2.3E-18
260	1.1E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.7E+00	8.0E-06	1.6E-10	2.2E-15	9.3E+00	8.5E-05	1.8E-18
261	8.9E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.3E+00	8.0E-06	1.6E-10	1.7E-15	9.3E+00	8.5E-05	1.4E-18
262	7.4E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	1.0E+00	8.0E-06	1.6E-10	1.4E-15	9.3E+00	8.5E-05	1.1E-18
263	6.3E-01	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	8.3E-01	8.0E-06	1.6E-10	1.1E-15	9.3E+00	8.5E-05	8.6E-19
0	0.0E+00	2.6E-05	1.6E-10	6.8E-16	9.3E+00	8.5E-05	5.3E-19	0.0E+00	8.0E-06	1.6E-10	0.0E+00	9.3E+00	8.5E-05	0.0E+00

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
1	1.7E-01	1.6E-05	9.3E+00	2.4E-14	1.0E-03	8.2E-07	2.0E-23	1.6E-02	5	2.7E-03
2	1.8E-01	1.6E-05	9.3E+00	3.9E-14	1.0E-03	8.2E-07	3.3E-23	2.6E-02	5	4.4E-03
3	1.8E-01	1.6E-05	9.3E+00	7.8E-14	1.0E-03	8.2E-07	6.7E-23	5.2E-02	5	8.7E-03
4	1.9E-01	1.6E-05	9.3E+00	3.9E-14	1.0E-03	8.2E-07	3.4E-23	2.6E-02	5	4.4E-03
5	2.0E-01	1.6E-05	9.3E+00	7.7E-14	1.0E-03	8.2E-07	6.7E-23	5.2E-02	5	8.6E-03
6	2.1E-01	1.6E-05	9.3E+00	2.2E-13	1.0E-03	8.2E-07	1.9E-22	1.4E-01	5	2.4E-02
7	8.5E-02	1.6E-05	9.3E+00	1.1E-14	1.0E-03	8.2E-07	9.1E-24	7.0E-03	5	1.2E-03
8	8.0E-02	1.6E-05	9.3E+00	7.4E-15	1.0E-03	8.2E-07	6.4E-24	4.9E-03	5	8.2E-04
9	7.8E-02	1.6E-05	9.3E+00	5.5E-15	1.0E-03	8.2E-07	4.7E-24	3.7E-03	5	6.1E-04
10	8.2E-02	1.6E-05	9.3E+00	4.5E-15	1.0E-03	8.2E-07	3.8E-24	3.0E-03	5	4.9E-04
11	7.8E-02	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24	1.9E-03	5	3.2E-04
12	7.8E-02	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.1E-24	1.6E-03	5	2.7E-04
13	7.2E-02	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24	1.3E-03	5	2.2E-04
14	5.6E-02	1.6E-05	9.3E+00	1.3E-15	1.0E-03	8.2E-07	1.2E-24	8.9E-04	5	1.5E-04
15	5.4E-02	1.6E-05	9.3E+00	1.2E-15	1.0E-03	8.2E-07	1.0E-24	7.9E-04	5	1.3E-04
16	2.2E-01	1.6E-05	9.3E+00	5.9E-14	1.0E-03	8.2E-07	5.1E-23	4.0E-02	5	6.6E-03
17	2.3E-01	1.6E-05	9.3E+00	1.1E-13	1.0E-03	8.2E-07	9.9E-23	7.6E-02	5	1.3E-02
18	2.3E-01	1.6E-05	9.3E+00	2.6E-13	1.0E-03	8.2E-07	2.2E-22	1.7E-01	5	2.9E-02
19	9.8E-02	1.6E-05	9.3E+00	1.4E-14	1.0E-03	8.2E-07	1.2E-23	9.0E-03	5	1.5E-03
20	9.3E-02	1.6E-05	9.3E+00	9.2E-15	1.0E-03	8.2E-07	7.9E-24	6.1E-03	5	1.0E-03
21	9.3E-02	1.6E-05	9.3E+00	6.8E-15	1.0E-03	8.2E-07	5.8E-24	4.5E-03	5	7.5E-04
22	9.2E-02	1.6E-05	9.3E+00	5.1E-15	1.0E-03	8.2E-07	4.4E-24	3.4E-03	5	5.7E-04
23	9.5E-02	1.6E-05	9.3E+00	4.1E-15	1.0E-03	8.2E-07	3.6E-24	2.8E-03	5	4.6E-04
24	9.2E-02	1.6E-05	9.3E+00	3.3E-15	1.0E-03	8.2E-07	2.9E-24	2.2E-03	5	3.7E-04
25	8.6E-02	1.6E-05	9.3E+00	2.7E-15	1.0E-03	8.2E-07	2.3E-24	1.8E-03	5	3.0E-04
26	7.9E-02	1.6E-05	9.3E+00	2.2E-15	1.0E-03	8.2E-07	1.9E-24	1.5E-03	5	2.4E-04
27	7.3E-02	1.6E-05	9.3E+00	1.8E-15	1.0E-03	8.2E-07	1.6E-24	1.2E-03	5	2.0E-04
28	5.8E-02	1.6E-05	9.3E+00	1.3E-15	1.0E-03	8.2E-07	1.1E-24	8.5E-04	5	1.4E-04
29	2.5E-01	1.6E-05	9.3E+00	7.4E-14	1.0E-03	8.2E-07	6.4E-23	5.0E-02	5	8.3E-03
30	2.6E-01	1.6E-05	9.3E+00	1.4E-13	1.0E-03	8.2E-07	1.2E-22	9.0E-02	5	1.5E-02
31	2.8E-01	1.6E-05	9.3E+00	3.7E-13	1.0E-03	8.2E-07	3.2E-22	2.4E-01	5	4.1E-02

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
32	2.8E-01	1.6E-05	9.3E+00	2.3E-13	1.0E-03	8.2E-07	2.0E-22	1.5E-01	5	2.5E-02
33	1.1E-01	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.0E-23	7.7E-03	5	1.3E-03
34	1.2E-01	1.6E-05	9.3E+00	8.6E-15	1.0E-03	8.2E-07	7.4E-24	5.7E-03	5	9.5E-04
35	1.2E-01	1.6E-05	9.3E+00	6.5E-15	1.0E-03	8.2E-07	5.6E-24	4.3E-03	5	7.2E-04
36	1.1E-01	1.6E-05	9.3E+00	4.9E-15	1.0E-03	8.2E-07	4.2E-24	3.3E-03	5	5.5E-04
37	1.0E-01	1.6E-05	9.3E+00	3.8E-15	1.0E-03	8.2E-07	3.2E-24	2.5E-03	5	4.2E-04
38	9.4E-02	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07	2.6E-24	2.0E-03	5	3.3E-04
39	8.4E-02	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.0E-24	1.6E-03	5	2.6E-04
40	7.9E-02	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24	1.3E-03	5	2.2E-04
41	7.3E-02	1.6E-05	9.3E+00	1.7E-15	1.0E-03	8.2E-07	1.5E-24	1.1E-03	5	1.9E-04
42	6.7E-02	1.6E-05	9.3E+00	1.4E-15	1.0E-03	8.2E-07	1.2E-24	9.6E-04	5	1.6E-04
43	2.9E-01	1.6E-05	9.3E+00	7.5E-14	1.0E-03	8.2E-07	6.5E-23	5.0E-02	5	8.4E-03
44	3.0E-01	1.6E-05	9.3E+00	1.1E-13	1.0E-03	8.2E-07	9.5E-23	7.3E-02	5	1.2E-02
45	3.1E-01	1.6E-05	9.3E+00	1.3E-13	1.0E-03	8.2E-07	1.1E-22	8.7E-02	5	1.5E-02
46	3.2E-01	1.6E-05	9.3E+00	1.1E-13	1.0E-03	8.2E-07	9.4E-23	7.3E-02	5	1.2E-02
47	1.4E-01	1.6E-05	9.3E+00	1.0E-14	1.0E-03	8.2E-07	8.7E-24	6.7E-03	5	1.1E-03
48	1.4E-01	1.6E-05	9.3E+00	7.6E-15	1.0E-03	8.2E-07	6.5E-24	5.1E-03	5	8.4E-04
49	1.3E-01	1.6E-05	9.3E+00	5.7E-15	1.0E-03	8.2E-07	4.9E-24	3.8E-03	5	6.3E-04
50	1.1E-01	1.6E-05	9.3E+00	4.1E-15	1.0E-03	8.2E-07	3.5E-24	2.7E-03	5	4.6E-04
51	1.1E-01	1.6E-05	9.3E+00	3.4E-15	1.0E-03	8.2E-07	2.9E-24	2.2E-03	5	3.7E-04
52	9.8E-02	1.6E-05	9.3E+00	2.7E-15	1.0E-03	8.2E-07	2.3E-24	1.8E-03	5	3.0E-04
53	8.5E-02	1.6E-05	9.3E+00	2.2E-15	1.0E-03	8.2E-07	1.9E-24	1.4E-03	5	2.4E-04
54	7.9E-02	1.6E-05	9.3E+00	1.8E-15	1.0E-03	8.2E-07	1.6E-24	1.2E-03	5	2.0E-04
55	7.4E-02	1.6E-05	9.3E+00	1.6E-15	1.0E-03	8.2E-07	1.3E-24	1.0E-03	5	1.7E-04
56	3.3E-01	1.6E-05	9.3E+00	4.7E-14	1.0E-03	8.2E-07	4.0E-23	3.1E-02	5	5.2E-03
57	3.5E-01	1.6E-05	9.3E+00	5.9E-14	1.0E-03	8.2E-07	5.1E-23	4.0E-02	5	6.6E-03
58	3.5E-01	1.6E-05	9.3E+00	6.4E-14	1.0E-03	8.2E-07	5.5E-23	4.3E-02	5	7.1E-03
59	3.7E-01	1.6E-05	9.3E+00	6.3E-14	1.0E-03	8.2E-07	5.5E-23	4.3E-02	5	7.1E-03
60	3.7E-01	1.6E-05	9.3E+00	5.2E-14	1.0E-03	8.2E-07	4.5E-23	3.5E-02	5	5.8E-03
61	3.8E-01	1.6E-05	9.3E+00	2.8E-14	1.0E-03	8.2E-07	2.4E-23	1.9E-02	5	3.1E-03
62	1.9E-01	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.0E-23	7.9E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
63	1.7E-01	1.6E-05	9.3E+00	8.6E-15	1.0E-03	8.2E-07	7.4E-24	5.7E-03	5	9.6E-04
64	1.7E-01	1.6E-05	9.3E+00	6.8E-15	1.0E-03	8.2E-07	5.8E-24	4.5E-03	5	7.5E-04
65	1.4E-01	1.6E-05	9.3E+00	5.0E-15	1.0E-03	8.2E-07	4.3E-24	3.3E-03	5	5.5E-04
66	1.2E-01	1.6E-05	9.3E+00	3.7E-15	1.0E-03	8.2E-07	3.2E-24	2.5E-03	5	4.2E-04
67	1.2E-01	1.6E-05	9.3E+00	3.1E-15	1.0E-03	8.2E-07	2.7E-24	2.1E-03	5	3.5E-04
68	1.0E-01	1.6E-05	9.3E+00	2.5E-15	1.0E-03	8.2E-07	2.2E-24	1.7E-03	5	2.8E-04
69	9.0E-02	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24	1.4E-03	5	2.3E-04
70	8.1E-02	1.6E-05	9.3E+00	1.7E-15	1.0E-03	8.2E-07	1.5E-24	1.1E-03	5	1.9E-04
71	4.0E-01	1.6E-05	9.3E+00	3.8E-14	1.0E-03	8.2E-07	3.2E-23	2.6E-02	5	4.3E-03
72	4.1E-01	1.6E-05	9.3E+00	4.1E-14	1.0E-03	8.2E-07	3.6E-23	2.8E-02	5	4.6E-03
73	4.3E-01	1.6E-05	9.3E+00	4.1E-14	1.0E-03	8.2E-07	3.5E-23	2.8E-02	5	4.7E-03
74	4.3E-01	1.6E-05	9.3E+00	3.6E-14	1.0E-03	8.2E-07	3.1E-23	2.5E-02	5	4.2E-03
75	4.4E-01	1.6E-05	9.3E+00	3.0E-14	1.0E-03	8.2E-07	2.6E-23	2.0E-02	5	3.4E-03
76	4.4E-01	1.6E-05	9.3E+00	2.4E-14	1.0E-03	8.2E-07	2.1E-23	1.6E-02	5	2.7E-03
77	4.3E-01	1.6E-05	9.3E+00	1.8E-14	1.0E-03	8.2E-07	1.6E-23	1.2E-02	5	2.1E-03
78	2.9E-01	1.6E-05	9.3E+00	1.3E-14	1.0E-03	8.2E-07	1.1E-23	8.8E-03	5	1.5E-03
79	2.1E-01	1.6E-05	9.3E+00	9.2E-15	1.0E-03	8.2E-07	7.9E-24	6.1E-03	5	1.0E-03
80	2.0E-01	1.6E-05	9.3E+00	7.3E-15	1.0E-03	8.2E-07	6.3E-24	4.8E-03	5	8.1E-04
81	1.8E-01	1.6E-05	9.3E+00	5.6E-15	1.0E-03	8.2E-07	4.9E-24	3.8E-03	5	6.3E-04
82	1.5E-01	1.6E-05	9.3E+00	4.3E-15	1.0E-03	8.2E-07	3.7E-24	2.9E-03	5	4.8E-04
83	1.4E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07	3.0E-24	2.3E-03	5	3.9E-04
84	1.2E-01	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24	1.9E-03	5	3.1E-04
85	1.1E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	2.0E-24	1.5E-03	5	2.6E-04
86	9.9E-02	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24	1.3E-03	5	2.2E-04
87	4.6E-01	1.6E-05	9.3E+00	2.6E-14	1.0E-03	8.2E-07	2.3E-23	1.8E-02	5	3.0E-03
88	4.8E-01	1.6E-05	9.3E+00	2.8E-14	1.0E-03	8.2E-07	2.4E-23	1.9E-02	5	3.2E-03
89	5.0E-01	1.6E-05	9.3E+00	2.8E-14	1.0E-03	8.2E-07	2.4E-23	2.0E-02	5	3.3E-03
90	4.8E-01	1.6E-05	9.3E+00	3.1E-14	1.0E-03	8.2E-07	2.6E-23	2.2E-02	5	3.6E-03
91	5.2E-01	1.6E-05	9.3E+00	2.3E-14	1.0E-03	8.2E-07	2.0E-23	1.6E-02	5	2.7E-03
92	5.2E-01	1.6E-05	9.3E+00	2.0E-14	1.0E-03	8.2E-07	1.7E-23	1.3E-02	5	2.2E-03
93	4.4E-01	1.6E-05	9.3E+00	1.6E-14	1.0E-03	8.2E-07	1.4E-23	1.1E-02	5	1.8E-03

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
94	3.6E-01	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.1E-23	8.2E-03	5	1.4E-03
95	2.8E-01	1.6E-05	9.3E+00	9.4E-15	1.0E-03	8.2E-07	8.1E-24	6.3E-03	5	1.0E-03
96	2.4E-01	1.6E-05	9.3E+00	7.4E-15	1.0E-03	8.2E-07	6.3E-24	4.9E-03	5	8.2E-04
97	2.0E-01	1.6E-05	9.3E+00	5.7E-15	1.0E-03	8.2E-07	4.9E-24	3.8E-03	5	6.4E-04
98	1.7E-01	1.6E-05	9.3E+00	4.6E-15	1.0E-03	8.2E-07	3.9E-24	3.0E-03	5	5.1E-04
99	1.5E-01	1.6E-05	9.3E+00	3.6E-15	1.0E-03	8.2E-07	3.1E-24	2.4E-03	5	4.1E-04
100	1.3E-01	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07	2.6E-24	2.0E-03	5	3.3E-04
101	1.2E-01	1.6E-05	9.3E+00	2.5E-15	1.0E-03	8.2E-07	2.1E-24	1.7E-03	5	2.8E-04
102	1.1E-01	1.6E-05	9.3E+00	2.1E-15	1.0E-03	8.2E-07	1.8E-24	1.4E-03	5	2.3E-04
103	5.8E-01	1.6E-05	9.3E+00	2.1E-14	1.0E-03	8.2E-07	1.8E-23	1.5E-02	5	2.5E-03
104	6.0E-01	1.6E-05	9.3E+00	2.1E-14	1.0E-03	8.2E-07	1.8E-23	1.6E-02	5	2.6E-03
105	6.3E-01	1.6E-05	9.3E+00	2.0E-14	1.0E-03	8.2E-07	1.7E-23	1.4E-02	5	2.4E-03
106	6.4E-01	1.6E-05	9.3E+00	1.8E-14	1.0E-03	8.2E-07	1.6E-23	1.3E-02	5	2.1E-03
107	6.4E-01	1.6E-05	9.3E+00	1.6E-14	1.0E-03	8.2E-07	1.4E-23	1.1E-02	5	1.8E-03
108	5.4E-01	1.6E-05	9.3E+00	1.3E-14	1.0E-03	8.2E-07	1.2E-23	9.1E-03	5	1.5E-03
109	4.1E-01	1.6E-05	9.3E+00	1.1E-14	1.0E-03	8.2E-07	9.4E-24	7.3E-03	5	1.2E-03
110	4.1E-01	1.6E-05	9.3E+00	9.4E-15	1.0E-03	8.2E-07	8.1E-24	6.3E-03	5	1.0E-03
111	4.4E-01	1.6E-05	9.3E+00	8.2E-15	1.0E-03	8.2E-07	7.1E-24	5.5E-03	5	9.2E-04
112	3.0E-01	1.6E-05	9.3E+00	6.4E-15	1.0E-03	8.2E-07	5.5E-24	4.3E-03	5	7.1E-04
113	2.8E-01	1.6E-05	9.3E+00	5.5E-15	1.0E-03	8.2E-07	4.7E-24	3.6E-03	5	6.1E-04
114	2.4E-01	1.6E-05	9.3E+00	4.5E-15	1.0E-03	8.2E-07	3.9E-24	3.0E-03	5	5.0E-04
115	1.9E-01	1.6E-05	9.3E+00	3.6E-15	1.0E-03	8.2E-07	3.1E-24	2.4E-03	5	4.0E-04
116	1.6E-01	1.6E-05	9.3E+00	2.9E-15	1.0E-03	8.2E-07	2.5E-24	1.9E-03	5	3.2E-04
117	1.3E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	2.0E-24	1.6E-03	5	2.6E-04
118	7.0E-01	1.6E-05	9.3E+00	1.6E-14	1.0E-03	8.2E-07	1.4E-23	1.1E-02	5	1.9E-03
119	7.4E-01	1.6E-05	9.3E+00	1.6E-14	1.0E-03	8.2E-07	1.4E-23	1.2E-02	5	2.0E-03
120	7.7E-01	1.6E-05	9.3E+00	1.6E-14	1.0E-03	8.2E-07	1.3E-23	1.1E-02	5	1.9E-03
121	7.9E-01	1.6E-05	9.3E+00	1.5E-14	1.0E-03	8.2E-07	1.3E-23	1.0E-02	5	1.7E-03
122	7.9E-01	1.6E-05	9.3E+00	1.3E-14	1.0E-03	8.2E-07	1.1E-23	9.1E-03	5	1.5E-03
123	7.8E-01	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.0E-23	8.0E-03	5	1.3E-03
124	7.4E-01	1.6E-05	9.3E+00	1.0E-14	1.0E-03	8.2E-07	8.9E-24	7.0E-03	5	1.2E-03

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Conc	g/sec	D1	Haul3b				Risk		HI	
				Dose	R1	ED					
125	6.6E-01	1.6E-05	9.3E+00	8.9E-15	1.0E-03	8.2E-07	7.7E-24		6.0E-03	5	1.0E-03
126	5.7E-01	1.6E-05	9.3E+00	7.7E-15	1.0E-03	8.2E-07	6.6E-24		5.2E-03	5	8.6E-04
127	4.5E-01	1.6E-05	9.3E+00	6.5E-15	1.0E-03	8.2E-07	5.6E-24		4.4E-03	5	7.3E-04
128	3.8E-01	1.6E-05	9.3E+00	5.6E-15	1.0E-03	8.2E-07	4.8E-24		3.7E-03	5	6.2E-04
129	3.0E-01	1.6E-05	9.3E+00	4.7E-15	1.0E-03	8.2E-07	4.0E-24		3.1E-03	5	5.2E-04
130	2.4E-01	1.6E-05	9.3E+00	3.8E-15	1.0E-03	8.2E-07	3.3E-24		2.5E-03	5	4.2E-04
131	1.8E-01	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07	2.6E-24		2.0E-03	5	3.3E-04
132	1.6E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.3E-24		1.7E-03	5	2.9E-04
133	8.0E-01	1.6E-05	9.3E+00	7.5E-15	1.0E-03	8.2E-07	6.4E-24		5.0E-03	5	8.4E-04
134	1.0E+00	1.6E-05	9.3E+00	1.1E-14	1.0E-03	8.2E-07	9.9E-24		8.9E-03	5	1.5E-03
135	9.8E-01	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.1E-23		9.2E-03	5	1.5E-03
136	1.0E+00	1.6E-05	9.3E+00	1.2E-14	1.0E-03	8.2E-07	1.0E-23		8.3E-03	5	1.4E-03
137	1.0E+00	1.6E-05	9.3E+00	1.1E-14	1.0E-03	8.2E-07	9.5E-24		7.6E-03	5	1.3E-03
138	9.9E-01	1.6E-05	9.3E+00	1.0E-14	1.0E-03	8.2E-07	8.7E-24		6.9E-03	5	1.1E-03
139	9.3E-01	1.6E-05	9.3E+00	9.0E-15	1.0E-03	8.2E-07	7.8E-24		6.1E-03	5	1.0E-03
140	8.4E-01	1.6E-05	9.3E+00	8.0E-15	1.0E-03	8.2E-07	6.9E-24		5.4E-03	5	9.0E-04
141	7.0E-01	1.6E-05	9.3E+00	7.0E-15	1.0E-03	8.2E-07	6.1E-24		4.7E-03	5	7.9E-04
142	5.7E-01	1.6E-05	9.3E+00	6.2E-15	1.0E-03	8.2E-07	5.3E-24		4.1E-03	5	6.9E-04
143	4.6E-01	1.6E-05	9.3E+00	5.4E-15	1.0E-03	8.2E-07	4.6E-24		3.6E-03	5	6.0E-04
144	3.1E-01	1.6E-05	9.3E+00	4.4E-15	1.0E-03	8.2E-07	3.7E-24		2.9E-03	5	4.8E-04
145	2.6E-01	1.6E-05	9.3E+00	3.7E-15	1.0E-03	8.2E-07	3.2E-24		2.5E-03	5	4.1E-04
146	2.1E-01	1.6E-05	9.3E+00	3.1E-15	1.0E-03	8.2E-07	2.7E-24		2.1E-03	5	3.5E-04
147	1.7E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.3E-24		1.8E-03	5	2.9E-04
148	7.1E-01	1.6E-05	9.3E+00	5.7E-15	1.0E-03	8.2E-07	4.9E-24		3.9E-03	5	6.4E-04
149	8.4E-01	1.6E-05	9.3E+00	6.5E-15	1.0E-03	8.2E-07	5.6E-24		4.4E-03	5	7.3E-04
150	1.2E+00	1.6E-05	9.3E+00	1.0E-14	1.0E-03	8.2E-07	8.8E-24		7.6E-03	5	1.3E-03
151	1.3E+00	1.6E-05	9.3E+00	1.0E-14	1.0E-03	8.2E-07	8.8E-24		7.6E-03	5	1.3E-03
152	1.3E+00	1.6E-05	9.3E+00	9.8E-15	1.0E-03	8.2E-07	8.5E-24		7.0E-03	5	1.2E-03
153	1.3E+00	1.6E-05	9.3E+00	9.3E-15	1.0E-03	8.2E-07	8.0E-24		6.5E-03	5	1.1E-03
154	1.3E+00	1.6E-05	9.3E+00	8.6E-15	1.0E-03	8.2E-07	7.4E-24		5.9E-03	5	9.9E-04
155	1.2E+00	1.6E-05	9.3E+00	7.9E-15	1.0E-03	8.2E-07	6.8E-24		5.4E-03	5	9.0E-04

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Conc	g/sec	D1	Haul3b				Risk		HI	
				Dose	R1	ED					
156	1.1E+00	1.6E-05	9.3E+00	7.1E-15	1.0E-03	8.2E-07		6.1E-24	4.8E-03	5	8.1E-04
157	9.1E-01	1.6E-05	9.3E+00	6.4E-15	1.0E-03	8.2E-07		5.5E-24	4.3E-03	5	7.2E-04
158	6.8E-01	1.6E-05	9.3E+00	5.7E-15	1.0E-03	8.2E-07		4.9E-24	3.8E-03	5	6.3E-04
159	5.5E-01	1.6E-05	9.3E+00	5.0E-15	1.0E-03	8.2E-07		4.3E-24	3.4E-03	5	5.6E-04
160	3.6E-01	1.6E-05	9.3E+00	4.2E-15	1.0E-03	8.2E-07		3.6E-24	2.8E-03	5	4.7E-04
161	2.6E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07		3.0E-24	2.3E-03	5	3.9E-04
162	2.2E-01	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07		2.6E-24	2.0E-03	5	3.3E-04
163	1.8E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07		2.2E-24	1.7E-03	5	2.9E-04
164	7.3E-01	1.6E-05	9.3E+00	5.0E-15	1.0E-03	8.2E-07		4.3E-24	3.4E-03	5	5.6E-04
165	8.8E-01	1.6E-05	9.3E+00	5.6E-15	1.0E-03	8.2E-07		4.9E-24	3.8E-03	5	6.3E-04
166	1.1E+00	1.6E-05	9.3E+00	6.2E-15	1.0E-03	8.2E-07		5.3E-24	4.2E-03	5	7.0E-04
167	1.8E+00	1.6E-05	9.3E+00	8.5E-15	1.0E-03	8.2E-07		7.4E-24	6.3E-03	5	1.0E-03
168	1.9E+00	1.6E-05	9.3E+00	8.3E-15	1.0E-03	8.2E-07		7.1E-24	6.3E-03	5	1.1E-03
169	1.9E+00	1.6E-05	9.3E+00	7.9E-15	1.0E-03	8.2E-07		6.8E-24	5.7E-03	5	9.5E-04
170	1.9E+00	1.6E-05	9.3E+00	7.4E-15	1.0E-03	8.2E-07		6.4E-24	5.2E-03	5	8.7E-04
171	1.7E+00	1.6E-05	9.3E+00	6.9E-15	1.0E-03	8.2E-07		5.9E-24	4.8E-03	5	8.0E-04
172	1.4E+00	1.6E-05	9.3E+00	6.3E-15	1.0E-03	8.2E-07		5.5E-24	4.3E-03	5	7.2E-04
173	1.0E+00	1.6E-05	9.3E+00	5.7E-15	1.0E-03	8.2E-07		4.9E-24	3.9E-03	5	6.4E-04
174	7.1E-01	1.6E-05	9.3E+00	5.0E-15	1.0E-03	8.2E-07		4.3E-24	3.4E-03	5	5.7E-04
175	4.9E-01	1.6E-05	9.3E+00	4.3E-15	1.0E-03	8.2E-07		3.7E-24	2.9E-03	5	4.9E-04
176	4.1E-01	1.6E-05	9.3E+00	3.9E-15	1.0E-03	8.2E-07		3.4E-24	2.6E-03	5	4.4E-04
177	3.4E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07		3.0E-24	2.4E-03	5	4.0E-04
178	3.1E-01	1.6E-05	9.3E+00	3.3E-15	1.0E-03	8.2E-07		2.8E-24	2.2E-03	5	3.7E-04
179	2.0E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07		2.2E-24	1.7E-03	5	2.9E-04
180	5.7E-01	1.6E-05	9.3E+00	3.7E-15	1.0E-03	8.2E-07		3.2E-24	2.5E-03	5	4.2E-04
181	7.2E-01	1.6E-05	9.3E+00	4.5E-15	1.0E-03	8.2E-07		3.8E-24	3.0E-03	5	5.0E-04
182	9.1E-01	1.6E-05	9.3E+00	4.9E-15	1.0E-03	8.2E-07		4.2E-24	3.3E-03	5	5.5E-04
183	1.1E+00	1.6E-05	9.3E+00	5.4E-15	1.0E-03	8.2E-07		4.7E-24	3.7E-03	5	6.1E-04
184	3.0E+00	1.6E-05	9.3E+00	6.8E-15	1.0E-03	8.2E-07		5.9E-24	5.3E-03	5	8.8E-04
185	2.9E+00	1.6E-05	9.3E+00	6.5E-15	1.0E-03	8.2E-07		5.6E-24	4.8E-03	5	8.0E-04
186	2.5E+00	1.6E-05	9.3E+00	6.1E-15	1.0E-03	8.2E-07		5.2E-24	4.3E-03	5	7.2E-04

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
187	2.0E+00	1.6E-05	9.3E+00	5.6E-15	1.0E-03	8.2E-07	4.9E-24	3.9E-03	5	6.5E-04
188	1.3E+00	1.6E-05	9.3E+00	5.1E-15	1.0E-03	8.2E-07	4.4E-24	3.5E-03	5	5.9E-04
189	1.0E+00	1.6E-05	9.3E+00	4.7E-15	1.0E-03	8.2E-07	4.1E-24	3.2E-03	5	5.4E-04
190	5.7E-01	1.6E-05	9.3E+00	4.0E-15	1.0E-03	8.2E-07	3.5E-24	2.7E-03	5	4.5E-04
191	4.8E-01	1.6E-05	9.3E+00	3.7E-15	1.0E-03	8.2E-07	3.2E-24	2.5E-03	5	4.2E-04
192	3.6E-01	1.6E-05	9.3E+00	3.3E-15	1.0E-03	8.2E-07	2.8E-24	2.2E-03	5	3.7E-04
193	3.0E-01	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07	2.6E-24	2.0E-03	5	3.3E-04
194	2.3E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.3E-24	1.8E-03	5	2.9E-04
195	5.7E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07	3.1E-24	2.4E-03	5	4.0E-04
196	7.1E-01	1.6E-05	9.3E+00	4.0E-15	1.0E-03	8.2E-07	3.4E-24	2.7E-03	5	4.4E-04
197	9.1E-01	1.6E-05	9.3E+00	4.3E-15	1.0E-03	8.2E-07	3.7E-24	2.9E-03	5	4.9E-04
198	5.0E+00	1.6E-05	9.3E+00	5.6E-15	1.0E-03	8.2E-07	4.9E-24	4.3E-03	5	7.1E-04
199	4.1E+00	1.6E-05	9.3E+00	5.4E-15	1.0E-03	8.2E-07	4.6E-24	4.2E-03	5	6.9E-04
200	2.9E+00	1.6E-05	9.3E+00	5.0E-15	1.0E-03	8.2E-07	4.3E-24	3.6E-03	5	6.1E-04
201	1.7E+00	1.6E-05	9.3E+00	4.6E-15	1.0E-03	8.2E-07	4.0E-24	3.2E-03	5	5.3E-04
202	1.3E+00	1.6E-05	9.3E+00	4.3E-15	1.0E-03	8.2E-07	3.7E-24	3.0E-03	5	4.9E-04
203	9.6E-01	1.6E-05	9.3E+00	4.0E-15	1.0E-03	8.2E-07	3.4E-24	2.7E-03	5	4.5E-04
204	5.4E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07	3.0E-24	2.3E-03	5	3.9E-04
205	4.7E-01	1.6E-05	9.3E+00	3.3E-15	1.0E-03	8.2E-07	2.8E-24	2.2E-03	5	3.7E-04
206	3.1E-01	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24	1.9E-03	5	3.1E-04
207	2.6E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24	1.7E-03	5	2.9E-04
208	5.4E-01	1.6E-05	9.3E+00	3.2E-15	1.0E-03	8.2E-07	2.7E-24	2.1E-03	5	3.6E-04
209	6.8E-01	1.6E-05	9.3E+00	3.5E-15	1.0E-03	8.2E-07	3.0E-24	2.4E-03	5	3.9E-04
210	8.8E-01	1.6E-05	9.3E+00	3.8E-15	1.0E-03	8.2E-07	3.3E-24	2.6E-03	5	4.3E-04
211	6.2E+00	1.6E-05	9.3E+00	4.7E-15	1.0E-03	8.2E-07	4.1E-24	3.7E-03	5	6.2E-04
212	4.4E+00	1.6E-05	9.3E+00	4.5E-15	1.0E-03	8.2E-07	3.9E-24	3.5E-03	5	5.8E-04
213	2.5E+00	1.6E-05	9.3E+00	4.2E-15	1.0E-03	8.2E-07	3.7E-24	3.0E-03	5	5.0E-04
214	1.5E+00	1.6E-05	9.3E+00	3.9E-15	1.0E-03	8.2E-07	3.4E-24	2.7E-03	5	4.5E-04
215	1.1E+00	1.6E-05	9.3E+00	3.7E-15	1.0E-03	8.2E-07	3.2E-24	2.5E-03	5	4.2E-04
216	8.0E-01	1.6E-05	9.3E+00	3.4E-15	1.0E-03	8.2E-07	2.9E-24	2.3E-03	5	3.9E-04
217	6.3E-01	1.6E-05	9.3E+00	3.2E-15	1.0E-03	8.2E-07	2.7E-24	2.2E-03	5	3.6E-04

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Conc	g/sec	D1	Haul3b				Risk		HI	
				Dose	R1	ED					
218	4.0E-01	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24		1.9E-03	5	3.2E-04
219	2.7E-01	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.1E-24		1.6E-03	5	2.7E-04
220	5.1E-01	1.6E-05	9.3E+00	2.9E-15	1.0E-03	8.2E-07	2.5E-24		1.9E-03	5	3.2E-04
221	6.5E-01	1.6E-05	9.3E+00	3.1E-15	1.0E-03	8.2E-07	2.7E-24		2.1E-03	5	3.5E-04
222	1.2E+00	1.6E-05	9.3E+00	3.4E-15	1.0E-03	8.2E-07	2.9E-24		2.3E-03	5	3.9E-04
223	8.8E-01	1.6E-05	9.3E+00	3.2E-15	1.0E-03	8.2E-07	2.7E-24		2.2E-03	5	3.6E-04
224	7.0E-01	1.6E-05	9.3E+00	3.0E-15	1.0E-03	8.2E-07	2.6E-24		2.0E-03	5	3.4E-04
225	5.5E-01	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24		1.9E-03	5	3.1E-04
226	4.2E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24		1.7E-03	5	2.9E-04
227	4.9E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.3E-24		1.8E-03	5	3.0E-04
228	6.4E-01	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.0E-24		1.6E-03	5	2.7E-04
229	9.3E-01	1.6E-05	9.3E+00	2.5E-15	1.0E-03	8.2E-07	2.2E-24		1.7E-03	5	2.8E-04
230	2.1E+00	1.6E-05	9.3E+00	3.3E-15	1.0E-03	8.2E-07	2.9E-24		2.3E-03	5	3.9E-04
231	1.5E+00	1.6E-05	9.3E+00	3.1E-15	1.0E-03	8.2E-07	2.7E-24		2.2E-03	5	3.6E-04
232	7.6E-01	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24		1.9E-03	5	3.1E-04
233	5.7E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24		1.8E-03	5	2.9E-04
234	4.4E-01	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.1E-24		1.6E-03	5	2.7E-04
235	4.5E-01	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24		1.4E-03	5	2.3E-04
236	5.9E-01	1.6E-05	9.3E+00	2.2E-15	1.0E-03	8.2E-07	1.9E-24		1.5E-03	5	2.4E-04
237	8.3E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	1.9E-24		1.5E-03	5	2.5E-04
238	2.2E+00	1.6E-05	9.3E+00	3.1E-15	1.0E-03	8.2E-07	2.6E-24		2.1E-03	5	3.6E-04
239	1.5E+00	1.6E-05	9.3E+00	2.9E-15	1.0E-03	8.2E-07	2.5E-24		2.0E-03	5	3.3E-04
240	1.1E+00	1.6E-05	9.3E+00	2.7E-15	1.0E-03	8.2E-07	2.4E-24		1.9E-03	5	3.1E-04
241	8.5E-01	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24		1.8E-03	5	3.0E-04
242	4.9E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	2.0E-24		1.6E-03	5	2.6E-04
243	3.3E-01	1.6E-05	9.3E+00	1.7E-15	1.0E-03	8.2E-07	1.5E-24		1.2E-03	5	1.9E-04
244	4.3E-01	1.6E-05	9.3E+00	1.9E-15	1.0E-03	8.2E-07	1.6E-24		1.3E-03	5	2.1E-04
245	5.5E-01	1.6E-05	9.3E+00	2.0E-15	1.0E-03	8.2E-07	1.7E-24		1.3E-03	5	2.2E-04
246	3.1E+00	1.6E-05	9.3E+00	2.9E-15	1.0E-03	8.2E-07	2.5E-24		2.1E-03	5	3.4E-04
247	2.1E+00	1.6E-05	9.3E+00	2.8E-15	1.0E-03	8.2E-07	2.4E-24		2.0E-03	5	3.3E-04
248	1.5E+00	1.6E-05	9.3E+00	2.7E-15	1.0E-03	8.2E-07	2.3E-24		1.8E-03	5	3.1E-04

Diamond Bar - Crooked Creek
Risk From Site Preparation - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
249	1.2E+00	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24	1.8E-03	5	2.9E-04
250	9.0E-01	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.1E-24	1.7E-03	5	2.8E-04
251	6.7E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	2.0E-24	1.6E-03	5	2.6E-04
252	5.3E-01	1.6E-05	9.3E+00	2.2E-15	1.0E-03	8.2E-07	1.9E-24	1.5E-03	5	2.4E-04
253	2.6E-01	1.6E-05	9.3E+00	1.5E-15	1.0E-03	8.2E-07	1.3E-24	1.0E-03	5	1.7E-04
254	3.1E-01	1.6E-05	9.3E+00	1.6E-15	1.0E-03	8.2E-07	1.4E-24	1.1E-03	5	1.8E-04
255	3.9E-01	1.6E-05	9.3E+00	1.7E-15	1.0E-03	8.2E-07	1.5E-24	1.1E-03	5	1.9E-04
256	5.2E-01	1.6E-05	9.3E+00	1.8E-15	1.0E-03	8.2E-07	1.6E-24	1.2E-03	5	2.1E-04
257	2.7E+00	1.6E-05	9.3E+00	2.7E-15	1.0E-03	8.2E-07	2.3E-24	1.9E-03	5	3.1E-04
258	2.0E+00	1.6E-05	9.3E+00	2.6E-15	1.0E-03	8.2E-07	2.2E-24	1.8E-03	5	3.0E-04
259	1.5E+00	1.6E-05	9.3E+00	2.5E-15	1.0E-03	8.2E-07	2.2E-24	1.7E-03	5	2.9E-04
260	1.2E+00	1.6E-05	9.3E+00	2.4E-15	1.0E-03	8.2E-07	2.0E-24	1.6E-03	5	2.7E-04
261	9.1E-01	1.6E-05	9.3E+00	2.3E-15	1.0E-03	8.2E-07	2.0E-24	1.6E-03	5	2.6E-04
262	7.3E-01	1.6E-05	9.3E+00	2.2E-15	1.0E-03	8.2E-07	1.9E-24	1.5E-03	5	2.5E-04
263	6.0E-01	1.6E-05	9.3E+00	2.1E-15	1.0E-03	8.2E-07	1.8E-24	1.4E-03	5	2.3E-04
0	0.0E+00	1.6E-05	9.3E+00	0.0E+00	1.0E-03	8.2E-07	0.0E+00	0.0E+00	5	0.0E+00

4. Risk by Construction Phase
b. Grading

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

	31 0.5710	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.0441	4.4E-08	3.6E-08	7.9E-09	2.1289	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
2	0.0650	6.5E-08	5.9E-08	5.7E-09	3.48869	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
3	0.1238	1.2E-07	1.2E-07	4.6E-09	7.01295	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
4	0.0655	6.6E-08	6.0E-08	5.9E-09	3.50541	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
5	0.1245	1.2E-07	1.2E-07	6.3E-09	6.95063	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
6	0.3373	3.4E-07	3.3E-07	8.3E-09	19.35187	7.4E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
7	0.0165	1.7E-08	1.6E-08	4.6E-10	0.94627	7.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
8	0.0116	1.2E-08	1.1E-08	3.5E-10	0.66164	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
9	0.0087	8.7E-09	8.4E-09	2.8E-10	0.49331	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.4E-09
10	0.0070	7.0E-09	6.8E-09	2.4E-10	0.3994	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
11	0.0045	4.5E-09	4.3E-09	1.7E-10	0.25515	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
12	0.0038	3.8E-09	3.7E-09	1.5E-10	0.21654	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
13	0.0032	3.2E-09	3.0E-09	1.2E-10	0.17828	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
14	0.0021	2.1E-09	2.0E-09	8.9E-11	0.12001	7.4E-03	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
15	0.0019	1.9E-09	1.8E-09	8.0E-11	0.10549	7.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
16	0.0964	9.6E-08	9.0E-08	6.0E-09	5.31873	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
17	0.1818	1.8E-07	1.7E-07	6.9E-09	10.29309	7.4E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
18	0.4054	4.1E-07	4.0E-07	9.3E-09	23.29973	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
19	0.0212	2.1E-08	2.1E-08	5.6E-10	1.21426	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
20	0.0144	1.4E-08	1.4E-08	4.2E-10	0.82462	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
21	0.0107	1.1E-08	1.0E-08	3.3E-10	0.60814	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
22	0.0081	8.1E-09	7.8E-09	2.6E-10	0.46053	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
23	0.0066	6.6E-09	6.3E-09	2.2E-10	0.37219	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
24	0.0053	5.3E-09	5.1E-09	1.9E-10	0.29851	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
25	0.0042	4.2E-09	4.1E-09	1.6E-10	0.24009	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09
26	0.0035	3.5E-09	3.3E-09	1.3E-10	0.19632	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
27	0.0029	2.9E-09	2.8E-09	1.2E-10	0.16442	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
28	0.0020	2.0E-09	1.9E-09	8.5E-11	0.11385	7.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
29	0.1226	1.2E-07	1.1E-07	9.2E-09	6.66955	7.4E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	0.2130	2.1E-07	2.1E-07	6.8E-09	12.12883	7.4E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.1E-07
31	0.5710	5.7E-07	5.6E-07	1.2E-08	32.90584	7.4E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.6E-07

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

	31 0.5710	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	0.3577	3.6E-07	3.5E-07	7.3E-09	20.60922	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
33	0.0183	1.8E-08	1.8E-08	5.1E-10	1.04579	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
34	0.0135	1.4E-08	1.3E-08	4.0E-10	0.7717	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
35	0.0103	1.0E-08	9.9E-09	3.2E-10	0.58443	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
36	0.0078	7.8E-09	7.5E-09	2.6E-10	0.44257	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
37	0.0060	6.0E-09	5.7E-09	2.1E-10	0.33809	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
38	0.0047	4.7E-09	4.5E-09	1.7E-10	0.26664	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
39	0.0038	3.8E-09	3.6E-09	1.4E-10	0.21304	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
40	0.0032	3.2E-09	3.0E-09	1.2E-10	0.17882	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
41	0.0027	2.7E-09	2.6E-09	1.1E-10	0.15106	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
42	0.0023	2.3E-09	2.2E-09	9.4E-11	0.12889	7.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.2E-09
43	0.1214	1.2E-07	1.1E-07	6.9E-09	6.73347	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
44	0.1733	1.7E-07	1.7E-07	5.5E-09	9.86907	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
45	0.2048	2.0E-07	2.0E-07	5.2E-09	11.74326	7.4E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	2.0E-07
46	0.1699	1.7E-07	1.7E-07	4.1E-09	9.75409	7.4E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.7E-07
47	0.0159	1.6E-08	1.5E-08	4.6E-10	0.90896	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
48	0.0120	1.2E-08	1.2E-08	3.7E-10	0.68168	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
49	0.0090	9.0E-09	8.7E-09	2.9E-10	0.51312	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
50	0.0065	6.5E-09	6.3E-09	2.2E-10	0.36845	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.3E-09
51	0.0053	5.3E-09	5.1E-09	1.9E-10	0.30131	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
52	0.0043	4.3E-09	4.1E-09	1.6E-10	0.24352	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
53	0.0034	3.4E-09	3.3E-09	1.3E-10	0.19318	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
54	0.0029	2.9E-09	2.8E-09	1.1E-10	0.16338	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
55	0.0025	2.5E-09	2.4E-09	1.0E-10	0.14034	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
56	0.0766	7.7E-08	7.1E-08	5.7E-09	4.17293	7.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.1E-08
57	0.0952	9.5E-08	9.0E-08	5.1E-09	5.29757	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
58	0.1013	1.0E-07	9.8E-08	3.7E-09	5.73909	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.8E-08
59	0.0996	1.0E-07	9.7E-08	3.1E-09	5.67911	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.7E-08
60	0.0813	8.1E-08	7.9E-08	2.4E-09	4.64213	7.4E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.9E-08
61	0.0442	4.4E-08	4.3E-08	1.3E-09	2.52648	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
62	0.0186	1.9E-08	1.8E-08	5.5E-10	1.06309	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31 0.5710	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
63	0.0136	1.4E-08	1.3E-08	4.2E-10	0.77268	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
64	0.0107	1.1E-08	1.0E-08	3.4E-10	0.60845	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
65	0.0079	7.9E-09	7.6E-09	2.6E-10	0.44744	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.6E-09
66	0.0059	5.9E-09	5.7E-09	2.1E-10	0.33524	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
67	0.0049	4.9E-09	4.8E-09	1.8E-10	0.27979	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
68	0.0040	4.0E-09	3.8E-09	1.5E-10	0.2244	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
69	0.0032	3.2E-09	3.1E-09	1.2E-10	0.18169	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
70	0.0027	2.7E-09	2.6E-09	1.1E-10	0.15226	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
71	0.0639	6.4E-08	5.7E-08	6.6E-09	3.36722	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
72	0.0666	6.7E-08	6.3E-08	3.8E-09	3.69785	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08
73	0.0651	6.5E-08	6.2E-08	2.7E-09	3.66593	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.2E-08
74	0.0569	5.7E-08	5.5E-08	2.0E-09	3.22742	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
75	0.0476	4.8E-08	4.6E-08	1.6E-09	2.70117	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
76	0.0378	3.8E-08	3.7E-08	1.3E-09	2.14729	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
77	0.0291	2.9E-08	2.8E-08	9.4E-10	1.6568	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
78	0.0207	2.1E-08	2.0E-08	6.5E-10	1.18131	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
79	0.0145	1.4E-08	1.4E-08	4.6E-10	0.82556	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
80	0.0115	1.1E-08	1.1E-08	3.7E-10	0.65168	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
81	0.0089	8.9E-09	8.6E-09	3.0E-10	0.5057	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
82	0.0068	6.8E-09	6.6E-09	2.3E-10	0.38537	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
83	0.0055	5.5E-09	5.3E-09	2.0E-10	0.31159	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
84	0.0044	4.4E-09	4.2E-09	1.6E-10	0.24987	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
85	0.0037	3.7E-09	3.5E-09	1.4E-10	0.20808	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
86	0.0031	3.1E-09	3.0E-09	1.2E-10	0.17641	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
87	0.0473	4.7E-08	4.0E-08	7.4E-09	2.34477	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
88	0.0474	4.7E-08	4.3E-08	4.4E-09	2.52692	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
89	0.0456	4.6E-08	4.3E-08	2.7E-09	2.52189	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
90	0.0487	4.9E-08	4.7E-08	2.2E-09	2.73658	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
91	0.0370	3.7E-08	3.5E-08	1.5E-09	2.08775	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
92	0.0310	3.1E-08	3.0E-08	1.1E-09	1.75833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
93	0.0248	2.5E-08	2.4E-08	8.6E-10	1.40869	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

	31 0.5710	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
94	0.0195	1.9E-08	1.9E-08	6.6E-10	1.10707	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
95	0.0149	1.5E-08	1.4E-08	4.9E-10	0.84487	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
96	0.0116	1.2E-08	1.1E-08	3.9E-10	0.66067	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
97	0.0090	9.0E-09	8.7E-09	3.1E-10	0.51326	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
98	0.0072	7.2E-09	7.0E-09	2.5E-10	0.40928	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
99	0.0058	5.8E-09	5.6E-09	2.1E-10	0.3274	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
100	0.0047	4.7E-09	4.5E-09	1.7E-10	0.26752	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
101	0.0039	3.9E-09	3.8E-09	1.5E-10	0.22247	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
102	0.0033	3.3E-09	3.2E-09	1.3E-10	0.1888	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
103	0.0377	3.8E-08	3.1E-08	6.3E-09	1.84597	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
104	0.0349	3.5E-08	3.2E-08	3.1E-09	1.8707	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
105	0.0326	3.3E-08	3.1E-08	2.0E-09	1.79694	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
106	0.0294	2.9E-08	2.8E-08	1.5E-09	1.64097	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
107	0.0258	2.6E-08	2.5E-08	1.1E-09	1.44868	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
108	0.0214	2.1E-08	2.1E-08	8.3E-10	1.20878	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.1E-08
109	0.0173	1.7E-08	1.7E-08	6.3E-10	0.97938	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
110	0.0149	1.5E-08	1.4E-08	5.4E-10	0.84257	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
111	0.0130	1.3E-08	1.3E-08	4.8E-10	0.73882	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
112	0.0101	1.0E-08	9.8E-09	3.6E-10	0.57415	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.8E-09
113	0.0087	8.7E-09	8.3E-09	3.1E-10	0.49034	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
114	0.0071	7.1E-09	6.9E-09	2.6E-10	0.40309	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
115	0.0056	5.6E-09	5.4E-09	2.1E-10	0.31882	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
116	0.0046	4.6E-09	4.4E-09	1.7E-10	0.25985	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
117	0.0037	3.7E-09	3.6E-09	1.4E-10	0.20903	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
118	0.0286	2.9E-08	2.4E-08	4.7E-09	1.40858	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
119	0.0289	2.9E-08	2.4E-08	4.8E-09	1.41449	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
120	0.0259	2.6E-08	2.4E-08	2.1E-09	1.39758	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
121	0.0238	2.4E-08	2.2E-08	1.4E-09	1.31485	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
122	0.0214	2.1E-08	2.0E-08	1.1E-09	1.19465	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
123	0.0189	1.9E-08	1.8E-08	8.7E-10	1.05909	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
124	0.0165	1.6E-08	1.6E-08	7.1E-10	0.92686	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31 0.5710	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0142	1.4E-08	1.4E-08	5.8E-10	0.80053	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
126	0.0123	1.2E-08	1.2E-08	4.9E-10	0.69206	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
127	0.0104	1.0E-08	1.0E-08	4.0E-10	0.58599	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	1.0E-08
128	0.0089	8.9E-09	8.5E-09	3.4E-10	0.50096	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
129	0.0074	7.4E-09	7.1E-09	2.8E-10	0.41796	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
130	0.0061	6.1E-09	5.8E-09	2.3E-10	0.34239	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
131	0.0048	4.8E-09	4.6E-09	1.8E-10	0.26987	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
132	0.0042	4.2E-09	4.0E-09	1.6E-10	0.23513	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
133	0.0123	1.2E-08	1.1E-08	9.7E-10	0.66897	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
134	0.0214	2.1E-08	1.8E-08	3.9E-09	1.03096	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.8E-08
135	0.0212	2.1E-08	1.9E-08	2.2E-09	1.11817	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
136	0.0195	1.9E-08	1.8E-08	1.4E-09	1.06488	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
137	0.0179	1.8E-08	1.7E-08	1.0E-09	0.99354	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
138	0.0162	1.6E-08	1.5E-08	8.4E-10	0.904	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
139	0.0145	1.4E-08	1.4E-08	6.9E-10	0.81017	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
140	0.0127	1.3E-08	1.2E-08	5.7E-10	0.71623	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
141	0.0112	1.1E-08	1.1E-08	4.8E-10	0.63091	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
142	0.0098	9.8E-09	9.4E-09	4.1E-10	0.55201	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
143	0.0085	8.5E-09	8.2E-09	3.4E-10	0.48025	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
144	0.0069	6.9E-09	6.6E-09	2.7E-10	0.39044	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
145	0.0059	5.9E-09	5.7E-09	2.3E-10	0.3342	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
146	0.0050	5.0E-09	4.8E-09	1.9E-10	0.28047	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
147	0.0042	4.2E-09	4.0E-09	1.6E-10	0.23555	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
148	0.0094	9.4E-09	8.7E-09	7.0E-10	0.51247	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
149	0.0107	1.1E-08	9.9E-09	8.3E-10	0.58112	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
150	0.0185	1.8E-08	1.6E-08	2.9E-09	0.91933	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
151	0.0174	1.7E-08	1.6E-08	1.9E-09	0.91288	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
152	0.0163	1.6E-08	1.5E-08	1.3E-09	0.8836	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
153	0.0151	1.5E-08	1.4E-08	9.7E-10	0.83248	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
154	0.0139	1.4E-08	1.3E-08	7.9E-10	0.77407	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
155	0.0127	1.3E-08	1.2E-08	6.5E-10	0.70704	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5710	Max									
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
156	0.0114	1.1E-08	1.1E-08	5.5E-10	0.63958	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
157	0.0102	1.0E-08	9.7E-09	4.7E-10	0.57261	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
158	0.0090	9.0E-09	8.6E-09	4.0E-10	0.507	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
159	0.0080	8.0E-09	7.7E-09	3.4E-10	0.45141	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
160	0.0066	6.6E-09	6.4E-09	2.7E-10	0.37505	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09
161	0.0055	5.5E-09	5.3E-09	2.2E-10	0.3109	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
162	0.0048	4.8E-09	4.6E-09	1.9E-10	0.26948	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
163	0.0041	4.1E-09	3.9E-09	1.7E-10	0.2321	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
164	0.0082	8.2E-09	7.6E-09	6.0E-10	0.44979	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
165	0.0093	9.3E-09	8.6E-09	7.0E-10	0.50535	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
166	0.0103	1.0E-08	9.5E-09	8.1E-10	0.55605	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.5E-09
167	0.0144	1.4E-08	1.3E-08	1.3E-09	0.76605	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
168	0.0137	1.4E-08	1.3E-08	1.1E-09	0.74212	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
169	0.0130	1.3E-08	1.2E-08	8.8E-10	0.71011	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
170	0.0121	1.2E-08	1.1E-08	7.3E-10	0.66746	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
171	0.0111	1.1E-08	1.1E-08	6.1E-10	0.61914	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.1E-08
172	0.0102	1.0E-08	9.7E-09	5.2E-10	0.56804	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
173	0.0091	9.1E-09	8.7E-09	4.4E-10	0.51041	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
174	0.0081	8.1E-09	7.7E-09	3.7E-10	0.45215	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
175	0.0069	6.9E-09	6.6E-09	3.0E-10	0.39007	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
176	0.0063	6.3E-09	6.0E-09	2.7E-10	0.35392	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
177	0.0056	5.6E-09	5.4E-09	2.4E-10	0.3175	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.4E-09
178	0.0052	5.2E-09	5.0E-09	2.2E-10	0.29458	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
179	0.0041	4.1E-09	4.0E-09	1.7E-10	0.23316	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
180	0.0061	6.1E-09	5.7E-09	4.3E-10	0.33274	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
181	0.0073	7.3E-09	6.8E-09	5.2E-10	0.39975	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
182	0.0080	8.0E-09	7.5E-09	5.9E-10	0.43864	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
183	0.0089	8.9E-09	8.3E-09	6.8E-10	0.48536	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.3E-09
184	0.0111	1.1E-08	1.0E-08	7.7E-10	0.61014	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
185	0.0105	1.1E-08	9.9E-09	6.5E-10	0.57943	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
186	0.0098	9.8E-09	9.3E-09	5.7E-10	0.54464	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5710	Max									
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
187	0.0091	9.1E-09	8.6E-09	4.9E-10	0.50549	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
188	0.0082	8.2E-09	7.8E-09	4.2E-10	0.46029	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
189	0.0076	7.6E-09	7.2E-09	3.7E-10	0.4249	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
190	0.0064	6.4E-09	6.1E-09	3.0E-10	0.36106	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
191	0.0059	5.9E-09	5.7E-09	2.7E-10	0.33374	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
192	0.0052	5.2E-09	5.0E-09	2.3E-10	0.29459	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
193	0.0048	4.8E-09	4.6E-09	2.1E-10	0.26791	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
194	0.0042	4.2E-09	4.0E-09	1.8E-10	0.23596	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
195	0.0058	5.8E-09	5.4E-09	4.0E-10	0.31822	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
196	0.0065	6.5E-09	6.0E-09	4.6E-10	0.35442	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
197	0.0071	7.1E-09	6.6E-09	5.1E-10	0.38757	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
198	0.0092	9.2E-09	8.6E-09	5.7E-10	0.50574	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
199	0.0087	8.7E-09	8.2E-09	5.1E-10	0.4809	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
200	0.0082	8.2E-09	7.7E-09	4.6E-10	0.45273	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
201	0.0075	7.5E-09	7.1E-09	4.0E-10	0.41569	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
202	0.0069	6.9E-09	6.6E-09	3.6E-10	0.3874	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
203	0.0064	6.4E-09	6.1E-09	3.2E-10	0.35931	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
204	0.0056	5.6E-09	5.3E-09	2.6E-10	0.31258	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
205	0.0052	5.2E-09	5.0E-09	2.4E-10	0.29326	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
206	0.0045	4.5E-09	4.3E-09	2.0E-10	0.25011	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
207	0.0041	4.1E-09	3.9E-09	1.8E-10	0.22979	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
208	0.0052	5.2E-09	4.9E-09	3.6E-10	0.28553	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09
209	0.0057	5.7E-09	5.3E-09	3.9E-10	0.31317	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
210	0.0062	6.2E-09	5.8E-09	4.4E-10	0.34113	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
211	0.0077	7.7E-09	7.2E-09	4.5E-10	0.4254	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
212	0.0073	7.3E-09	6.9E-09	4.2E-10	0.40593	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
213	0.0068	6.8E-09	6.5E-09	3.8E-10	0.38055	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.5E-09
214	0.0063	6.3E-09	6.0E-09	3.4E-10	0.35286	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
215	0.0059	5.9E-09	5.6E-09	3.1E-10	0.33042	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
216	0.0055	5.5E-09	5.2E-09	2.8E-10	0.30696	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
217	0.0051	5.1E-09	4.9E-09	2.5E-10	0.28558	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31 0.5710	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
218	0.0045	4.5E-09	4.3E-09	2.1E-10	0.25289	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
219	0.0039	3.9E-09	3.7E-09	1.8E-10	0.21705	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
220	0.0047	4.7E-09	4.4E-09	3.2E-10	0.25867	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
221	0.0051	5.1E-09	4.8E-09	3.5E-10	0.28227	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
222	0.0054	5.4E-09	5.1E-09	2.9E-10	0.30285	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
223	0.0051	5.1E-09	4.8E-09	2.6E-10	0.28404	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
224	0.0048	4.8E-09	4.5E-09	2.4E-10	0.26716	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
225	0.0045	4.5E-09	4.2E-09	2.2E-10	0.24945	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
226	0.0041	4.1E-09	3.9E-09	2.0E-10	0.23062	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
227	0.0043	4.3E-09	4.0E-09	2.9E-10	0.23682	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
228	0.0039	3.9E-09	3.6E-09	2.7E-10	0.21189	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
229	0.0041	4.1E-09	3.8E-09	2.9E-10	0.22467	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
230	0.0054	5.4E-09	5.1E-09	3.0E-10	0.29824	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
231	0.0051	5.1E-09	4.8E-09	2.8E-10	0.28228	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
232	0.0045	4.5E-09	4.2E-09	2.3E-10	0.24885	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
233	0.0042	4.2E-09	4.0E-09	2.1E-10	0.2325	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
234	0.0039	3.9E-09	3.7E-09	1.9E-10	0.21656	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
235	0.0033	3.3E-09	3.1E-09	2.3E-10	0.18168	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
236	0.0035	3.5E-09	3.3E-09	2.4E-10	0.19303	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
237	0.0037	3.7E-09	3.4E-09	2.5E-10	0.20257	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
238	0.0049	4.9E-09	4.7E-09	2.8E-10	0.27372	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.7E-09
239	0.0047	4.7E-09	4.4E-09	2.6E-10	0.2593	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
240	0.0044	4.4E-09	4.2E-09	2.4E-10	0.24647	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
241	0.0042	4.2E-09	4.0E-09	2.2E-10	0.23355	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
242	0.0037	3.7E-09	3.5E-09	1.9E-10	0.2058	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
243	0.0028	2.8E-09	2.6E-09	1.9E-10	0.15502	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
244	0.0030	3.0E-09	2.8E-09	2.0E-10	0.1672	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
245	0.0032	3.2E-09	3.0E-09	2.2E-10	0.17664	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
246	0.0048	4.8E-09	4.5E-09	2.7E-10	0.26338	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.5E-09
247	0.0046	4.6E-09	4.3E-09	2.6E-10	0.25334	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
248	0.0043	4.3E-09	4.1E-09	2.4E-10	0.23996	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	31 0.5710	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0041	4.1E-09	3.9E-09	2.2E-10	0.2292	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
250	0.0039	3.9E-09	3.7E-09	2.1E-10	0.2182	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
251	0.0037	3.7E-09	3.5E-09	1.9E-10	0.20539	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
252	0.0035	3.5E-09	3.3E-09	1.8E-10	0.19431	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
253	0.0024	2.4E-09	2.3E-09	1.6E-10	0.1334	7.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
254	0.0026	2.6E-09	2.4E-09	1.7E-10	0.14177	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
255	0.0028	2.8E-09	2.6E-09	1.9E-10	0.15265	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
256	0.0030	3.0E-09	2.8E-09	2.0E-10	0.16376	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
257	0.0044	4.4E-09	4.1E-09	2.5E-10	0.24198	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
258	0.0042	4.2E-09	4.0E-09	2.4E-10	0.23332	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
259	0.0040	4.0E-09	3.8E-09	2.2E-10	0.22451	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
260	0.0038	3.8E-09	3.6E-09	2.1E-10	0.21336	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
261	0.0037	3.7E-09	3.5E-09	2.0E-10	0.20404	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
262	0.0035	3.5E-09	3.3E-09	1.9E-10	0.19449	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
263	0.0033	3.3E-09	3.2E-09	1.8E-10	0.18577	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09
0	0.0000	3.4E-17	0.0E+00	3.4E-17	0	7.4E-03	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	6.3E-01	1.3E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10	9.3E+00	3.4E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.3E-09
2	7.4E-01	1.3E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09	5.9E+00	3.4E-04	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
3	8.5E-01	1.3E-04	1.0E-03	9.8E-07	1.6E-01	1.4E-02	2.2E-09	3.1E+00	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
4	8.5E-01	1.3E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09	6.2E+00	3.4E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
5	1.0E+00	1.3E-04	1.0E-03	9.7E-07	1.6E-01	1.4E-02	2.1E-09	5.3E+00	3.4E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
6	1.3E+00	1.3E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09	3.0E+00	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
7	4.6E-01	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	2.1E-01	3.4E-04	1.0E-03	7.6E-08	1.6E-01	1.4E-02	1.7E-10
8	3.9E-01	1.3E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10	1.8E-01	3.4E-04	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
9	3.3E-01	1.3E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	1.6E-01	3.4E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
10	2.9E-01	1.3E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.4E-01	3.4E-04	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
11	2.1E-01	1.3E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.9E-11	1.1E-01	3.4E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.7E-11
12	1.8E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11	1.0E-01	3.4E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.9E-11
13	1.5E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	8.8E-02	3.4E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11
14	1.1E-01	1.3E-04	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	6.6E-02	3.4E-04	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11
15	9.7E-02	1.3E-04	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	6.0E-02	3.4E-04	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.7E-11
16	1.2E+00	1.3E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09	5.5E+00	3.4E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
17	1.6E+00	1.3E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09	4.7E+00	3.4E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
18	2.3E+00	1.3E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09	2.7E+00	3.4E-04	1.0E-03	9.6E-07	1.6E-01	1.4E-02	2.1E-09
19	6.1E-01	1.3E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10	2.4E-01	3.4E-04	1.0E-03	8.6E-08	1.6E-01	1.4E-02	1.9E-10
20	5.0E-01	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.5E-10	2.1E-01	3.4E-04	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
21	4.1E-01	1.3E-04	1.0E-03	8.5E-08	1.6E-01	1.4E-02	1.9E-10	1.8E-01	3.4E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10
22	3.4E-01	1.3E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10	1.6E-01	3.4E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
23	2.9E-01	1.3E-04	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10	1.4E-01	3.4E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
24	2.4E-01	1.3E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11	1.2E-01	3.4E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.6E-11
25	2.0E-01	1.3E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	1.1E-01	3.4E-04	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.4E-11
26	1.7E-01	1.3E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.1E-11	9.3E-02	3.4E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11
27	1.4E-01	1.3E-04	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	8.3E-02	3.4E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.5E-11
28	1.0E-01	1.3E-04	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	6.3E-02	3.4E-04	1.0E-03	2.2E-08	1.6E-01	1.4E-02	5.0E-11
29	1.9E+00	1.3E-04	1.0E-03	9.3E-07	1.6E-01	1.4E-02	2.1E-09	9.1E+00	3.4E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
30	3.0E+00	1.3E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09	3.9E+00	3.4E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
31	1.5E+01	1.3E-04	1.0E-03	4.6E-06	1.6E-01	1.4E-02	1.0E-08	1.7E+00	3.4E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.4E-09

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	1.4E+01	1.3E-04	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09	1.2E+00	3.4E-04	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.3E-10
33	6.4E-01	1.3E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.2E-10	2.4E-01	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.9E-10
34	5.2E-01	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10	2.1E-01	3.4E-04	1.0E-03	7.4E-08	1.6E-01	1.4E-02	1.6E-10
35	4.2E-01	1.3E-04	1.0E-03	8.2E-08	1.6E-01	1.4E-02	1.8E-10	1.8E-01	3.4E-04	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
36	3.4E-01	1.3E-04	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10	1.6E-01	3.4E-04	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
37	2.7E-01	1.3E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	1.3E-01	3.4E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10
38	2.2E-01	1.3E-04	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	1.1E-01	3.4E-04	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.9E-11
39	1.8E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.6E-11	9.7E-02	3.4E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.6E-11
40	1.5E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	8.7E-02	3.4E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11
41	1.3E-01	1.3E-04	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	7.7E-02	3.4E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.1E-11
42	1.1E-01	1.3E-04	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	6.9E-02	3.4E-04	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.4E-11
43	3.3E+00	1.3E-04	1.0E-03	9.4E-07	1.6E-01	1.4E-02	2.1E-09	6.1E+00	3.4E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
44	6.3E+00	1.3E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09	3.1E+00	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.5E-09
45	2.0E+01	1.3E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09	2.0E+00	3.4E-04	1.0E-03	7.1E-07	1.6E-01	1.4E-02	1.6E-09
46	2.9E+01	1.3E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09	1.4E+00	3.4E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
47	6.5E-01	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	2.3E-01	3.4E-04	1.0E-03	8.3E-08	1.6E-01	1.4E-02	1.8E-10
48	5.0E-01	1.3E-04	1.0E-03	9.5E-08	1.6E-01	1.4E-02	2.1E-10	2.0E-01	3.4E-04	1.0E-03	7.2E-08	1.6E-01	1.4E-02	1.6E-10
49	3.9E-01	1.3E-04	1.0E-03	7.2E-08	1.6E-01	1.4E-02	1.6E-10	1.7E-01	3.4E-04	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.3E-10
50	2.9E-01	1.3E-04	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10	1.4E-01	3.4E-04	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
51	2.5E-01	1.3E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11	1.2E-01	3.4E-04	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.6E-11
52	2.0E-01	1.3E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	1.1E-01	3.4E-04	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.3E-11
53	1.6E-01	1.3E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	9.0E-02	3.4E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11
54	1.4E-01	1.3E-04	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	8.1E-02	3.4E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11
55	1.2E-01	1.3E-04	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11	7.3E-02	3.4E-04	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11
56	3.4E+00	1.3E-04	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09	5.6E+00	3.4E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
57	5.8E+00	1.3E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09	4.5E+00	3.4E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
58	1.1E+01	1.3E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.8E-09	2.5E+00	3.4E-04	1.0E-03	8.7E-07	1.6E-01	1.4E-02	1.9E-09
59	2.1E+01	1.3E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.8E-09	1.7E+00	3.4E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09
60	2.3E+01	1.3E-04	1.0E-03	6.5E-07	1.6E-01	1.4E-02	1.4E-09	1.2E+00	3.4E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.6E-10
61	3.5E+00	1.3E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.8E-10	6.4E-01	3.4E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.0E-10
62	8.7E-01	1.3E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10	2.8E-01	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	6.2E-01	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10	2.3E-01	3.4E-04	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.8E-10
64	4.8E-01	1.3E-04	1.0E-03	8.5E-08	1.6E-01	1.4E-02	1.9E-10	2.0E-01	3.4E-04	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.6E-10
65	3.6E-01	1.3E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
66	2.7E-01	1.3E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	1.3E-01	3.4E-04	1.0E-03	4.6E-08	1.6E-01	1.4E-02	1.0E-10
67	2.3E-01	1.3E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11	1.2E-01	3.4E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11
68	1.9E-01	1.3E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	1.0E-01	3.4E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.9E-11
69	1.5E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11	8.7E-02	3.4E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11
70	1.3E-01	1.3E-04	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	7.6E-02	3.4E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11
71	5.7E+00	1.3E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09	7.1E+00	3.4E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
72	1.0E+01	1.3E-04	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.1E-09	3.3E+00	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
73	2.2E+01	1.3E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09	2.0E+00	3.4E-04	1.0E-03	7.3E-07	1.6E-01	1.4E-02	1.6E-09
74	3.1E+01	1.3E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	1.0E-09	1.3E+00	3.4E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
75	1.3E+01	1.3E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.3E-10	1.0E+00	3.4E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	8.0E-10
76	5.2E+00	1.3E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10	7.7E-01	3.4E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	6.1E-10
77	2.6E+00	1.3E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.1E-10	5.5E-01	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.3E-10
78	1.3E+00	1.3E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10	3.6E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
79	7.6E-01	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.5E-10	2.6E-01	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
80	5.7E-01	1.3E-04	1.0E-03	9.1E-08	1.6E-01	1.4E-02	2.0E-10	2.2E-01	3.4E-04	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
81	4.3E-01	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	1.8E-01	3.4E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10
82	3.2E-01	1.3E-04	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	1.5E-01	3.4E-04	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.2E-10
83	2.6E-01	1.3E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.6E-11	1.3E-01	3.4E-04	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10
84	2.1E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11	1.1E-01	3.4E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.5E-11
85	1.7E-01	1.3E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	9.6E-02	3.4E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11
86	1.5E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	8.6E-02	3.4E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11
87	6.3E+00	1.3E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.2E-10	8.5E+00	3.4E-04	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.7E-09
88	1.3E+01	1.3E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.8E-10	4.6E+00	3.4E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
89	3.1E+01	1.3E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.8E-10	2.5E+00	3.4E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
90	4.6E+01	1.3E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.4E-10	1.7E+00	3.4E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
91	1.6E+01	1.3E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.4E-10	1.1E+00	3.4E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.9E-10
92	5.4E+00	1.3E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10	7.7E-01	3.4E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	6.0E-10
93	2.6E+00	1.3E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10	5.4E-01	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	1.5E+00	1.3E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.4E-10	4.0E-01	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
95	9.5E-01	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10	3.0E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
96	6.6E-01	1.3E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10	2.4E-01	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.9E-10
97	4.8E-01	1.3E-04	1.0E-03	7.2E-08	1.6E-01	1.4E-02	1.6E-10	1.9E-01	3.4E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10
98	3.6E-01	1.3E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.2E-10
99	2.8E-01	1.3E-04	1.0E-03	4.6E-08	1.6E-01	1.4E-02	1.0E-10	1.3E-01	3.4E-04	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10
100	2.3E-01	1.3E-04	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.3E-11	1.2E-01	3.4E-04	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11
101	1.9E-01	1.3E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	1.0E-01	3.4E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.9E-11
102	1.6E-01	1.3E-04	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11	9.0E-02	3.4E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11
103	2.2E+01	1.3E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10	7.3E+00	3.4E-04	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
104	5.0E+01	1.3E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.8E-10	3.2E+00	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.5E-09
105	2.3E+01	1.3E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10	1.9E+00	3.4E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.5E-09
106	1.2E+01	1.3E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.1E-10	1.2E+00	3.4E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.8E-10
107	5.9E+00	1.3E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.5E-10	8.8E-01	3.4E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.9E-10
108	2.9E+00	1.3E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10	5.8E-01	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
109	1.7E+00	1.3E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10	4.2E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
110	1.2E+00	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10	3.6E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
111	1.0E+00	1.3E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10	3.3E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
112	6.3E-01	1.3E-04	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10	2.4E-01	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.9E-10
113	5.1E-01	1.3E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	2.1E-01	3.4E-04	1.0E-03	7.4E-08	1.6E-01	1.4E-02	1.6E-10
114	3.9E-01	1.3E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	1.7E-01	3.4E-04	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10
115	2.9E-01	1.3E-04	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.8E-11	1.4E-01	3.4E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
116	2.3E-01	1.3E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11	1.2E-01	3.4E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11
117	1.8E-01	1.3E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	9.9E-02	3.4E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11
118	1.5E+01	1.3E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10	5.4E+00	3.4E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
119	3.3E+01	1.3E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	5.6E+00	3.4E-04	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
120	2.0E+01	1.3E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10	2.1E+00	3.4E-04	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.7E-09
121	9.3E+00	1.3E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	4.1E-10	1.3E+00	3.4E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
122	5.4E+00	1.3E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10	9.3E-01	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.3E-10
123	3.4E+00	1.3E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10	6.9E-01	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
124	2.2E+00	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	5.4E-01	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.5E+00	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10	4.2E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
126	1.1E+00	1.3E-04	1.0E-03	9.7E-08	1.6E-01	1.4E-02	2.1E-10	3.5E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.8E-10
127	8.0E-01	1.3E-04	1.0E-03	8.2E-08	1.6E-01	1.4E-02	1.8E-10	2.8E-01	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10
128	6.1E-01	1.3E-04	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.5E-10	2.4E-01	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.9E-10
129	4.5E-01	1.3E-04	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10	1.9E-01	3.4E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
130	3.4E-01	1.3E-04	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10	1.6E-01	3.4E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
131	2.5E-01	1.3E-04	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.3E-11	1.3E-01	3.4E-04	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.9E-11
132	2.1E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	1.1E-01	3.4E-04	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11
133	9.4E-01	1.3E-04	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	9.8E-01	3.4E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.7E-10
134	2.6E+01	1.3E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.2E-10	4.5E+00	3.4E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
135	2.3E+01	1.3E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10	2.3E+00	3.4E-04	1.0E-03	8.3E-07	1.6E-01	1.4E-02	1.8E-09
136	8.2E+00	1.3E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10	1.4E+00	3.4E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.1E-09
137	4.8E+00	1.3E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10	9.4E-01	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.4E-10
138	3.2E+00	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	7.1E-01	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.6E-10
139	2.2E+00	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10	5.6E-01	3.4E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10
140	1.6E+00	1.3E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10	4.4E-01	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
141	1.2E+00	1.3E-04	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	3.6E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
142	8.7E-01	1.3E-04	1.0E-03	7.7E-08	1.6E-01	1.4E-02	1.7E-10	3.0E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
143	6.6E-01	1.3E-04	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10	2.5E-01	3.4E-04	1.0E-03	8.9E-08	1.6E-01	1.4E-02	2.0E-10
144	4.6E-01	1.3E-04	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	1.9E-01	3.4E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10
145	3.6E-01	1.3E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	1.6E-01	3.4E-04	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10
146	2.8E-01	1.3E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.7E-11	1.4E-01	3.4E-04	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
147	2.3E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	1.2E-01	3.4E-04	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11
148	6.8E-01	1.3E-04	1.0E-03	7.2E-08	1.6E-01	1.4E-02	1.6E-10	6.9E-01	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.4E-10
149	8.7E-01	1.3E-04	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.8E-10	8.2E-01	3.4E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.5E-10
150	1.5E+01	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	3.3E+00	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
151	1.1E+01	1.3E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	2.1E+00	3.4E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09
152	6.3E+00	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10	1.3E+00	3.4E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	1.0E-09
153	4.0E+00	1.3E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10	9.1E-01	3.4E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	7.2E-10
154	2.8E+00	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10	7.0E-01	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10
155	2.1E+00	1.3E-04	1.0E-03	9.9E-08	1.6E-01	1.4E-02	2.2E-10	5.5E-01	3.4E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	1.6E+00	1.3E-04	1.0E-03	8.9E-08	1.6E-01	1.4E-02	2.0E-10	4.5E-01	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10
157	1.2E+00	1.3E-04	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10	3.7E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10
158	8.8E-01	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	3.0E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
159	6.9E-01	1.3E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	2.6E-01	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
160	4.9E-01	1.3E-04	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.2E-10	2.0E-01	3.4E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10
161	3.6E-01	1.3E-04	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.6E-11	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
162	3.0E-01	1.3E-04	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.3E-11	1.4E-01	3.4E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
163	2.4E-01	1.3E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.2E-11	1.2E-01	3.4E-04	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.4E-11
164	6.1E-01	1.3E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	5.9E-01	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
165	7.8E-01	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	6.9E-01	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
166	9.9E-01	1.3E-04	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	8.2E-01	3.4E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.4E-10
167	5.4E+00	1.3E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10	1.4E+00	3.4E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
168	4.4E+00	1.3E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10	1.1E+00	3.4E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.8E-10
169	3.2E+00	1.3E-04	1.0E-03	9.9E-08	1.6E-01	1.4E-02	2.2E-10	8.4E-01	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10
170	2.4E+00	1.3E-04	1.0E-03	9.3E-08	1.6E-01	1.4E-02	2.1E-10	6.6E-01	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
171	1.9E+00	1.3E-04	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10	5.4E-01	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
172	1.4E+00	1.3E-04	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.8E-10	4.5E-01	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
173	1.1E+00	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	3.6E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
174	8.1E-01	1.3E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	2.9E-01	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10
175	6.1E-01	1.3E-04	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10	2.3E-01	3.4E-04	1.0E-03	8.3E-08	1.6E-01	1.4E-02	1.8E-10
176	5.0E-01	1.3E-04	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	2.1E-01	3.4E-04	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
177	4.1E-01	1.3E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.8E-11	1.8E-01	3.4E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10
178	3.6E-01	1.3E-04	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11	1.7E-01	3.4E-04	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10
179	2.6E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11	1.3E-01	3.4E-04	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10
180	4.0E-01	1.3E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	4.1E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.2E-10
181	5.5E-01	1.3E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10	5.1E-01	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	4.0E-10
182	6.7E-01	1.3E-04	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10	5.8E-01	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.5E-10
183	8.7E-01	1.3E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10	6.8E-01	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.3E-10
184	2.5E+00	1.3E-04	1.0E-03	8.5E-08	1.6E-01	1.4E-02	1.9E-10	7.4E-01	3.4E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.8E-10
185	2.0E+00	1.3E-04	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.8E-10	6.1E-01	3.4E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
186	1.6E+00	1.3E-04	1.0E-03	7.6E-08	1.6E-01	1.4E-02	1.7E-10	5.1E-01	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	4.0E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	1.3E+00	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	4.3E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.4E-10
188	1.0E+00	1.3E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10	3.5E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
189	8.5E-01	1.3E-04	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10	3.1E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
190	6.0E-01	1.3E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10	2.4E-01	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.9E-10
191	5.1E-01	1.3E-04	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10	2.1E-01	3.4E-04	1.0E-03	7.5E-08	1.6E-01	1.4E-02	1.7E-10
192	4.1E-01	1.3E-04	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11	1.8E-01	3.4E-04	1.0E-03	6.4E-08	1.6E-01	1.4E-02	1.4E-10
193	3.5E-01	1.3E-04	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.3E-11	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
194	2.9E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	1.4E-01	3.4E-04	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
195	4.0E-01	1.3E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.8E-11	3.9E-01	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
196	4.9E-01	1.3E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10	4.4E-01	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
197	6.0E-01	1.3E-04	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	4.9E-01	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
198	1.6E+00	1.3E-04	1.0E-03	7.1E-08	1.6E-01	1.4E-02	1.6E-10	5.3E-01	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
199	1.4E+00	1.3E-04	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10	4.7E-01	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
200	1.2E+00	1.3E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10	4.0E-01	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.2E-10
201	9.4E-01	1.3E-04	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10	3.4E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
202	8.0E-01	1.3E-04	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	3.0E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
203	6.8E-01	1.3E-04	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10	2.7E-01	3.4E-04	1.0E-03	9.5E-08	1.6E-01	1.4E-02	2.1E-10
204	5.1E-01	1.3E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.6E-11	2.1E-01	3.4E-04	1.0E-03	7.6E-08	1.6E-01	1.4E-02	1.7E-10
205	4.5E-01	1.3E-04	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.0E-11	1.9E-01	3.4E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
206	3.4E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.2E-10
207	3.0E-01	1.3E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11	1.4E-01	3.4E-04	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
208	3.6E-01	1.3E-04	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	3.4E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
209	4.3E-01	1.3E-04	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.7E-11	3.8E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	3.0E-10
210	5.2E-01	1.3E-04	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10	4.2E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
211	1.1E+00	1.3E-04	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10	4.1E-01	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.2E-10
212	1.0E+00	1.3E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10	3.7E-01	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10
213	8.7E-01	1.3E-04	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	3.3E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
214	7.3E-01	1.3E-04	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	2.9E-01	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10
215	6.4E-01	1.3E-04	1.0E-03	4.6E-08	1.6E-01	1.4E-02	1.0E-10	2.6E-01	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
216	5.5E-01	1.3E-04	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.5E-11	2.3E-01	3.4E-04	1.0E-03	8.2E-08	1.6E-01	1.4E-02	1.8E-10
217	4.7E-01	1.3E-04	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	2.1E-01	3.4E-04	1.0E-03	7.4E-08	1.6E-01	1.4E-02	1.6E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	3.8E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11	1.7E-01	3.4E-04	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10
219	3.0E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11	1.4E-01	3.4E-04	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
220	3.3E-01	1.3E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11	3.1E-01	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
221	3.9E-01	1.3E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.7E-11	3.4E-01	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
222	5.8E-01	1.3E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11	2.5E-01	3.4E-04	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10
223	5.1E-01	1.3E-04	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	2.2E-01	3.4E-04	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.8E-10
224	4.6E-01	1.3E-04	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	2.0E-01	3.4E-04	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
225	4.0E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11	1.8E-01	3.4E-04	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
226	3.5E-01	1.3E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11	1.6E-01	3.4E-04	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10
227	3.0E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	2.8E-01	3.4E-04	1.0E-03	9.8E-08	1.6E-01	1.4E-02	2.2E-10
228	3.4E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.5E-11	2.6E-01	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
229	3.9E-01	1.3E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	2.8E-01	3.4E-04	1.0E-03	9.9E-08	1.6E-01	1.4E-02	2.2E-10
230	6.1E-01	1.3E-04	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11	2.6E-01	3.4E-04	1.0E-03	9.3E-08	1.6E-01	1.4E-02	2.1E-10
231	5.5E-01	1.3E-04	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.7E-11	2.4E-01	3.4E-04	1.0E-03	8.5E-08	1.6E-01	1.4E-02	1.9E-10
232	4.3E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.7E-11	2.0E-01	3.4E-04	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.5E-10
233	3.8E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11	1.8E-01	3.4E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10
234	3.3E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
235	2.6E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11	2.2E-01	3.4E-04	1.0E-03	7.7E-08	1.6E-01	1.4E-02	1.7E-10
236	3.0E-01	1.3E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	2.3E-01	3.4E-04	1.0E-03	8.2E-08	1.6E-01	1.4E-02	1.8E-10
237	3.4E-01	1.3E-04	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.3E-11	2.4E-01	3.4E-04	1.0E-03	8.6E-08	1.6E-01	1.4E-02	1.9E-10
238	5.5E-01	1.3E-04	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.4E-11	2.4E-01	3.4E-04	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10
239	4.9E-01	1.3E-04	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11	2.2E-01	3.4E-04	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10
240	4.5E-01	1.3E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11	2.1E-01	3.4E-04	1.0E-03	7.4E-08	1.6E-01	1.4E-02	1.6E-10
241	4.1E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11	1.9E-01	3.4E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10
242	3.2E-01	1.3E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	1.6E-01	3.4E-04	1.0E-03	5.7E-08	1.6E-01	1.4E-02	1.3E-10
243	2.1E-01	1.3E-04	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	1.8E-01	3.4E-04	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
244	2.4E-01	1.3E-04	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.2E-11	2.0E-01	3.4E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
245	2.7E-01	1.3E-04	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	2.1E-01	3.4E-04	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
246	5.3E-01	1.3E-04	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.1E-11	2.4E-01	3.4E-04	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10
247	4.9E-01	1.3E-04	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11	2.3E-01	3.4E-04	1.0E-03	8.1E-08	1.6E-01	1.4E-02	1.8E-10
248	4.5E-01	1.3E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11	2.1E-01	3.4E-04	1.0E-03	7.5E-08	1.6E-01	1.4E-02	1.6E-10

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	4.1E-01	1.3E-04	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.1E-11	2.0E-01	3.4E-04	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.5E-10
250	3.8E-01	1.3E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.7E-11	1.8E-01	3.4E-04	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
251	3.4E-01	1.3E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	1.7E-01	3.4E-04	1.0E-03	6.0E-08	1.6E-01	1.4E-02	1.3E-10
252	3.1E-01	1.3E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	1.5E-01	3.4E-04	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
253	1.7E-01	1.3E-04	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	1.6E-01	3.4E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
254	1.9E-01	1.3E-04	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11	1.7E-01	3.4E-04	1.0E-03	5.9E-08	1.6E-01	1.4E-02	1.3E-10
255	2.2E-01	1.3E-04	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	1.8E-01	3.4E-04	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10
256	2.4E-01	1.3E-04	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	1.9E-01	3.4E-04	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
257	4.7E-01	1.3E-04	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	2.2E-01	3.4E-04	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10
258	4.4E-01	1.3E-04	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11	2.1E-01	3.4E-04	1.0E-03	7.5E-08	1.6E-01	1.4E-02	1.7E-10
259	4.1E-01	1.3E-04	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	2.0E-01	3.4E-04	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.6E-10
260	3.8E-01	1.3E-04	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.6E-11	1.9E-01	3.4E-04	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
261	3.5E-01	1.3E-04	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	1.7E-01	3.4E-04	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10
262	3.2E-01	1.3E-04	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.0E-11	1.6E-01	3.4E-04	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10
263	3.0E-01	1.3E-04	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	1.5E-01	3.4E-04	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
0	0.0E+00	1.3E-04	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00	0.0E+00	3.4E-04	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	2.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.7E-01	3.2E-05	6.6E-10	3.7E-15	9.3E+00	3.4E-04	1.2E-17
2	2.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E-01	3.2E-05	6.6E-10	3.8E-15	9.3E+00	3.4E-04	1.2E-17
3	2.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	3.9E-15	9.3E+00	3.4E-04	1.2E-17
4	3.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.0E-01	3.2E-05	6.6E-10	4.1E-15	9.3E+00	3.4E-04	1.3E-17
5	3.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E-01	3.2E-05	6.6E-10	4.3E-15	9.3E+00	3.4E-04	1.4E-17
6	3.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E-01	3.2E-05	6.6E-10	4.5E-15	9.3E+00	3.4E-04	1.4E-17
7	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.0E-01	3.2E-05	6.6E-10	2.2E-15	9.3E+00	3.4E-04	6.8E-18
8	1.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.2E-02	3.2E-05	6.6E-10	1.9E-15	9.3E+00	3.4E-04	6.1E-18
9	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.6E-02	3.2E-05	6.6E-10	1.8E-15	9.3E+00	3.4E-04	5.7E-18
10	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.8E-02	3.2E-05	6.6E-10	1.8E-15	9.3E+00	3.4E-04	5.8E-18
11	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.3E-02	3.2E-05	6.6E-10	1.7E-15	9.3E+00	3.4E-04	5.4E-18
12	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.4E-02	3.2E-05	6.6E-10	1.8E-15	9.3E+00	3.4E-04	5.5E-18
13	9.8E-02	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.9E-02	3.2E-05	6.6E-10	1.6E-15	9.3E+00	3.4E-04	5.2E-18
14	7.7E-02	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.4E-02	3.2E-05	6.6E-10	1.3E-15	9.3E+00	3.4E-04	4.2E-18
15	7.2E-02	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.1E-02	3.2E-05	6.6E-10	1.3E-15	9.3E+00	3.4E-04	4.0E-18
16	3.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.7E-15	9.3E+00	3.4E-04	1.5E-17
17	3.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.4E-01	3.2E-05	6.6E-10	4.9E-15	9.3E+00	3.4E-04	1.6E-17
18	4.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.5E-01	3.2E-05	6.6E-10	5.1E-15	9.3E+00	3.4E-04	1.6E-17
19	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.5E-15	9.3E+00	3.4E-04	7.9E-18
20	1.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E-01	3.2E-05	6.6E-10	2.3E-15	9.3E+00	3.4E-04	7.2E-18
21	1.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.0E-01	3.2E-05	6.6E-10	2.2E-15	9.3E+00	3.4E-04	6.8E-18
22	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.9E-02	3.2E-05	6.6E-10	2.1E-15	9.3E+00	3.4E-04	6.5E-18
23	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.0E-01	3.2E-05	6.6E-10	2.1E-15	9.3E+00	3.4E-04	6.7E-18
24	1.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.9E-02	3.2E-05	6.6E-10	2.1E-15	9.3E+00	3.4E-04	6.5E-18
25	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.4E-02	3.2E-05	6.6E-10	2.0E-15	9.3E+00	3.4E-04	6.2E-18
26	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.8E-02	3.2E-05	6.6E-10	1.8E-15	9.3E+00	3.4E-04	5.8E-18
27	1.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.2E-02	3.2E-05	6.6E-10	1.7E-15	9.3E+00	3.4E-04	5.4E-18
28	7.8E-02	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.6E-02	3.2E-05	6.6E-10	1.4E-15	9.3E+00	3.4E-04	4.4E-18
29	4.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.6E-01	3.2E-05	6.6E-10	5.5E-15	9.3E+00	3.4E-04	1.7E-17
30	4.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E-01	3.2E-05	6.6E-10	5.7E-15	9.3E+00	3.4E-04	1.8E-17
31	5.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.0E-01	3.2E-05	6.6E-10	6.3E-15	9.3E+00	3.4E-04	2.0E-17

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	5.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.1E-01	3.2E-05	6.6E-10	6.4E-15	9.3E+00	3.4E-04	2.0E-17
33	1.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E-01	3.2E-05	6.6E-10	2.7E-15	9.3E+00	3.4E-04	8.6E-18
34	1.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E-01	3.2E-05	6.6E-10	2.7E-15	9.3E+00	3.4E-04	8.6E-18
35	1.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E-01	3.2E-05	6.6E-10	2.7E-15	9.3E+00	3.4E-04	8.5E-18
36	1.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.5E-15	9.3E+00	3.4E-04	8.0E-18
37	1.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E-01	3.2E-05	6.6E-10	2.3E-15	9.3E+00	3.4E-04	7.4E-18
38	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.0E-01	3.2E-05	6.6E-10	2.2E-15	9.3E+00	3.4E-04	6.9E-18
39	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.6E-02	3.2E-05	6.6E-10	2.0E-15	9.3E+00	3.4E-04	6.3E-18
40	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.0E-02	3.2E-05	6.6E-10	1.9E-15	9.3E+00	3.4E-04	5.9E-18
41	1.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.4E-02	3.2E-05	6.6E-10	1.7E-15	9.3E+00	3.4E-04	5.5E-18
42	9.0E-02	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.7E-02	3.2E-05	6.6E-10	1.6E-15	9.3E+00	3.4E-04	5.1E-18
43	5.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.1E-01	3.2E-05	6.6E-10	6.4E-15	9.3E+00	3.4E-04	2.0E-17
44	6.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.2E-01	3.2E-05	6.6E-10	6.7E-15	9.3E+00	3.4E-04	2.1E-17
45	6.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.4E-01	3.2E-05	6.6E-10	7.1E-15	9.3E+00	3.4E-04	2.2E-17
46	6.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.3E-15	9.3E+00	3.4E-04	2.3E-17
47	2.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.5E-01	3.2E-05	6.6E-10	3.2E-15	9.3E+00	3.4E-04	1.0E-17
48	2.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.5E-01	3.2E-05	6.6E-10	3.2E-15	9.3E+00	3.4E-04	1.0E-17
49	2.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E-01	3.2E-05	6.6E-10	3.0E-15	9.3E+00	3.4E-04	9.4E-18
50	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.5E-15	9.3E+00	3.4E-04	7.9E-18
51	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.5E-15	9.3E+00	3.4E-04	7.9E-18
52	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E-01	3.2E-05	6.6E-10	2.4E-15	9.3E+00	3.4E-04	7.4E-18
53	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.8E-02	3.2E-05	6.6E-10	2.1E-15	9.3E+00	3.4E-04	6.5E-18
54	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.2E-02	3.2E-05	6.6E-10	1.9E-15	9.3E+00	3.4E-04	6.0E-18
55	1.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.6E-02	3.2E-05	6.6E-10	1.8E-15	9.3E+00	3.4E-04	5.7E-18
56	6.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.2E-15	9.3E+00	3.4E-04	2.3E-17
57	7.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.7E-01	3.2E-05	6.6E-10	7.6E-15	9.3E+00	3.4E-04	2.4E-17
58	7.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.8E-01	3.2E-05	6.6E-10	7.9E-15	9.3E+00	3.4E-04	2.5E-17
59	8.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.0E-01	3.2E-05	6.6E-10	8.4E-15	9.3E+00	3.4E-04	2.7E-17
60	8.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E-01	3.2E-05	6.6E-10	8.7E-15	9.3E+00	3.4E-04	2.7E-17
61	7.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.3E-01	3.2E-05	6.6E-10	9.0E-15	9.3E+00	3.4E-04	2.8E-17
62	3.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.2E-01	3.2E-05	6.6E-10	4.5E-15	9.3E+00	3.4E-04	1.4E-17

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	2.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	3.9E-15	9.3E+00	3.4E-04	1.2E-17
64	2.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	3.9E-15	9.3E+00	3.4E-04	1.2E-17
65	2.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E-01	3.2E-05	6.6E-10	3.4E-15	9.3E+00	3.4E-04	1.1E-17
66	1.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E-01	3.2E-05	6.6E-10	2.9E-15	9.3E+00	3.4E-04	9.1E-18
67	1.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E-01	3.2E-05	6.6E-10	2.8E-15	9.3E+00	3.4E-04	8.9E-18
68	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.5E-15	9.3E+00	3.4E-04	7.9E-18
69	1.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E-01	3.2E-05	6.6E-10	2.2E-15	9.3E+00	3.4E-04	6.9E-18
70	1.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.5E-02	3.2E-05	6.6E-10	2.0E-15	9.3E+00	3.4E-04	6.3E-18
71	9.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E-01	3.2E-05	6.6E-10	8.7E-15	9.3E+00	3.4E-04	2.8E-17
72	1.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.4E-01	3.2E-05	6.6E-10	9.3E-15	9.3E+00	3.4E-04	2.9E-17
73	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.7E-01	3.2E-05	6.6E-10	9.8E-15	9.3E+00	3.4E-04	3.1E-17
74	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.9E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.2E-17
75	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.0E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.3E-17
76	9.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.1E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17
77	7.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.0E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.3E-17
78	5.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.4E-01	3.2E-05	6.6E-10	7.1E-15	9.3E+00	3.4E-04	2.2E-17
79	3.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.4E-01	3.2E-05	6.6E-10	5.0E-15	9.3E+00	3.4E-04	1.6E-17
80	3.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.8E-15	9.3E+00	3.4E-04	1.5E-17
81	2.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.0E-01	3.2E-05	6.6E-10	4.3E-15	9.3E+00	3.4E-04	1.3E-17
82	2.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.7E-01	3.2E-05	6.6E-10	3.6E-15	9.3E+00	3.4E-04	1.1E-17
83	1.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E-01	3.2E-05	6.6E-10	3.3E-15	9.3E+00	3.4E-04	1.0E-17
84	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E-01	3.2E-05	6.6E-10	2.9E-15	9.3E+00	3.4E-04	9.2E-18
85	1.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E-01	3.2E-05	6.6E-10	2.7E-15	9.3E+00	3.4E-04	8.4E-18
86	1.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E-01	3.2E-05	6.6E-10	2.4E-15	9.3E+00	3.4E-04	7.7E-18
87	1.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.8E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.2E-17
88	1.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.2E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17
89	1.5E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.5E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.6E-17
90	1.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.4E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.6E-17
91	1.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.0E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.0E-17
92	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.1E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.0E-17
93	8.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.4E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.6E-17

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	6.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.3E-01	3.2E-05	6.6E-10	9.0E-15	9.3E+00	3.4E-04	2.8E-17
95	4.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.3E-01	3.2E-05	6.6E-10	6.8E-15	9.3E+00	3.4E-04	2.2E-17
96	3.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.8E-01	3.2E-05	6.6E-10	5.8E-15	9.3E+00	3.4E-04	1.8E-17
97	3.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.9E-15	9.3E+00	3.4E-04	1.5E-17
98	2.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E-01	3.2E-05	6.6E-10	4.3E-15	9.3E+00	3.4E-04	1.4E-17
99	2.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E-01	3.2E-05	6.6E-10	3.7E-15	9.3E+00	3.4E-04	1.2E-17
100	1.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E-01	3.2E-05	6.6E-10	3.3E-15	9.3E+00	3.4E-04	1.0E-17
101	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E-01	3.2E-05	6.6E-10	3.0E-15	9.3E+00	3.4E-04	9.4E-18
102	1.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E-01	3.2E-05	6.6E-10	2.7E-15	9.3E+00	3.4E-04	8.5E-18
103	2.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.1E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.0E-17
104	2.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.6E-01	3.2E-05	6.6E-10	1.4E-14	9.3E+00	3.4E-04	4.4E-17
105	2.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.1E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.7E-17
106	2.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.4E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.9E-17
107	1.8E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.7E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.1E-17
108	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.8E-01	3.2E-05	6.6E-10	1.4E-14	9.3E+00	3.4E-04	4.5E-17
109	8.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.1E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17
110	7.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.0E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.3E-17
111	7.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.4E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.6E-17
112	4.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.7E-01	3.2E-05	6.6E-10	7.7E-15	9.3E+00	3.4E-04	2.4E-17
113	4.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.3E-15	9.3E+00	3.4E-04	2.3E-17
114	3.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.9E-01	3.2E-05	6.6E-10	6.1E-15	9.3E+00	3.4E-04	1.9E-17
115	2.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.8E-15	9.3E+00	3.4E-04	1.5E-17
116	2.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	3.9E-15	9.3E+00	3.4E-04	1.2E-17
117	1.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.5E-01	3.2E-05	6.6E-10	3.2E-15	9.3E+00	3.4E-04	1.0E-17
118	3.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.3E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.8E-17
119	4.7E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.9E-01	3.2E-05	6.6E-10	1.7E-14	9.3E+00	3.4E-04	5.2E-17
120	3.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.7E-01	3.2E-05	6.6E-10	1.8E-14	9.3E+00	3.4E-04	5.7E-17
121	3.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.4E-01	3.2E-05	6.6E-10	2.0E-14	9.3E+00	3.4E-04	6.2E-17
122	2.5E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.7E-01	3.2E-05	6.6E-10	2.0E-14	9.3E+00	3.4E-04	6.4E-17
123	2.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.8E-01	3.2E-05	6.6E-10	2.0E-14	9.3E+00	3.4E-04	6.5E-17
124	1.6E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.5E-01	3.2E-05	6.6E-10	2.0E-14	9.3E+00	3.4E-04	6.3E-17

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.4E-01	3.2E-05	6.6E-10	1.8E-14	9.3E+00	3.4E-04	5.5E-17
126	9.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.3E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.8E-17
127	7.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.7E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.8E-17
128	5.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.9E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.2E-17
129	4.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.8E-01	3.2E-05	6.6E-10	8.0E-15	9.3E+00	3.4E-04	2.5E-17
130	3.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.9E-01	3.2E-05	6.6E-10	6.2E-15	9.3E+00	3.4E-04	1.9E-17
131	2.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.2E-01	3.2E-05	6.6E-10	4.5E-15	9.3E+00	3.4E-04	1.4E-17
132	1.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	4.1E-15	9.3E+00	3.4E-04	1.3E-17
133	9.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.5E-01	3.2E-05	6.6E-10	1.4E-14	9.3E+00	3.4E-04	4.3E-17
134	1.5E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E+00	3.2E-05	6.6E-10	2.4E-14	9.3E+00	3.4E-04	7.4E-17
135	8.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E+00	3.2E-05	6.6E-10	2.3E-14	9.3E+00	3.4E-04	7.3E-17
136	5.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E+00	3.2E-05	6.6E-10	2.5E-14	9.3E+00	3.4E-04	7.9E-17
137	3.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.7E-14	9.3E+00	3.4E-04	8.5E-17
138	3.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.7E-14	9.3E+00	3.4E-04	8.6E-17
139	2.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.7E-14	9.3E+00	3.4E-04	8.4E-17
140	1.6E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E+00	3.2E-05	6.6E-10	2.4E-14	9.3E+00	3.4E-04	7.6E-17
141	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.3E-01	3.2E-05	6.6E-10	1.9E-14	9.3E+00	3.4E-04	6.1E-17
142	8.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.6E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.0E-17
143	6.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.1E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.0E-17
144	4.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.1E-01	3.2E-05	6.6E-10	8.5E-15	9.3E+00	3.4E-04	2.7E-17
145	3.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.3E-01	3.2E-05	6.6E-10	6.9E-15	9.3E+00	3.4E-04	2.2E-17
146	2.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.6E-01	3.2E-05	6.6E-10	5.5E-15	9.3E+00	3.4E-04	1.7E-17
147	2.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E-01	3.2E-05	6.6E-10	4.4E-15	9.3E+00	3.4E-04	1.4E-17
148	6.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.3E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.5E-17
149	8.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.4E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.2E-17
150	1.3E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.7E-14	9.3E+00	3.4E-04	8.6E-17
151	1.9E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E+00	3.2E-05	6.6E-10	3.0E-14	9.3E+00	3.4E-04	9.5E-17
152	9.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E+00	3.2E-05	6.6E-10	3.4E-14	9.3E+00	3.4E-04	1.1E-16
153	6.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.7E+00	3.2E-05	6.6E-10	3.6E-14	9.3E+00	3.4E-04	1.1E-16
154	4.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E+00	3.2E-05	6.6E-10	3.8E-14	9.3E+00	3.4E-04	1.2E-16
155	3.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E+00	3.2E-05	6.6E-10	3.7E-14	9.3E+00	3.4E-04	1.2E-16

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	2.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E+00	3.2E-05	6.6E-10	3.4E-14	9.3E+00	3.4E-04	1.1E-16
157	1.6E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.7E-14	9.3E+00	3.4E-04	8.5E-17
158	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.5E-01	3.2E-05	6.6E-10	2.0E-14	9.3E+00	3.4E-04	6.3E-17
159	8.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.7E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.1E-17
160	4.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.9E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.2E-17
161	3.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.2E-15	9.3E+00	3.4E-04	2.3E-17
162	2.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.8E-01	3.2E-05	6.6E-10	5.9E-15	9.3E+00	3.4E-04	1.8E-17
163	2.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.7E-15	9.3E+00	3.4E-04	1.5E-17
164	6.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.1E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.3E-17
165	8.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.2E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.1E-17
166	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.8E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.1E-17
167	1.6E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.0E+00	3.2E-05	6.6E-10	4.1E-14	9.3E+00	3.4E-04	1.3E-16
168	2.5E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E+00	3.2E-05	6.6E-10	4.8E-14	9.3E+00	3.4E-04	1.5E-16
169	1.3E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.6E+00	3.2E-05	6.6E-10	5.4E-14	9.3E+00	3.4E-04	1.7E-16
170	7.8E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E+00	3.2E-05	6.6E-10	5.7E-14	9.3E+00	3.4E-04	1.8E-16
171	4.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E+00	3.2E-05	6.6E-10	5.6E-14	9.3E+00	3.4E-04	1.8E-16
172	3.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E+00	3.2E-05	6.6E-10	4.8E-14	9.3E+00	3.4E-04	1.5E-16
173	1.8E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E+00	3.2E-05	6.6E-10	3.3E-14	9.3E+00	3.4E-04	1.0E-16
174	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E+00	3.2E-05	6.6E-10	2.2E-14	9.3E+00	3.4E-04	7.0E-17
175	7.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.0E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.6E-17
176	5.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.8E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.8E-17
177	4.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.6E-01	3.2E-05	6.6E-10	9.6E-15	9.3E+00	3.4E-04	3.0E-17
178	3.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.1E-01	3.2E-05	6.6E-10	8.6E-15	9.3E+00	3.4E-04	2.7E-17
179	2.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.6E-01	3.2E-05	6.6E-10	5.4E-15	9.3E+00	3.4E-04	1.7E-17
180	4.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.8E-01	3.2E-05	6.6E-10	7.8E-15	9.3E+00	3.4E-04	2.5E-17
181	6.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.9E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.2E-17
182	7.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.9E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.9E-17
183	1.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.5E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.0E-17
184	2.4E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E+00	3.2E-05	6.6E-10	8.7E-14	9.3E+00	3.4E-04	2.7E-16
185	1.7E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.6E+00	3.2E-05	6.6E-10	9.5E-14	9.3E+00	3.4E-04	3.0E-16
186	8.5E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.5E+00	3.2E-05	6.6E-10	9.3E-14	9.3E+00	3.4E-04	2.9E-16

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	4.8E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.6E+00	3.2E-05	6.6E-10	7.6E-14	9.3E+00	3.4E-04	2.4E-16
188	2.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.2E+00	3.2E-05	6.6E-10	4.7E-14	9.3E+00	3.4E-04	1.5E-16
189	1.7E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.7E+00	3.2E-05	6.6E-10	3.5E-14	9.3E+00	3.4E-04	1.1E-16
190	8.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.6E-01	3.2E-05	6.6E-10	1.8E-14	9.3E+00	3.4E-04	5.7E-17
191	6.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.9E-01	3.2E-05	6.6E-10	1.4E-14	9.3E+00	3.4E-04	4.5E-17
192	4.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.9E-01	3.2E-05	6.6E-10	1.0E-14	9.3E+00	3.4E-04	3.3E-17
193	3.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.0E-01	3.2E-05	6.6E-10	8.3E-15	9.3E+00	3.4E-04	2.6E-17
194	2.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.0E-01	3.2E-05	6.6E-10	6.4E-15	9.3E+00	3.4E-04	2.0E-17
195	4.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.8E-01	3.2E-05	6.6E-10	7.9E-15	9.3E+00	3.4E-04	2.5E-17
196	5.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.6E-01	3.2E-05	6.6E-10	9.7E-15	9.3E+00	3.4E-04	3.1E-17
197	7.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.7E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.7E-17
198	1.5E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.1E+00	3.2E-05	6.6E-10	1.9E-13	9.3E+00	3.4E-04	6.0E-16
199	1.9E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.9E+00	3.2E-05	6.6E-10	1.9E-13	9.3E+00	3.4E-04	5.9E-16
200	7.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.6E+00	3.2E-05	6.6E-10	1.4E-13	9.3E+00	3.4E-04	4.4E-16
201	3.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.3E+00	3.2E-05	6.6E-10	7.0E-14	9.3E+00	3.4E-04	2.2E-16
202	2.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.2E+00	3.2E-05	6.6E-10	4.7E-14	9.3E+00	3.4E-04	1.5E-16
203	1.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.6E+00	3.2E-05	6.6E-10	3.2E-14	9.3E+00	3.4E-04	1.0E-16
204	7.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.1E-01	3.2E-05	6.6E-10	1.7E-14	9.3E+00	3.4E-04	5.3E-17
205	6.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.6E-01	3.2E-05	6.6E-10	1.4E-14	9.3E+00	3.4E-04	4.4E-17
206	4.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E-01	3.2E-05	6.6E-10	8.7E-15	9.3E+00	3.4E-04	2.8E-17
207	3.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.4E-01	3.2E-05	6.6E-10	7.1E-15	9.3E+00	3.4E-04	2.2E-17
208	4.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.6E-01	3.2E-05	6.6E-10	7.6E-15	9.3E+00	3.4E-04	2.4E-17
209	5.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.4E-01	3.2E-05	6.6E-10	9.1E-15	9.3E+00	3.4E-04	2.9E-17
210	6.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.4E-01	3.2E-05	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.5E-17
211	1.8E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.1E+00	3.2E-05	6.6E-10	1.5E-13	9.3E+00	3.4E-04	4.6E-16
212	1.4E+01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.5E+01	3.2E-05	6.6E-10	3.2E-13	9.3E+00	3.4E-04	1.0E-15
213	5.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.0E+00	3.2E-05	6.6E-10	1.3E-13	9.3E+00	3.4E-04	4.0E-16
214	2.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.8E+00	3.2E-05	6.6E-10	5.9E-14	9.3E+00	3.4E-04	1.9E-16
215	1.6E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E+00	3.2E-05	6.6E-10	3.9E-14	9.3E+00	3.4E-04	1.2E-16
216	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.6E-14	9.3E+00	3.4E-04	8.3E-17
217	8.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.2E-01	3.2E-05	6.6E-10	1.9E-14	9.3E+00	3.4E-04	6.1E-17

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	5.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.6E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.7E-17
219	3.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.6E-01	3.2E-05	6.6E-10	7.6E-15	9.3E+00	3.4E-04	2.4E-17
220	3.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.3E-15	9.3E+00	3.4E-04	2.3E-17
221	4.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E-01	3.2E-05	6.6E-10	8.8E-15	9.3E+00	3.4E-04	2.8E-17
222	1.7E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E+00	3.2E-05	6.6E-10	4.5E-14	9.3E+00	3.4E-04	1.4E-16
223	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E+00	3.2E-05	6.6E-10	3.0E-14	9.3E+00	3.4E-04	9.4E-17
224	9.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.1E+00	3.2E-05	6.6E-10	2.2E-14	9.3E+00	3.4E-04	7.0E-17
225	7.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.9E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.2E-17
226	5.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.8E-01	3.2E-05	6.6E-10	1.2E-14	9.3E+00	3.4E-04	3.8E-17
227	3.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.4E-01	3.2E-05	6.6E-10	7.1E-15	9.3E+00	3.4E-04	2.2E-17
228	4.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.6E-01	3.2E-05	6.6E-10	7.5E-15	9.3E+00	3.4E-04	2.4E-17
229	5.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.6E-01	3.2E-05	6.6E-10	9.6E-15	9.3E+00	3.4E-04	3.0E-17
230	2.8E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.4E+00	3.2E-05	6.6E-10	9.3E-14	9.3E+00	3.4E-04	2.9E-16
231	1.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E+00	3.2E-05	6.6E-10	5.6E-14	9.3E+00	3.4E-04	1.8E-16
232	9.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.2E+00	3.2E-05	6.6E-10	2.5E-14	9.3E+00	3.4E-04	7.8E-17
233	7.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.4E-01	3.2E-05	6.6E-10	1.8E-14	9.3E+00	3.4E-04	5.5E-17
234	5.5E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	6.2E-01	3.2E-05	6.6E-10	1.3E-14	9.3E+00	3.4E-04	4.1E-17
235	3.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.8E-01	3.2E-05	6.6E-10	5.9E-15	9.3E+00	3.4E-04	1.9E-17
236	3.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.5E-01	3.2E-05	6.6E-10	7.3E-15	9.3E+00	3.4E-04	2.3E-17
237	4.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.3E-01	3.2E-05	6.6E-10	9.1E-15	9.3E+00	3.4E-04	2.9E-17
238	2.4E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	4.2E+00	3.2E-05	6.6E-10	8.8E-14	9.3E+00	3.4E-04	2.8E-16
239	1.7E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E+00	3.2E-05	6.6E-10	5.6E-14	9.3E+00	3.4E-04	1.8E-16
240	1.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E+00	3.2E-05	6.6E-10	3.8E-14	9.3E+00	3.4E-04	1.2E-16
241	1.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.8E-14	9.3E+00	3.4E-04	8.7E-17
242	6.0E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.1E-01	3.2E-05	6.6E-10	1.5E-14	9.3E+00	3.4E-04	4.7E-17
243	2.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.3E-01	3.2E-05	6.6E-10	4.7E-15	9.3E+00	3.4E-04	1.5E-17
244	2.8E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.7E-01	3.2E-05	6.6E-10	5.7E-15	9.3E+00	3.4E-04	1.8E-17
245	3.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.3E-01	3.2E-05	6.6E-10	6.9E-15	9.3E+00	3.4E-04	2.2E-17
246	2.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	5.0E+00	3.2E-05	6.6E-10	1.0E-13	9.3E+00	3.4E-04	3.3E-16
247	1.9E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.6E+00	3.2E-05	6.6E-10	7.4E-14	9.3E+00	3.4E-04	2.3E-16
248	1.5E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.5E+00	3.2E-05	6.6E-10	5.3E-14	9.3E+00	3.4E-04	1.7E-16

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	1.2E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.8E+00	3.2E-05	6.6E-10	3.8E-14	9.3E+00	3.4E-04	1.2E-16
250	9.7E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.4E+00	3.2E-05	6.6E-10	2.8E-14	9.3E+00	3.4E-04	8.9E-17
251	7.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	9.9E-01	3.2E-05	6.6E-10	2.1E-14	9.3E+00	3.4E-04	6.6E-17
252	6.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	7.6E-01	3.2E-05	6.6E-10	1.6E-14	9.3E+00	3.4E-04	5.0E-17
253	1.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.9E-01	3.2E-05	6.6E-10	3.9E-15	9.3E+00	3.4E-04	1.2E-17
254	2.2E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.1E-01	3.2E-05	6.6E-10	4.5E-15	9.3E+00	3.4E-04	1.4E-17
255	2.6E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.6E-01	3.2E-05	6.6E-10	5.4E-15	9.3E+00	3.4E-04	1.7E-17
256	3.1E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.1E-01	3.2E-05	6.6E-10	6.5E-15	9.3E+00	3.4E-04	2.1E-17
257	1.7E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	3.7E+00	3.2E-05	6.6E-10	7.7E-14	9.3E+00	3.4E-04	2.4E-16
258	1.5E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.9E+00	3.2E-05	6.6E-10	6.1E-14	9.3E+00	3.4E-04	1.9E-16
259	1.3E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	2.2E+00	3.2E-05	6.6E-10	4.6E-14	9.3E+00	3.4E-04	1.5E-16
260	1.1E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.7E+00	3.2E-05	6.6E-10	3.6E-14	9.3E+00	3.4E-04	1.1E-16
261	8.9E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.3E+00	3.2E-05	6.6E-10	2.8E-14	9.3E+00	3.4E-04	8.7E-17
262	7.4E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	1.0E+00	3.2E-05	6.6E-10	2.2E-14	9.3E+00	3.4E-04	6.8E-17
263	6.3E-01	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	8.3E-01	3.2E-05	6.6E-10	1.7E-14	9.3E+00	3.4E-04	5.5E-17
0	0.0E+00	1.1E-04	6.6E-10	1.1E-14	9.3E+00	3.4E-04	3.4E-17	0.0E+00	3.2E-05	6.6E-10	0.0E+00	9.3E+00	3.4E-04	0.0E+00

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
1	1.7E-01	6.2E-05	9.3E+00	3.8E-13	1.0E-03	3.3E-06	1.3E-21	1.9E-02	5	3.2E-03
2	1.8E-01	6.2E-05	9.3E+00	6.2E-13	1.0E-03	3.3E-06	2.1E-21	2.8E-02	5	4.6E-03
3	1.8E-01	6.2E-05	9.3E+00	1.3E-12	1.0E-03	3.3E-06	4.3E-21	5.3E-02	5	8.8E-03
4	1.9E-01	6.2E-05	9.3E+00	6.3E-13	1.0E-03	3.3E-06	2.2E-21	2.8E-02	5	4.7E-03
5	2.0E-01	6.2E-05	9.3E+00	1.2E-12	1.0E-03	3.3E-06	4.3E-21	5.3E-02	5	8.9E-03
6	2.1E-01	6.2E-05	9.3E+00	3.5E-12	1.0E-03	3.3E-06	1.2E-20	1.4E-01	5	2.4E-02
7	8.5E-02	6.2E-05	9.3E+00	1.7E-13	1.0E-03	3.3E-06	5.8E-22	7.1E-03	5	1.2E-03
8	8.0E-02	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.1E-22	5.0E-03	5	8.3E-04
9	7.8E-02	6.2E-05	9.3E+00	8.8E-14	1.0E-03	3.3E-06	3.0E-22	3.7E-03	5	6.2E-04
10	8.2E-02	6.2E-05	9.3E+00	7.1E-14	1.0E-03	3.3E-06	2.5E-22	3.0E-03	5	5.1E-04
11	7.8E-02	6.2E-05	9.3E+00	4.6E-14	1.0E-03	3.3E-06	1.6E-22	1.9E-03	5	3.2E-04
12	7.8E-02	6.2E-05	9.3E+00	3.9E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
13	7.2E-02	6.2E-05	9.3E+00	3.2E-14	1.0E-03	3.3E-06	1.1E-22	1.4E-03	5	2.3E-04
14	5.6E-02	6.2E-05	9.3E+00	2.1E-14	1.0E-03	3.3E-06	7.4E-23	9.2E-04	5	1.5E-04
15	5.4E-02	6.2E-05	9.3E+00	1.9E-14	1.0E-03	3.3E-06	6.5E-23	8.1E-04	5	1.4E-04
16	2.2E-01	6.2E-05	9.3E+00	9.5E-13	1.0E-03	3.3E-06	3.3E-21	4.1E-02	5	6.9E-03
17	2.3E-01	6.2E-05	9.3E+00	1.8E-12	1.0E-03	3.3E-06	6.3E-21	7.8E-02	5	1.3E-02
18	2.3E-01	6.2E-05	9.3E+00	4.2E-12	1.0E-03	3.3E-06	1.4E-20	1.7E-01	5	2.9E-02
19	9.8E-02	6.2E-05	9.3E+00	2.2E-13	1.0E-03	3.3E-06	7.5E-22	9.1E-03	5	1.5E-03
20	9.3E-02	6.2E-05	9.3E+00	1.5E-13	1.0E-03	3.3E-06	5.1E-22	6.2E-03	5	1.0E-03
21	9.3E-02	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.7E-22	4.6E-03	5	7.7E-04
22	9.2E-02	6.2E-05	9.3E+00	8.2E-14	1.0E-03	3.3E-06	2.8E-22	3.5E-03	5	5.8E-04
23	9.5E-02	6.2E-05	9.3E+00	6.6E-14	1.0E-03	3.3E-06	2.3E-22	2.8E-03	5	4.7E-04
24	9.2E-02	6.2E-05	9.3E+00	5.3E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.8E-04
25	8.6E-02	6.2E-05	9.3E+00	4.3E-14	1.0E-03	3.3E-06	1.5E-22	1.8E-03	5	3.1E-04
26	7.9E-02	6.2E-05	9.3E+00	3.5E-14	1.0E-03	3.3E-06	1.2E-22	1.5E-03	5	2.5E-04
27	7.3E-02	6.2E-05	9.3E+00	2.9E-14	1.0E-03	3.3E-06	1.0E-22	1.3E-03	5	2.1E-04
28	5.8E-02	6.2E-05	9.3E+00	2.0E-14	1.0E-03	3.3E-06	7.0E-23	8.7E-04	5	1.5E-04
29	2.5E-01	6.2E-05	9.3E+00	1.2E-12	1.0E-03	3.3E-06	4.1E-21	5.2E-02	5	8.7E-03
30	2.6E-01	6.2E-05	9.3E+00	2.2E-12	1.0E-03	3.3E-06	7.5E-21	9.1E-02	5	1.5E-02
31	2.8E-01	6.2E-05	9.3E+00	5.9E-12	1.0E-03	3.3E-06	2.0E-20	2.5E-01	5	4.1E-02

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
32	2.8E-01	6.2E-05	9.3E+00	3.7E-12	1.0E-03	3.3E-06	1.3E-20	1.5E-01	5	2.6E-02
33	1.1E-01	6.2E-05	9.3E+00	1.9E-13	1.0E-03	3.3E-06	6.4E-22	7.9E-03	5	1.3E-03
34	1.2E-01	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	4.7E-22	5.8E-03	5	9.7E-04
35	1.2E-01	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.6E-22	4.4E-03	5	7.4E-04
36	1.1E-01	6.2E-05	9.3E+00	7.9E-14	1.0E-03	3.3E-06	2.7E-22	3.4E-03	5	5.6E-04
37	1.0E-01	6.2E-05	9.3E+00	6.0E-14	1.0E-03	3.3E-06	2.1E-22	2.6E-03	5	4.3E-04
38	9.4E-02	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.6E-22	2.0E-03	5	3.4E-04
39	8.4E-02	6.2E-05	9.3E+00	3.8E-14	1.0E-03	3.3E-06	1.3E-22	1.6E-03	5	2.7E-04
40	7.9E-02	6.2E-05	9.3E+00	3.2E-14	1.0E-03	3.3E-06	1.1E-22	1.4E-03	5	2.3E-04
41	7.3E-02	6.2E-05	9.3E+00	2.7E-14	1.0E-03	3.3E-06	9.3E-23	1.2E-03	5	1.9E-04
42	6.7E-02	6.2E-05	9.3E+00	2.3E-14	1.0E-03	3.3E-06	7.9E-23	9.9E-04	5	1.6E-04
43	2.9E-01	6.2E-05	9.3E+00	1.2E-12	1.0E-03	3.3E-06	4.1E-21	5.2E-02	5	8.7E-03
44	3.0E-01	6.2E-05	9.3E+00	1.8E-12	1.0E-03	3.3E-06	6.1E-21	7.5E-02	5	1.2E-02
45	3.1E-01	6.2E-05	9.3E+00	2.1E-12	1.0E-03	3.3E-06	7.2E-21	9.0E-02	5	1.5E-02
46	3.2E-01	6.2E-05	9.3E+00	1.7E-12	1.0E-03	3.3E-06	6.0E-21	7.6E-02	5	1.3E-02
47	1.4E-01	6.2E-05	9.3E+00	1.6E-13	1.0E-03	3.3E-06	5.6E-22	6.9E-03	5	1.1E-03
48	1.4E-01	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.2E-22	5.2E-03	5	8.6E-04
49	1.3E-01	6.2E-05	9.3E+00	9.2E-14	1.0E-03	3.3E-06	3.2E-22	3.9E-03	5	6.5E-04
50	1.1E-01	6.2E-05	9.3E+00	6.6E-14	1.0E-03	3.3E-06	2.3E-22	2.8E-03	5	4.7E-04
51	1.1E-01	6.2E-05	9.3E+00	5.4E-14	1.0E-03	3.3E-06	1.9E-22	2.3E-03	5	3.8E-04
52	9.8E-02	6.2E-05	9.3E+00	4.3E-14	1.0E-03	3.3E-06	1.5E-22	1.9E-03	5	3.1E-04
53	8.5E-02	6.2E-05	9.3E+00	3.4E-14	1.0E-03	3.3E-06	1.2E-22	1.5E-03	5	2.5E-04
54	7.9E-02	6.2E-05	9.3E+00	2.9E-14	1.0E-03	3.3E-06	1.0E-22	1.3E-03	5	2.1E-04
55	7.4E-02	6.2E-05	9.3E+00	2.5E-14	1.0E-03	3.3E-06	8.6E-23	1.1E-03	5	1.8E-04
56	3.3E-01	6.2E-05	9.3E+00	7.4E-13	1.0E-03	3.3E-06	2.6E-21	3.3E-02	5	5.5E-03
57	3.5E-01	6.2E-05	9.3E+00	9.4E-13	1.0E-03	3.3E-06	3.3E-21	4.1E-02	5	6.9E-03
58	3.5E-01	6.2E-05	9.3E+00	1.0E-12	1.0E-03	3.3E-06	3.5E-21	4.5E-02	5	7.4E-03
59	3.7E-01	6.2E-05	9.3E+00	1.0E-12	1.0E-03	3.3E-06	3.5E-21	4.5E-02	5	7.6E-03
60	3.7E-01	6.2E-05	9.3E+00	8.3E-13	1.0E-03	3.3E-06	2.9E-21	3.8E-02	5	6.3E-03
61	3.8E-01	6.2E-05	9.3E+00	4.5E-13	1.0E-03	3.3E-06	1.6E-21	1.9E-02	5	3.2E-03
62	1.9E-01	6.2E-05	9.3E+00	1.9E-13	1.0E-03	3.3E-06	6.5E-22	8.0E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
63	1.7E-01	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	4.7E-22	5.9E-03	5	9.8E-04
64	1.7E-01	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.7E-22	4.6E-03	5	7.7E-04
65	1.4E-01	6.2E-05	9.3E+00	8.0E-14	1.0E-03	3.3E-06	2.7E-22	3.4E-03	5	5.7E-04
66	1.2E-01	6.2E-05	9.3E+00	6.0E-14	1.0E-03	3.3E-06	2.1E-22	2.6E-03	5	4.3E-04
67	1.2E-01	6.2E-05	9.3E+00	5.0E-14	1.0E-03	3.3E-06	1.7E-22	2.1E-03	5	3.6E-04
68	1.0E-01	6.2E-05	9.3E+00	4.0E-14	1.0E-03	3.3E-06	1.4E-22	1.7E-03	5	2.9E-04
69	9.0E-02	6.2E-05	9.3E+00	3.2E-14	1.0E-03	3.3E-06	1.1E-22	1.4E-03	5	2.3E-04
70	8.1E-02	6.2E-05	9.3E+00	2.7E-14	1.0E-03	3.3E-06	9.4E-23	1.2E-03	5	1.9E-04
71	4.0E-01	6.2E-05	9.3E+00	6.0E-13	1.0E-03	3.3E-06	2.1E-21	2.8E-02	5	4.7E-03
72	4.1E-01	6.2E-05	9.3E+00	6.6E-13	1.0E-03	3.3E-06	2.3E-21	3.0E-02	5	5.0E-03
73	4.3E-01	6.2E-05	9.3E+00	6.5E-13	1.0E-03	3.3E-06	2.3E-21	3.1E-02	5	5.1E-03
74	4.3E-01	6.2E-05	9.3E+00	5.8E-13	1.0E-03	3.3E-06	2.0E-21	2.8E-02	5	4.7E-03
75	4.4E-01	6.2E-05	9.3E+00	4.8E-13	1.0E-03	3.3E-06	1.7E-21	2.2E-02	5	3.7E-03
76	4.4E-01	6.2E-05	9.3E+00	3.8E-13	1.0E-03	3.3E-06	1.3E-21	1.7E-02	5	2.8E-03
77	4.3E-01	6.2E-05	9.3E+00	3.0E-13	1.0E-03	3.3E-06	1.0E-21	1.3E-02	5	2.1E-03
78	2.9E-01	6.2E-05	9.3E+00	2.1E-13	1.0E-03	3.3E-06	7.3E-22	9.0E-03	5	1.5E-03
79	2.1E-01	6.2E-05	9.3E+00	1.5E-13	1.0E-03	3.3E-06	5.1E-22	6.3E-03	5	1.0E-03
80	2.0E-01	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.0E-22	5.0E-03	5	8.3E-04
81	1.8E-01	6.2E-05	9.3E+00	9.0E-14	1.0E-03	3.3E-06	3.1E-22	3.8E-03	5	6.4E-04
82	1.5E-01	6.2E-05	9.3E+00	6.9E-14	1.0E-03	3.3E-06	2.4E-22	2.9E-03	5	4.9E-04
83	1.4E-01	6.2E-05	9.3E+00	5.6E-14	1.0E-03	3.3E-06	1.9E-22	2.4E-03	5	4.0E-04
84	1.2E-01	6.2E-05	9.3E+00	4.5E-14	1.0E-03	3.3E-06	1.5E-22	1.9E-03	5	3.2E-04
85	1.1E-01	6.2E-05	9.3E+00	3.7E-14	1.0E-03	3.3E-06	1.3E-22	1.6E-03	5	2.6E-04
86	9.9E-02	6.2E-05	9.3E+00	3.1E-14	1.0E-03	3.3E-06	1.1E-22	1.3E-03	5	2.2E-04
87	4.6E-01	6.2E-05	9.3E+00	4.2E-13	1.0E-03	3.3E-06	1.4E-21	2.1E-02	5	3.5E-03
88	4.8E-01	6.2E-05	9.3E+00	4.5E-13	1.0E-03	3.3E-06	1.6E-21	2.2E-02	5	3.7E-03
89	5.0E-01	6.2E-05	9.3E+00	4.5E-13	1.0E-03	3.3E-06	1.5E-21	2.4E-02	5	3.9E-03
90	4.8E-01	6.2E-05	9.3E+00	4.9E-13	1.0E-03	3.3E-06	1.7E-21	2.7E-02	5	4.5E-03
91	5.2E-01	6.2E-05	9.3E+00	3.7E-13	1.0E-03	3.3E-06	1.3E-21	1.8E-02	5	3.0E-03
92	5.2E-01	6.2E-05	9.3E+00	3.1E-13	1.0E-03	3.3E-06	1.1E-21	1.4E-02	5	2.3E-03
93	4.4E-01	6.2E-05	9.3E+00	2.5E-13	1.0E-03	3.3E-06	8.7E-22	1.1E-02	5	1.8E-03

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
94	3.6E-01	6.2E-05	9.3E+00	2.0E-13	1.0E-03	3.3E-06	6.8E-22	8.5E-03	5	1.4E-03
95	2.8E-01	6.2E-05	9.3E+00	1.5E-13	1.0E-03	3.3E-06	5.2E-22	6.5E-03	5	1.1E-03
96	2.4E-01	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.1E-22	5.0E-03	5	8.4E-04
97	2.0E-01	6.2E-05	9.3E+00	9.2E-14	1.0E-03	3.3E-06	3.2E-22	3.9E-03	5	6.5E-04
98	1.7E-01	6.2E-05	9.3E+00	7.3E-14	1.0E-03	3.3E-06	2.5E-22	3.1E-03	5	5.2E-04
99	1.5E-01	6.2E-05	9.3E+00	5.8E-14	1.0E-03	3.3E-06	2.0E-22	2.5E-03	5	4.2E-04
100	1.3E-01	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.6E-22	2.0E-03	5	3.4E-04
101	1.2E-01	6.2E-05	9.3E+00	4.0E-14	1.0E-03	3.3E-06	1.4E-22	1.7E-03	5	2.8E-04
102	1.1E-01	6.2E-05	9.3E+00	3.4E-14	1.0E-03	3.3E-06	1.2E-22	1.4E-03	5	2.4E-04
103	5.8E-01	6.2E-05	9.3E+00	3.3E-13	1.0E-03	3.3E-06	1.1E-21	1.9E-02	5	3.2E-03
104	6.0E-01	6.2E-05	9.3E+00	3.3E-13	1.0E-03	3.3E-06	1.1E-21	2.2E-02	5	3.6E-03
105	6.3E-01	6.2E-05	9.3E+00	3.2E-13	1.0E-03	3.3E-06	1.1E-21	1.7E-02	5	2.8E-03
106	6.4E-01	6.2E-05	9.3E+00	2.9E-13	1.0E-03	3.3E-06	1.0E-21	1.4E-02	5	2.3E-03
107	6.4E-01	6.2E-05	9.3E+00	2.6E-13	1.0E-03	3.3E-06	8.9E-22	1.2E-02	5	2.0E-03
108	5.4E-01	6.2E-05	9.3E+00	2.2E-13	1.0E-03	3.3E-06	7.4E-22	9.5E-03	5	1.6E-03
109	4.1E-01	6.2E-05	9.3E+00	1.7E-13	1.0E-03	3.3E-06	6.0E-22	7.6E-03	5	1.3E-03
110	4.1E-01	6.2E-05	9.3E+00	1.5E-13	1.0E-03	3.3E-06	5.2E-22	6.5E-03	5	1.1E-03
111	4.4E-01	6.2E-05	9.3E+00	1.3E-13	1.0E-03	3.3E-06	4.5E-22	5.7E-03	5	9.5E-04
112	3.0E-01	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.5E-22	4.4E-03	5	7.3E-04
113	2.8E-01	6.2E-05	9.3E+00	8.7E-14	1.0E-03	3.3E-06	3.0E-22	3.8E-03	5	6.3E-04
114	2.4E-01	6.2E-05	9.3E+00	7.2E-14	1.0E-03	3.3E-06	2.5E-22	3.1E-03	5	5.1E-04
115	1.9E-01	6.2E-05	9.3E+00	5.7E-14	1.0E-03	3.3E-06	2.0E-22	2.4E-03	5	4.1E-04
116	1.6E-01	6.2E-05	9.3E+00	4.6E-14	1.0E-03	3.3E-06	1.6E-22	2.0E-03	5	3.3E-04
117	1.3E-01	6.2E-05	9.3E+00	3.7E-14	1.0E-03	3.3E-06	1.3E-22	1.6E-03	5	2.7E-04
118	7.0E-01	6.2E-05	9.3E+00	2.5E-13	1.0E-03	3.3E-06	8.7E-22	1.4E-02	5	2.4E-03
119	7.4E-01	6.2E-05	9.3E+00	2.5E-13	1.0E-03	3.3E-06	8.7E-22	1.7E-02	5	2.8E-03
120	7.7E-01	6.2E-05	9.3E+00	2.5E-13	1.0E-03	3.3E-06	8.6E-22	1.4E-02	5	2.3E-03
121	7.9E-01	6.2E-05	9.3E+00	2.3E-13	1.0E-03	3.3E-06	8.1E-22	1.1E-02	5	1.9E-03
122	7.9E-01	6.2E-05	9.3E+00	2.1E-13	1.0E-03	3.3E-06	7.3E-22	9.8E-03	5	1.6E-03
123	7.8E-01	6.2E-05	9.3E+00	1.9E-13	1.0E-03	3.3E-06	6.5E-22	8.5E-03	5	1.4E-03
124	7.4E-01	6.2E-05	9.3E+00	1.7E-13	1.0E-03	3.3E-06	5.7E-22	7.3E-03	5	1.2E-03

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
125	6.6E-01	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	4.9E-22	6.3E-03	5	1.0E-03
126	5.7E-01	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.3E-22	5.4E-03	5	9.0E-04
127	4.5E-01	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.6E-22	4.5E-03	5	7.5E-04
128	3.8E-01	6.2E-05	9.3E+00	8.9E-14	1.0E-03	3.3E-06	3.1E-22	3.9E-03	5	6.4E-04
129	3.0E-01	6.2E-05	9.3E+00	7.5E-14	1.0E-03	3.3E-06	2.6E-22	3.2E-03	5	5.3E-04
130	2.4E-01	6.2E-05	9.3E+00	6.1E-14	1.0E-03	3.3E-06	2.1E-22	2.6E-03	5	4.4E-04
131	1.8E-01	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.7E-22	2.1E-03	5	3.4E-04
132	1.6E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
133	8.0E-01	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.1E-22	5.4E-03	5	9.0E-04
134	1.0E+00	6.2E-05	9.3E+00	1.8E-13	1.0E-03	3.3E-06	6.3E-22	1.3E-02	5	2.1E-03
135	9.8E-01	6.2E-05	9.3E+00	2.0E-13	1.0E-03	3.3E-06	6.9E-22	1.2E-02	5	2.0E-03
136	1.0E+00	6.2E-05	9.3E+00	1.9E-13	1.0E-03	3.3E-06	6.5E-22	9.5E-03	5	1.6E-03
137	1.0E+00	6.2E-05	9.3E+00	1.8E-13	1.0E-03	3.3E-06	6.1E-22	8.4E-03	5	1.4E-03
138	9.9E-01	6.2E-05	9.3E+00	1.6E-13	1.0E-03	3.3E-06	5.6E-22	7.5E-03	5	1.2E-03
139	9.3E-01	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	5.0E-22	6.6E-03	5	1.1E-03
140	8.4E-01	6.2E-05	9.3E+00	1.3E-13	1.0E-03	3.3E-06	4.4E-22	5.7E-03	5	9.5E-04
141	7.0E-01	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.9E-22	5.0E-03	5	8.3E-04
142	5.7E-01	6.2E-05	9.3E+00	9.8E-14	1.0E-03	3.3E-06	3.4E-22	4.3E-03	5	7.2E-04
143	4.6E-01	6.2E-05	9.3E+00	8.6E-14	1.0E-03	3.3E-06	3.0E-22	3.7E-03	5	6.2E-04
144	3.1E-01	6.2E-05	9.3E+00	7.0E-14	1.0E-03	3.3E-06	2.4E-22	3.0E-03	5	5.0E-04
145	2.6E-01	6.2E-05	9.3E+00	6.0E-14	1.0E-03	3.3E-06	2.1E-22	2.6E-03	5	4.3E-04
146	2.1E-01	6.2E-05	9.3E+00	5.0E-14	1.0E-03	3.3E-06	1.7E-22	2.2E-03	5	3.6E-04
147	1.7E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
148	7.1E-01	6.2E-05	9.3E+00	9.1E-14	1.0E-03	3.3E-06	3.1E-22	4.1E-03	5	6.8E-04
149	8.4E-01	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.6E-22	4.7E-03	5	7.8E-04
150	1.2E+00	6.2E-05	9.3E+00	1.6E-13	1.0E-03	3.3E-06	5.6E-22	1.0E-02	5	1.7E-03
151	1.3E+00	6.2E-05	9.3E+00	1.6E-13	1.0E-03	3.3E-06	5.6E-22	1.0E-02	5	1.7E-03
152	1.3E+00	6.2E-05	9.3E+00	1.6E-13	1.0E-03	3.3E-06	5.4E-22	8.5E-03	5	1.4E-03
153	1.3E+00	6.2E-05	9.3E+00	1.5E-13	1.0E-03	3.3E-06	5.1E-22	7.4E-03	5	1.2E-03
154	1.3E+00	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	4.8E-22	6.6E-03	5	1.1E-03
155	1.2E+00	6.2E-05	9.3E+00	1.3E-13	1.0E-03	3.3E-06	4.3E-22	5.9E-03	5	9.8E-04

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
156	1.1E+00	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.9E-22	5.2E-03	5	8.7E-04
157	9.1E-01	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.5E-22	4.6E-03	5	7.7E-04
158	6.8E-01	6.2E-05	9.3E+00	9.0E-14	1.0E-03	3.3E-06	3.1E-22	4.0E-03	5	6.7E-04
159	5.5E-01	6.2E-05	9.3E+00	8.1E-14	1.0E-03	3.3E-06	2.8E-22	3.5E-03	5	5.9E-04
160	3.6E-01	6.2E-05	9.3E+00	6.7E-14	1.0E-03	3.3E-06	2.3E-22	2.9E-03	5	4.8E-04
161	2.6E-01	6.2E-05	9.3E+00	5.5E-14	1.0E-03	3.3E-06	1.9E-22	2.4E-03	5	4.0E-04
162	2.2E-01	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.7E-22	2.1E-03	5	3.5E-04
163	1.8E-01	6.2E-05	9.3E+00	4.1E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
164	7.3E-01	6.2E-05	9.3E+00	8.0E-14	1.0E-03	3.3E-06	2.8E-22	3.6E-03	5	6.0E-04
165	8.8E-01	6.2E-05	9.3E+00	9.0E-14	1.0E-03	3.3E-06	3.1E-22	4.1E-03	5	6.8E-04
166	1.1E+00	6.2E-05	9.3E+00	9.9E-14	1.0E-03	3.3E-06	3.4E-22	4.5E-03	5	7.5E-04
167	1.8E+00	6.2E-05	9.3E+00	1.4E-13	1.0E-03	3.3E-06	4.7E-22	8.2E-03	5	1.4E-03
168	1.9E+00	6.2E-05	9.3E+00	1.3E-13	1.0E-03	3.3E-06	4.6E-22	8.8E-03	5	1.5E-03
169	1.9E+00	6.2E-05	9.3E+00	1.3E-13	1.0E-03	3.3E-06	4.4E-22	7.1E-03	5	1.2E-03
170	1.9E+00	6.2E-05	9.3E+00	1.2E-13	1.0E-03	3.3E-06	4.1E-22	6.2E-03	5	1.0E-03
171	1.7E+00	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.8E-22	5.4E-03	5	9.1E-04
172	1.4E+00	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.5E-22	4.8E-03	5	8.0E-04
173	1.0E+00	6.2E-05	9.3E+00	9.1E-14	1.0E-03	3.3E-06	3.1E-22	4.2E-03	5	6.9E-04
174	7.1E-01	6.2E-05	9.3E+00	8.1E-14	1.0E-03	3.3E-06	2.8E-22	3.6E-03	5	6.0E-04
175	4.9E-01	6.2E-05	9.3E+00	7.0E-14	1.0E-03	3.3E-06	2.4E-22	3.1E-03	5	5.1E-04
176	4.1E-01	6.2E-05	9.3E+00	6.3E-14	1.0E-03	3.3E-06	2.2E-22	2.8E-03	5	4.6E-04
177	3.4E-01	6.2E-05	9.3E+00	5.7E-14	1.0E-03	3.3E-06	2.0E-22	2.5E-03	5	4.1E-04
178	3.1E-01	6.2E-05	9.3E+00	5.3E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.8E-04
179	2.0E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
180	5.7E-01	6.2E-05	9.3E+00	5.9E-14	1.0E-03	3.3E-06	2.0E-22	2.6E-03	5	4.4E-04
181	7.2E-01	6.2E-05	9.3E+00	7.1E-14	1.0E-03	3.3E-06	2.5E-22	3.2E-03	5	5.3E-04
182	9.1E-01	6.2E-05	9.3E+00	7.8E-14	1.0E-03	3.3E-06	2.7E-22	3.5E-03	5	5.9E-04
183	1.1E+00	6.2E-05	9.3E+00	8.7E-14	1.0E-03	3.3E-06	3.0E-22	3.9E-03	5	6.5E-04
184	3.0E+00	6.2E-05	9.3E+00	1.1E-13	1.0E-03	3.3E-06	3.7E-22	7.6E-03	5	1.3E-03
185	2.9E+00	6.2E-05	9.3E+00	1.0E-13	1.0E-03	3.3E-06	3.6E-22	6.5E-03	5	1.1E-03
186	2.5E+00	6.2E-05	9.3E+00	9.7E-14	1.0E-03	3.3E-06	3.3E-22	5.3E-03	5	8.8E-04

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
187	2.0E+00	6.2E-05	9.3E+00	9.0E-14	1.0E-03	3.3E-06	3.1E-22	4.5E-03	5	7.5E-04
188	1.3E+00	6.2E-05	9.3E+00	8.2E-14	1.0E-03	3.3E-06	2.8E-22	3.9E-03	5	6.4E-04
189	1.0E+00	6.2E-05	9.3E+00	7.6E-14	1.0E-03	3.3E-06	2.6E-22	3.5E-03	5	5.8E-04
190	5.7E-01	6.2E-05	9.3E+00	6.4E-14	1.0E-03	3.3E-06	2.2E-22	2.9E-03	5	4.8E-04
191	4.8E-01	6.2E-05	9.3E+00	6.0E-14	1.0E-03	3.3E-06	2.1E-22	2.6E-03	5	4.4E-04
192	3.6E-01	6.2E-05	9.3E+00	5.3E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.8E-04
193	3.0E-01	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.6E-22	2.1E-03	5	3.5E-04
194	2.3E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
195	5.7E-01	6.2E-05	9.3E+00	5.7E-14	1.0E-03	3.3E-06	2.0E-22	2.5E-03	5	4.2E-04
196	7.1E-01	6.2E-05	9.3E+00	6.3E-14	1.0E-03	3.3E-06	2.2E-22	2.8E-03	5	4.7E-04
197	9.1E-01	6.2E-05	9.3E+00	6.9E-14	1.0E-03	3.3E-06	2.4E-22	3.1E-03	5	5.2E-04
198	5.0E+00	6.2E-05	9.3E+00	9.0E-14	1.0E-03	3.3E-06	3.1E-22	5.8E-03	5	9.7E-04
199	4.1E+00	6.2E-05	9.3E+00	8.6E-14	1.0E-03	3.3E-06	3.0E-22	6.0E-03	5	1.0E-03
200	2.9E+00	6.2E-05	9.3E+00	8.1E-14	1.0E-03	3.3E-06	2.8E-22	4.5E-03	5	7.6E-04
201	1.7E+00	6.2E-05	9.3E+00	7.4E-14	1.0E-03	3.3E-06	2.6E-22	3.6E-03	5	6.1E-04
202	1.3E+00	6.2E-05	9.3E+00	6.9E-14	1.0E-03	3.3E-06	2.4E-22	3.3E-03	5	5.4E-04
203	9.6E-01	6.2E-05	9.3E+00	6.4E-14	1.0E-03	3.3E-06	2.2E-22	2.9E-03	5	4.9E-04
204	5.4E-01	6.2E-05	9.3E+00	5.6E-14	1.0E-03	3.3E-06	1.9E-22	2.5E-03	5	4.1E-04
205	4.7E-01	6.2E-05	9.3E+00	5.2E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.9E-04
206	3.1E-01	6.2E-05	9.3E+00	4.5E-14	1.0E-03	3.3E-06	1.5E-22	2.0E-03	5	3.3E-04
207	2.6E-01	6.2E-05	9.3E+00	4.1E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
208	5.4E-01	6.2E-05	9.3E+00	5.1E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.8E-04
209	6.8E-01	6.2E-05	9.3E+00	5.6E-14	1.0E-03	3.3E-06	1.9E-22	2.5E-03	5	4.2E-04
210	8.8E-01	6.2E-05	9.3E+00	6.1E-14	1.0E-03	3.3E-06	2.1E-22	2.7E-03	5	4.5E-04
211	6.2E+00	6.2E-05	9.3E+00	7.6E-14	1.0E-03	3.3E-06	2.6E-22	5.6E-03	5	9.3E-04
212	4.4E+00	6.2E-05	9.3E+00	7.2E-14	1.0E-03	3.3E-06	2.5E-22	5.1E-03	5	8.4E-04
213	2.5E+00	6.2E-05	9.3E+00	6.8E-14	1.0E-03	3.3E-06	2.3E-22	3.6E-03	5	6.1E-04
214	1.5E+00	6.2E-05	9.3E+00	6.3E-14	1.0E-03	3.3E-06	2.2E-22	3.0E-03	5	5.1E-04
215	1.1E+00	6.2E-05	9.3E+00	5.9E-14	1.0E-03	3.3E-06	2.0E-22	2.8E-03	5	4.6E-04
216	8.0E-01	6.2E-05	9.3E+00	5.5E-14	1.0E-03	3.3E-06	1.9E-22	2.5E-03	5	4.2E-04
217	6.3E-01	6.2E-05	9.3E+00	5.1E-14	1.0E-03	3.3E-06	1.8E-22	2.3E-03	5	3.8E-04

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
218	4.0E-01	6.2E-05	9.3E+00	4.5E-14	1.0E-03	3.3E-06	1.6E-22	2.0E-03	5	3.3E-04
219	2.7E-01	6.2E-05	9.3E+00	3.9E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
220	5.1E-01	6.2E-05	9.3E+00	4.6E-14	1.0E-03	3.3E-06	1.6E-22	2.1E-03	5	3.4E-04
221	6.5E-01	6.2E-05	9.3E+00	5.0E-14	1.0E-03	3.3E-06	1.7E-22	2.2E-03	5	3.7E-04
222	1.2E+00	6.2E-05	9.3E+00	5.4E-14	1.0E-03	3.3E-06	1.9E-22	2.6E-03	5	4.3E-04
223	8.8E-01	6.2E-05	9.3E+00	5.1E-14	1.0E-03	3.3E-06	1.7E-22	2.3E-03	5	3.9E-04
224	7.0E-01	6.2E-05	9.3E+00	4.8E-14	1.0E-03	3.3E-06	1.6E-22	2.2E-03	5	3.6E-04
225	5.5E-01	6.2E-05	9.3E+00	4.4E-14	1.0E-03	3.3E-06	1.5E-22	2.0E-03	5	3.3E-04
226	4.2E-01	6.2E-05	9.3E+00	4.1E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
227	4.9E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.5E-22	1.9E-03	5	3.1E-04
228	6.4E-01	6.2E-05	9.3E+00	3.8E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
229	9.3E-01	6.2E-05	9.3E+00	4.0E-14	1.0E-03	3.3E-06	1.4E-22	1.8E-03	5	3.0E-04
230	2.1E+00	6.2E-05	9.3E+00	5.3E-14	1.0E-03	3.3E-06	1.8E-22	2.7E-03	5	4.5E-04
231	1.5E+00	6.2E-05	9.3E+00	5.0E-14	1.0E-03	3.3E-06	1.7E-22	2.4E-03	5	4.1E-04
232	7.6E-01	6.2E-05	9.3E+00	4.4E-14	1.0E-03	3.3E-06	1.5E-22	2.0E-03	5	3.4E-04
233	5.7E-01	6.2E-05	9.3E+00	4.1E-14	1.0E-03	3.3E-06	1.4E-22	1.9E-03	5	3.1E-04
234	4.4E-01	6.2E-05	9.3E+00	3.9E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.9E-04
235	4.5E-01	6.2E-05	9.3E+00	3.2E-14	1.0E-03	3.3E-06	1.1E-22	1.4E-03	5	2.4E-04
236	5.9E-01	6.2E-05	9.3E+00	3.4E-14	1.0E-03	3.3E-06	1.2E-22	1.5E-03	5	2.6E-04
237	8.3E-01	6.2E-05	9.3E+00	3.6E-14	1.0E-03	3.3E-06	1.2E-22	1.6E-03	5	2.7E-04
238	2.2E+00	6.2E-05	9.3E+00	4.9E-14	1.0E-03	3.3E-06	1.7E-22	2.5E-03	5	4.1E-04
239	1.5E+00	6.2E-05	9.3E+00	4.6E-14	1.0E-03	3.3E-06	1.6E-22	2.3E-03	5	3.8E-04
240	1.1E+00	6.2E-05	9.3E+00	4.4E-14	1.0E-03	3.3E-06	1.5E-22	2.1E-03	5	3.5E-04
241	8.5E-01	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	1.9E-03	5	3.2E-04
242	4.9E-01	6.2E-05	9.3E+00	3.7E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
243	3.3E-01	6.2E-05	9.3E+00	2.8E-14	1.0E-03	3.3E-06	9.5E-23	1.2E-03	5	2.1E-04
244	4.3E-01	6.2E-05	9.3E+00	3.0E-14	1.0E-03	3.3E-06	1.0E-22	1.3E-03	5	2.2E-04
245	5.5E-01	6.2E-05	9.3E+00	3.2E-14	1.0E-03	3.3E-06	1.1E-22	1.4E-03	5	2.3E-04
246	3.1E+00	6.2E-05	9.3E+00	4.7E-14	1.0E-03	3.3E-06	1.6E-22	2.4E-03	5	4.1E-04
247	2.1E+00	6.2E-05	9.3E+00	4.5E-14	1.0E-03	3.3E-06	1.6E-22	2.3E-03	5	3.8E-04
248	1.5E+00	6.2E-05	9.3E+00	4.3E-14	1.0E-03	3.3E-06	1.5E-22	2.1E-03	5	3.5E-04

Diamond Bar - Crooked Creek
Risk From Grading - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
249	1.2E+00	6.2E-05	9.3E+00	4.1E-14	1.0E-03	3.3E-06	1.4E-22	1.9E-03	5	3.2E-04
250	9.0E-01	6.2E-05	9.3E+00	3.9E-14	1.0E-03	3.3E-06	1.3E-22	1.8E-03	5	3.0E-04
251	6.7E-01	6.2E-05	9.3E+00	3.7E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
252	5.3E-01	6.2E-05	9.3E+00	3.5E-14	1.0E-03	3.3E-06	1.2E-22	1.6E-03	5	2.6E-04
253	2.6E-01	6.2E-05	9.3E+00	2.4E-14	1.0E-03	3.3E-06	8.2E-23	1.1E-03	5	1.8E-04
254	3.1E-01	6.2E-05	9.3E+00	2.5E-14	1.0E-03	3.3E-06	8.7E-23	1.1E-03	5	1.9E-04
255	3.9E-01	6.2E-05	9.3E+00	2.7E-14	1.0E-03	3.3E-06	9.4E-23	1.2E-03	5	2.0E-04
256	5.2E-01	6.2E-05	9.3E+00	2.9E-14	1.0E-03	3.3E-06	1.0E-22	1.3E-03	5	2.2E-04
257	2.7E+00	6.2E-05	9.3E+00	4.3E-14	1.0E-03	3.3E-06	1.5E-22	2.2E-03	5	3.7E-04
258	2.0E+00	6.2E-05	9.3E+00	4.2E-14	1.0E-03	3.3E-06	1.4E-22	2.1E-03	5	3.4E-04
259	1.5E+00	6.2E-05	9.3E+00	4.0E-14	1.0E-03	3.3E-06	1.4E-22	1.9E-03	5	3.2E-04
260	1.2E+00	6.2E-05	9.3E+00	3.8E-14	1.0E-03	3.3E-06	1.3E-22	1.8E-03	5	3.0E-04
261	9.1E-01	6.2E-05	9.3E+00	3.6E-14	1.0E-03	3.3E-06	1.3E-22	1.7E-03	5	2.8E-04
262	7.3E-01	6.2E-05	9.3E+00	3.5E-14	1.0E-03	3.3E-06	1.2E-22	1.6E-03	5	2.7E-04
263	6.0E-01	6.2E-05	9.3E+00	3.3E-14	1.0E-03	3.3E-06	1.1E-22	1.5E-03	5	2.5E-04
0	0.0E+00	6.2E-05	9.3E+00	0.0E+00	1.0E-03	3.3E-06	0.0E+00	0.0E+00	5	0.0E+00

4. Risk by Construction Phase
c. Underground Utilities

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

	31 0.5625	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.0383	3.8E-08	3.6E-08	2.1E-09	2.1289	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
2	0.0608	6.1E-08	5.9E-08	1.5E-09	3.48869	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
3	0.1204	1.2E-07	1.2E-07	1.2E-09	7.01295	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
4	0.0612	6.1E-08	6.0E-08	1.6E-09	3.50541	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
5	0.1199	1.2E-07	1.2E-07	1.7E-09	6.95063	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
6	0.3312	3.3E-07	3.3E-07	2.2E-09	19.35187	7.4E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
7	0.0162	1.6E-08	1.6E-08	1.2E-10	0.94627	7.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
8	0.0113	1.1E-08	1.1E-08	9.3E-11	0.66164	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
9	0.0085	8.5E-09	8.4E-09	7.4E-11	0.49331	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.4E-09
10	0.0069	6.9E-09	6.8E-09	6.3E-11	0.3994	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
11	0.0044	4.4E-09	4.3E-09	4.4E-11	0.25515	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
12	0.0037	3.7E-09	3.7E-09	3.9E-11	0.21654	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
13	0.0031	3.1E-09	3.0E-09	3.3E-11	0.17828	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
14	0.0021	2.1E-09	2.0E-09	2.4E-11	0.12001	7.4E-03	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
15	0.0018	1.8E-09	1.8E-09	2.1E-11	0.10549	7.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
16	0.0920	9.2E-08	9.0E-08	1.6E-09	5.31873	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
17	0.1768	1.8E-07	1.7E-07	1.8E-09	10.29309	7.4E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
18	0.3986	4.0E-07	4.0E-07	2.5E-09	23.29973	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
19	0.0208	2.1E-08	2.1E-08	1.5E-10	1.21426	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
20	0.0141	1.4E-08	1.4E-08	1.1E-10	0.82462	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
21	0.0104	1.0E-08	1.0E-08	8.8E-11	0.60814	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
22	0.0079	7.9E-09	7.8E-09	7.1E-11	0.46053	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
23	0.0064	6.4E-09	6.3E-09	6.0E-11	0.37219	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
24	0.0051	5.1E-09	5.1E-09	5.0E-11	0.29851	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
25	0.0041	4.1E-09	4.1E-09	4.2E-11	0.24009	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09
26	0.0034	3.4E-09	3.3E-09	3.6E-11	0.19632	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
27	0.0028	2.8E-09	2.8E-09	3.1E-11	0.16442	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
28	0.0020	2.0E-09	1.9E-09	2.3E-11	0.11385	7.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
29	0.1158	1.2E-07	1.1E-07	2.4E-09	6.66955	7.4E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	0.2080	2.1E-07	2.1E-07	1.8E-09	12.12883	7.4E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.1E-07
31	0.5625	5.6E-07	5.6E-07	3.1E-09	32.90584	7.4E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.6E-07

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	0.3523	3.5E-07	3.5E-07	1.9E-09	20.60922	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
33	0.0179	1.8E-08	1.8E-08	1.4E-10	1.04579	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
34	0.0132	1.3E-08	1.3E-08	1.1E-10	0.7717	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
35	0.0100	1.0E-08	9.9E-09	8.6E-11	0.58443	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
36	0.0076	7.6E-09	7.5E-09	6.9E-11	0.44257	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
37	0.0058	5.8E-09	5.7E-09	5.6E-11	0.33809	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
38	0.0046	4.6E-09	4.5E-09	4.6E-11	0.26664	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
39	0.0037	3.7E-09	3.6E-09	3.8E-11	0.21304	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
40	0.0031	3.1E-09	3.0E-09	3.3E-11	0.17882	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
41	0.0026	2.6E-09	2.6E-09	2.9E-11	0.15106	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
42	0.0022	2.2E-09	2.2E-09	2.5E-11	0.12889	7.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.2E-09
43	0.1163	1.2E-07	1.1E-07	1.8E-09	6.73347	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
44	0.1693	1.7E-07	1.7E-07	1.5E-09	9.86907	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
45	0.2010	2.0E-07	2.0E-07	1.4E-09	11.74326	7.4E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	2.0E-07
46	0.1669	1.7E-07	1.7E-07	1.1E-09	9.75409	7.4E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.7E-07
47	0.0156	1.6E-08	1.5E-08	1.2E-10	0.90896	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
48	0.0117	1.2E-08	1.2E-08	9.8E-11	0.68168	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
49	0.0088	8.8E-09	8.7E-09	7.8E-11	0.51312	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
50	0.0063	6.3E-09	6.3E-09	5.9E-11	0.36845	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.3E-09
51	0.0052	5.2E-09	5.1E-09	5.0E-11	0.30131	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
52	0.0042	4.2E-09	4.1E-09	4.2E-11	0.24352	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
53	0.0033	3.3E-09	3.3E-09	3.5E-11	0.19318	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
54	0.0028	2.8E-09	2.8E-09	3.0E-11	0.16338	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
55	0.0024	2.4E-09	2.4E-09	2.7E-11	0.14034	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
56	0.0725	7.2E-08	7.1E-08	1.5E-09	4.17293	7.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.1E-08
57	0.0914	9.1E-08	9.0E-08	1.4E-09	5.29757	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
58	0.0986	9.9E-08	9.8E-08	9.9E-10	5.73909	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.8E-08
59	0.0974	9.7E-08	9.7E-08	8.2E-10	5.67911	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.7E-08
60	0.0796	8.0E-08	7.9E-08	6.4E-10	4.64213	7.4E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.9E-08
61	0.0433	4.3E-08	4.3E-08	3.4E-10	2.52648	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
62	0.0182	1.8E-08	1.8E-08	1.5E-10	1.06309	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
63	0.0132	1.3E-08	1.3E-08	1.1E-10	0.77268	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
64	0.0104	1.0E-08	1.0E-08	9.2E-11	0.60845	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
65	0.0077	7.7E-09	7.6E-09	7.0E-11	0.44744	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.6E-09
66	0.0058	5.8E-09	5.7E-09	5.5E-11	0.33524	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
67	0.0048	4.8E-09	4.8E-09	4.8E-11	0.27979	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
68	0.0039	3.9E-09	3.8E-09	4.0E-11	0.2244	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
69	0.0031	3.1E-09	3.1E-09	3.3E-11	0.18169	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
70	0.0026	2.6E-09	2.6E-09	2.9E-11	0.15226	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
71	0.0590	5.9E-08	5.7E-08	1.8E-09	3.36722	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
72	0.0639	6.4E-08	6.3E-08	1.0E-09	3.69785	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08
73	0.0631	6.3E-08	6.2E-08	7.3E-10	3.66593	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.2E-08
74	0.0554	5.5E-08	5.5E-08	5.4E-10	3.22742	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
75	0.0464	4.6E-08	4.6E-08	4.4E-10	2.70117	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
76	0.0368	3.7E-08	3.7E-08	3.4E-10	2.14729	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
77	0.0284	2.8E-08	2.8E-08	2.5E-10	1.6568	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
78	0.0203	2.0E-08	2.0E-08	1.7E-10	1.18131	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
79	0.0142	1.4E-08	1.4E-08	1.2E-10	0.82556	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
80	0.0112	1.1E-08	1.1E-08	9.9E-11	0.65168	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
81	0.0087	8.7E-09	8.6E-09	8.0E-11	0.5057	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
82	0.0066	6.6E-09	6.6E-09	6.3E-11	0.38537	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
83	0.0053	5.3E-09	5.3E-09	5.2E-11	0.31159	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
84	0.0043	4.3E-09	4.2E-09	4.3E-11	0.24987	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
85	0.0036	3.6E-09	3.5E-09	3.7E-11	0.20808	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
86	0.0030	3.0E-09	3.0E-09	3.3E-11	0.17641	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
87	0.0418	4.2E-08	4.0E-08	2.0E-09	2.34477	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
88	0.0441	4.4E-08	4.3E-08	1.2E-09	2.52692	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
89	0.0436	4.4E-08	4.3E-08	7.3E-10	2.52189	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
90	0.0471	4.7E-08	4.7E-08	5.8E-10	2.73658	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
91	0.0359	3.6E-08	3.5E-08	4.1E-10	2.08775	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
92	0.0302	3.0E-08	3.0E-08	3.1E-10	1.75833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
93	0.0242	2.4E-08	2.4E-08	2.3E-10	1.40869	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

	31 0.5625	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
94	0.0190	1.9E-08	1.9E-08	1.8E-10	1.10707	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
95	0.0145	1.4E-08	1.4E-08	1.3E-10	0.84487	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
96	0.0113	1.1E-08	1.1E-08	1.0E-10	0.66067	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
97	0.0088	8.8E-09	8.7E-09	8.2E-11	0.51326	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
98	0.0070	7.0E-09	7.0E-09	6.7E-11	0.40928	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
99	0.0056	5.6E-09	5.6E-09	5.5E-11	0.3274	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
100	0.0046	4.6E-09	4.5E-09	4.6E-11	0.26752	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
101	0.0038	3.8E-09	3.8E-09	4.0E-11	0.22247	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
102	0.0032	3.2E-09	3.2E-09	3.4E-11	0.1888	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
103	0.0331	3.3E-08	3.1E-08	1.7E-09	1.84597	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
104	0.0326	3.3E-08	3.2E-08	8.3E-10	1.8707	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
105	0.0311	3.1E-08	3.1E-08	5.4E-10	1.79694	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
106	0.0283	2.8E-08	2.8E-08	4.0E-10	1.64097	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
107	0.0249	2.5E-08	2.5E-08	3.0E-10	1.44868	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
108	0.0208	2.1E-08	2.1E-08	2.2E-10	1.20878	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.1E-08
109	0.0168	1.7E-08	1.7E-08	1.7E-10	0.97938	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
110	0.0145	1.4E-08	1.4E-08	1.4E-10	0.84257	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
111	0.0127	1.3E-08	1.3E-08	1.3E-10	0.73882	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
112	0.0099	9.9E-09	9.8E-09	9.7E-11	0.57415	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.8E-09
113	0.0084	8.4E-09	8.3E-09	8.4E-11	0.49034	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
114	0.0069	6.9E-09	6.9E-09	7.0E-11	0.40309	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
115	0.0055	5.5E-09	5.4E-09	5.6E-11	0.31882	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
116	0.0045	4.5E-09	4.4E-09	4.6E-11	0.25985	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
117	0.0036	3.6E-09	3.6E-09	3.8E-11	0.20903	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
118	0.0252	2.5E-08	2.4E-08	1.2E-09	1.40858	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
119	0.0253	2.5E-08	2.4E-08	1.3E-09	1.41449	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
120	0.0243	2.4E-08	2.4E-08	5.6E-10	1.39758	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
121	0.0227	2.3E-08	2.2E-08	3.9E-10	1.31485	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
122	0.0206	2.1E-08	2.0E-08	2.9E-10	1.19465	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
123	0.0182	1.8E-08	1.8E-08	2.3E-10	1.05909	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
124	0.0159	1.6E-08	1.6E-08	1.9E-10	0.92686	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0138	1.4E-08	1.4E-08	1.5E-10	0.80053	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
126	0.0119	1.2E-08	1.2E-08	1.3E-10	0.69206	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
127	0.0101	1.0E-08	1.0E-08	1.1E-10	0.58599	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	1.0E-08
128	0.0086	8.6E-09	8.5E-09	9.1E-11	0.50096	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
129	0.0072	7.2E-09	7.1E-09	7.5E-11	0.41796	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
130	0.0059	5.9E-09	5.8E-09	6.1E-11	0.34239	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
131	0.0046	4.6E-09	4.6E-09	4.9E-11	0.26987	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
132	0.0040	4.0E-09	4.0E-09	4.3E-11	0.23513	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
133	0.0116	1.2E-08	1.1E-08	2.6E-10	0.66897	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
134	0.0186	1.9E-08	1.8E-08	1.0E-09	1.03096	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.8E-08
135	0.0196	2.0E-08	1.9E-08	5.8E-10	1.11817	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
136	0.0185	1.8E-08	1.8E-08	3.7E-10	1.06488	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
137	0.0172	1.7E-08	1.7E-08	2.8E-10	0.99354	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
138	0.0156	1.6E-08	1.5E-08	2.2E-10	0.904	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
139	0.0140	1.4E-08	1.4E-08	1.8E-10	0.81017	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
140	0.0123	1.2E-08	1.2E-08	1.5E-10	0.71623	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
141	0.0109	1.1E-08	1.1E-08	1.3E-10	0.63091	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
142	0.0095	9.5E-09	9.4E-09	1.1E-10	0.55201	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
143	0.0083	8.3E-09	8.2E-09	9.2E-11	0.48025	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
144	0.0067	6.7E-09	6.6E-09	7.2E-11	0.39044	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
145	0.0057	5.7E-09	5.7E-09	6.2E-11	0.3342	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
146	0.0048	4.8E-09	4.8E-09	5.2E-11	0.28047	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
147	0.0040	4.0E-09	4.0E-09	4.4E-11	0.23555	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
148	0.0089	8.9E-09	8.7E-09	1.9E-10	0.51247	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
149	0.0101	1.0E-08	9.9E-09	2.2E-10	0.58112	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
150	0.0164	1.6E-08	1.6E-08	7.6E-10	0.91933	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
151	0.0160	1.6E-08	1.6E-08	5.1E-10	0.91288	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
152	0.0154	1.5E-08	1.5E-08	3.4E-10	0.8836	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
153	0.0144	1.4E-08	1.4E-08	2.6E-10	0.83248	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
154	0.0134	1.3E-08	1.3E-08	2.1E-10	0.77407	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
155	0.0122	1.2E-08	1.2E-08	1.7E-10	0.70704	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	0.5625	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
156	0.0110	1.1E-08	1.1E-08	1.1E-08	1.5E-10	0.63958	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
157	0.0099	9.9E-09	9.7E-09	1.2E-10	0.57261	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09	
158	0.0087	8.7E-09	8.6E-09	1.1E-10	0.507	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09	
159	0.0078	7.8E-09	7.7E-09	9.2E-11	0.45141	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09	
160	0.0064	6.4E-09	6.4E-09	7.3E-11	0.37505	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09	
161	0.0053	5.3E-09	5.3E-09	6.0E-11	0.3109	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09	
162	0.0046	4.6E-09	4.6E-09	5.1E-11	0.26948	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09	
163	0.0040	4.0E-09	3.9E-09	4.4E-11	0.2321	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09	
164	0.0078	7.8E-09	7.6E-09	1.6E-10	0.44979	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09	
165	0.0088	8.8E-09	8.6E-09	1.9E-10	0.50535	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09	
166	0.0097	9.7E-09	9.5E-09	2.2E-10	0.55605	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.5E-09	
167	0.0134	1.3E-08	1.3E-08	3.6E-10	0.76605	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08	
168	0.0129	1.3E-08	1.3E-08	2.9E-10	0.74212	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08	
169	0.0123	1.2E-08	1.2E-08	2.3E-10	0.71011	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08	
170	0.0115	1.2E-08	1.1E-08	1.9E-10	0.66746	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08	
171	0.0107	1.1E-08	1.1E-08	1.6E-10	0.61914	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.1E-08	
172	0.0098	9.8E-09	9.7E-09	1.4E-10	0.56804	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09	
173	0.0088	8.8E-09	8.7E-09	1.2E-10	0.51041	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09	
174	0.0078	7.8E-09	7.7E-09	9.8E-11	0.45215	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09	
175	0.0067	6.7E-09	6.6E-09	8.1E-11	0.39007	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09	
176	0.0061	6.1E-09	6.0E-09	7.2E-11	0.35392	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09	
177	0.0055	5.5E-09	5.4E-09	6.4E-11	0.3175	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.4E-09	
178	0.0051	5.1E-09	5.0E-09	5.9E-11	0.29458	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09	
179	0.0040	4.0E-09	4.0E-09	4.6E-11	0.23316	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09	
180	0.0058	5.8E-09	5.7E-09	1.1E-10	0.33274	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09	
181	0.0069	6.9E-09	6.8E-09	1.4E-10	0.39975	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09	
182	0.0076	7.6E-09	7.5E-09	1.6E-10	0.43864	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09	
183	0.0084	8.4E-09	8.3E-09	1.8E-10	0.48536	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.3E-09	
184	0.0106	1.1E-08	1.0E-08	2.1E-10	0.61014	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08	
185	0.0100	1.0E-08	9.9E-09	1.7E-10	0.57943	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09	
186	0.0094	9.4E-09	9.3E-09	1.5E-10	0.54464	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09	

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5625	Max									
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
187	0.0087	8.7E-09	8.6E-09	1.3E-10	0.50549	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
188	0.0079	7.9E-09	7.8E-09	1.1E-10	0.46029	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
189	0.0073	7.3E-09	7.2E-09	1.0E-10	0.4249	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
190	0.0062	6.2E-09	6.1E-09	7.9E-11	0.36106	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
191	0.0057	5.7E-09	5.7E-09	7.2E-11	0.33374	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
192	0.0051	5.1E-09	5.0E-09	6.2E-11	0.29459	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
193	0.0046	4.6E-09	4.6E-09	5.6E-11	0.26791	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
194	0.0041	4.1E-09	4.0E-09	4.8E-11	0.23596	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
195	0.0055	5.5E-09	5.4E-09	1.1E-10	0.31822	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
196	0.0061	6.1E-09	6.0E-09	1.2E-10	0.35442	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
197	0.0067	6.7E-09	6.6E-09	1.4E-10	0.38757	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
198	0.0088	8.8E-09	8.6E-09	1.5E-10	0.50574	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
199	0.0083	8.3E-09	8.2E-09	1.4E-10	0.4809	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
200	0.0078	7.8E-09	7.7E-09	1.2E-10	0.45273	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
201	0.0072	7.2E-09	7.1E-09	1.1E-10	0.41569	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
202	0.0067	6.7E-09	6.6E-09	9.5E-11	0.3874	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
203	0.0062	6.2E-09	6.1E-09	8.6E-11	0.35931	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
204	0.0054	5.4E-09	5.3E-09	7.1E-11	0.31258	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
205	0.0051	5.1E-09	5.0E-09	6.5E-11	0.29326	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
206	0.0043	4.3E-09	4.3E-09	5.4E-11	0.25011	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
207	0.0040	4.0E-09	3.9E-09	4.9E-11	0.22979	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
208	0.0049	4.9E-09	4.9E-09	9.5E-11	0.28553	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09
209	0.0054	5.4E-09	5.3E-09	1.1E-10	0.31317	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
210	0.0059	5.9E-09	5.8E-09	1.2E-10	0.34113	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
211	0.0074	7.4E-09	7.2E-09	1.2E-10	0.4254	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
212	0.0070	7.0E-09	6.9E-09	1.1E-10	0.40593	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
213	0.0066	6.6E-09	6.5E-09	1.0E-10	0.38055	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.5E-09
214	0.0061	6.1E-09	6.0E-09	9.0E-11	0.35286	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
215	0.0057	5.7E-09	5.6E-09	8.2E-11	0.33042	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
216	0.0053	5.3E-09	5.2E-09	7.4E-11	0.30696	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
217	0.0049	4.9E-09	4.9E-09	6.7E-11	0.28558	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
218	0.0044	4.4E-09	4.3E-09	5.7E-11	0.25289	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
219	0.0037	3.7E-09	3.7E-09	4.8E-11	0.21705	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
220	0.0045	4.5E-09	4.4E-09	8.5E-11	0.25867	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
221	0.0049	4.9E-09	4.8E-09	9.4E-11	0.28227	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
222	0.0052	5.2E-09	5.1E-09	7.7E-11	0.30285	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
223	0.0049	4.9E-09	4.8E-09	7.0E-11	0.28404	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
224	0.0046	4.6E-09	4.5E-09	6.5E-11	0.26716	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
225	0.0043	4.3E-09	4.2E-09	5.9E-11	0.24945	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
226	0.0040	4.0E-09	3.9E-09	5.4E-11	0.23062	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
227	0.0041	4.1E-09	4.0E-09	7.7E-11	0.23682	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
228	0.0037	3.7E-09	3.6E-09	7.2E-11	0.21189	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
229	0.0039	3.9E-09	3.8E-09	7.7E-11	0.22467	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
230	0.0051	5.1E-09	5.1E-09	8.0E-11	0.29824	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
231	0.0049	4.9E-09	4.8E-09	7.4E-11	0.28228	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
232	0.0043	4.3E-09	4.2E-09	6.2E-11	0.24885	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
233	0.0040	4.0E-09	4.0E-09	5.7E-11	0.2325	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
234	0.0037	3.7E-09	3.7E-09	5.2E-11	0.21656	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
235	0.0031	3.1E-09	3.1E-09	6.0E-11	0.18168	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
236	0.0033	3.3E-09	3.3E-09	6.4E-11	0.19303	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
237	0.0035	3.5E-09	3.4E-09	6.8E-11	0.20257	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
238	0.0047	4.7E-09	4.7E-09	7.4E-11	0.27372	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.7E-09
239	0.0045	4.5E-09	4.4E-09	6.8E-11	0.2593	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
240	0.0043	4.3E-09	4.2E-09	6.4E-11	0.24647	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
241	0.0040	4.0E-09	4.0E-09	5.9E-11	0.23355	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
242	0.0035	3.5E-09	3.5E-09	5.0E-11	0.2058	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
243	0.0027	2.7E-09	2.6E-09	5.1E-11	0.15502	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
244	0.0029	2.9E-09	2.8E-09	5.5E-11	0.1672	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
245	0.0031	3.1E-09	3.0E-09	5.8E-11	0.17664	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
246	0.0046	4.6E-09	4.5E-09	7.3E-11	0.26338	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.5E-09
247	0.0044	4.4E-09	4.3E-09	6.8E-11	0.25334	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
248	0.0041	4.1E-09	4.1E-09	6.4E-11	0.23996	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

	31	Receptor									
	0.5625	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0040	4.0E-09	3.9E-09	6.0E-11	0.2292	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
250	0.0038	3.8E-09	3.7E-09	5.6E-11	0.2182	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
251	0.0035	3.5E-09	3.5E-09	5.2E-11	0.20539	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
252	0.0034	3.4E-09	3.3E-09	4.9E-11	0.19431	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
253	0.0023	2.3E-09	2.3E-09	4.4E-11	0.1334	7.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
254	0.0025	2.5E-09	2.4E-09	4.6E-11	0.14177	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
255	0.0026	2.6E-09	2.6E-09	4.9E-11	0.15265	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
256	0.0028	2.8E-09	2.8E-09	5.3E-11	0.16376	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
257	0.0042	4.2E-09	4.1E-09	6.7E-11	0.24198	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
258	0.0040	4.0E-09	4.0E-09	6.4E-11	0.23332	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
259	0.0039	3.9E-09	3.8E-09	6.0E-11	0.22451	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
260	0.0037	3.7E-09	3.6E-09	5.6E-11	0.21336	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
261	0.0035	3.5E-09	3.5E-09	5.3E-11	0.20404	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
262	0.0034	3.4E-09	3.3E-09	5.0E-11	0.19449	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
263	0.0032	3.2E-09	3.2E-09	4.8E-11	0.18577	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	6.3E-01	3.6E-05	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.8E-10	9.3E+00	9.1E-05	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
2	7.4E-01	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	5.9E+00	9.1E-05	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
3	8.5E-01	3.6E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.8E-10	3.1E+00	9.1E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.4E-10
4	8.5E-01	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	6.2E+00	9.1E-05	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
5	1.0E+00	3.6E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10	5.3E+00	9.1E-05	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
6	1.3E+00	3.6E-05	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09	3.0E+00	9.1E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
7	4.6E-01	3.6E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
8	3.9E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
9	3.3E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
10	2.9E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
11	2.1E-01	3.6E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
12	1.8E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11
13	1.5E-01	3.6E-05	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.5E-11	8.8E-02	9.1E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11
14	1.1E-01	3.6E-05	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.9E-12	6.6E-02	9.1E-05	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11
15	9.7E-02	3.6E-05	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.7E-12	6.0E-02	9.1E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11
16	1.2E+00	3.6E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	5.5E+00	9.1E-05	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.2E-09
17	1.6E+00	3.6E-05	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.5E-10	4.7E+00	9.1E-05	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.8E-10
18	2.3E+00	3.6E-05	1.0E-03	8.7E-07	1.6E-01	1.4E-02	1.9E-09	2.7E+00	9.1E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10
19	6.1E-01	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
20	5.0E-01	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
21	4.1E-01	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
22	3.4E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
23	2.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
24	2.4E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.2E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
25	2.0E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
26	1.7E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	9.3E-02	9.1E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11
27	1.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.4E-11	8.3E-02	9.1E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11
28	1.0E-01	3.6E-05	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.4E-12	6.3E-02	9.1E-05	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
29	1.9E+00	3.6E-05	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10	9.1E+00	9.1E-05	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.9E-09
30	3.0E+00	3.6E-05	1.0E-03	4.5E-07	1.6E-01	1.4E-02	1.0E-09	3.9E+00	9.1E-05	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10
31	1.5E+01	3.6E-05	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09	1.7E+00	9.1E-05	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	1.4E+01	3.6E-05	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.7E-09	1.2E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10
33	6.4E-01	3.6E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11	2.4E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
34	5.2E-01	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
35	4.2E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
36	3.4E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
37	2.7E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.3E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
38	2.2E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.1E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
39	1.8E-01	3.6E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	9.7E-02	9.1E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11
40	1.5E-01	3.6E-05	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.5E-11	8.7E-02	9.1E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11
41	1.3E-01	3.6E-05	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	7.7E-02	9.1E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
42	1.1E-01	3.6E-05	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.1E-11	6.9E-02	9.1E-05	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
43	3.3E+00	3.6E-05	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10	6.1E+00	9.1E-05	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09
44	6.3E+00	3.6E-05	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10	3.1E+00	9.1E-05	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10
45	2.0E+01	3.6E-05	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.7E-10	2.0E+00	9.1E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
46	2.9E+01	3.6E-05	1.0E-03	3.6E-07	1.6E-01	1.4E-02	8.0E-10	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	3.0E-10
47	6.5E-01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
48	5.0E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
49	3.9E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
50	2.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
51	2.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.2E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
52	2.0E-01	3.6E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
53	1.6E-01	3.6E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-02	9.1E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11
54	1.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	8.1E-02	9.1E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11
55	1.2E-01	3.6E-05	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.2E-11	7.3E-02	9.1E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
56	3.4E+00	3.6E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10	5.6E+00	9.1E-05	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.2E-09
57	5.8E+00	3.6E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	4.5E+00	9.1E-05	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.4E-10
58	1.1E+01	3.6E-05	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.7E-10	2.5E+00	9.1E-05	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.2E-10
59	2.1E+01	3.6E-05	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.7E-10	1.7E+00	9.1E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10
60	2.3E+01	3.6E-05	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.8E-10	1.2E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
61	3.5E+00	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	6.4E-01	9.1E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.3E-10
62	8.7E-01	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	2.8E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	6.2E-01	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
64	4.8E-01	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
65	3.6E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
66	2.7E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
67	2.3E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
68	1.9E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
69	1.5E-01	3.6E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	8.7E-02	9.1E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11
70	1.3E-01	3.6E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	7.6E-02	9.1E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
71	5.7E+00	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	7.1E+00	9.1E-05	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.5E-09
72	1.0E+01	3.6E-05	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10	3.3E+00	9.1E-05	1.0E-03	3.2E-07	1.6E-01	1.4E-02	7.0E-10
73	2.2E+01	3.6E-05	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10	2.0E+00	9.1E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.3E-10
74	3.1E+01	3.6E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10	1.3E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
75	1.3E+01	3.6E-05	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10	1.0E+00	9.1E-05	1.0E-03	9.7E-08	1.6E-01	1.4E-02	2.1E-10
76	5.2E+00	3.6E-05	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10	7.7E-01	9.1E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
77	2.6E+00	3.6E-05	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10	5.5E-01	9.1E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10
78	1.3E+00	3.6E-05	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.7E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11
79	7.6E-01	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	2.6E-01	9.1E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.4E-11
80	5.7E-01	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.4E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
81	4.3E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
82	3.2E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	1.5E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
83	2.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
84	2.1E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
85	1.7E-01	3.6E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	9.6E-02	9.1E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11
86	1.5E-01	3.6E-05	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.5E-11	8.6E-02	9.1E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11
87	6.3E+00	3.6E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	8.5E+00	9.1E-05	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
88	1.3E+01	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	4.6E+00	9.1E-05	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.7E-10
89	3.1E+01	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	2.5E+00	9.1E-05	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
90	4.6E+01	3.6E-05	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10	1.7E+00	9.1E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10
91	1.6E+01	3.6E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.1E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
92	5.4E+00	3.6E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.4E-10	7.7E-01	9.1E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
93	2.6E+00	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	1.5E+00	3.6E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11	4.0E-01	9.1E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.4E-11
95	9.5E-01	3.6E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	3.0E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.2E-11
96	6.6E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
97	4.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
98	3.6E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
99	2.8E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	1.3E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
100	2.3E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
101	1.9E-01	3.6E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
102	1.6E-01	3.6E-05	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-02	9.1E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11
103	2.2E+01	3.6E-05	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	7.3E+00	9.1E-05	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
104	5.0E+01	3.6E-05	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.5E-10	3.2E+00	9.1E-05	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.7E-10
105	2.3E+01	3.6E-05	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	9.1E-05	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
106	1.2E+01	3.6E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10	1.2E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
107	5.9E+00	3.6E-05	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	8.8E-01	9.1E-05	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.8E-10
108	2.9E+00	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10	5.8E-01	9.1E-05	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
109	1.7E+00	3.6E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.1E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11
110	1.2E+00	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11
111	1.0E+00	3.6E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	3.3E-01	9.1E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11
112	6.3E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
113	5.1E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
114	3.9E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
115	2.9E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
116	2.3E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
117	1.8E-01	3.6E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	9.9E-02	9.1E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11
118	1.5E+01	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.4E+00	9.1E-05	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
119	3.3E+01	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.6E+00	9.1E-05	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.2E-09
120	2.0E+01	3.6E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.2E-10	2.1E+00	9.1E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.5E-10
121	9.3E+00	3.6E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	1.3E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
122	5.4E+00	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.8E-11	9.3E-01	9.1E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10
123	3.4E+00	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.7E-11	6.9E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
124	2.2E+00	3.6E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.6E-11	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.5E+00	3.6E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.6E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.9E-11
126	1.1E+00	3.6E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	3.5E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.4E-11
127	8.0E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	2.8E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
128	6.1E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	2.4E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
129	4.5E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
130	3.4E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
131	2.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
132	2.1E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.1E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
133	9.4E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	9.8E-01	9.1E-05	1.0E-03	9.3E-08	1.6E-01	1.4E-02	2.0E-10
134	2.6E+01	3.6E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.5E-11	4.5E+00	9.1E-05	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.5E-10
135	2.3E+01	3.6E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11	2.3E+00	9.1E-05	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.9E-10
136	8.2E+00	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
137	4.8E+00	3.6E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	9.4E-01	9.1E-05	1.0E-03	8.9E-08	1.6E-01	1.4E-02	2.0E-10
138	3.2E+00	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	7.1E-01	9.1E-05	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10
139	2.2E+00	3.6E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11	5.6E-01	9.1E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10
140	1.6E+00	3.6E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	4.4E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11
141	1.2E+00	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11
142	8.7E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11	3.0E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.3E-11
143	6.6E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	2.5E-01	9.1E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11
144	4.6E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
145	3.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.8E-11	1.6E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11
146	2.8E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
147	2.3E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
148	6.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	6.9E-01	9.1E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
149	8.7E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	8.2E-01	9.1E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
150	1.5E+01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11	3.3E+00	9.1E-05	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.9E-10
151	1.1E+01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	2.1E+00	9.1E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10
152	6.3E+00	3.6E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	1.3E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
153	4.0E+00	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	9.1E-01	9.1E-05	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10
154	2.8E+00	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	7.0E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
155	2.1E+00	3.6E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11	5.5E-01	9.1E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	1.6E+00	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	4.5E-01	9.1E-05	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.5E-11
157	1.2E+00	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	3.7E-01	9.1E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11
158	8.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	3.0E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11
159	6.9E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
160	4.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
161	3.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
162	3.0E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
163	2.4E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
164	6.1E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	5.9E-01	9.1E-05	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
165	7.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	6.9E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
166	9.9E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11	8.2E-01	9.1E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
167	5.4E+00	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	3.0E-10
168	4.4E+00	3.6E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	1.1E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
169	3.2E+00	3.6E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	8.4E-01	9.1E-05	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10
170	2.4E+00	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	6.6E-01	9.1E-05	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10
171	1.9E+00	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
172	1.4E+00	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	4.5E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11
173	1.1E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11
174	8.1E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.9E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11
175	6.1E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
176	5.0E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
177	4.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
178	3.6E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
179	2.6E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
180	4.0E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	4.1E-01	9.1E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11
181	5.5E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	5.1E-01	9.1E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
182	6.7E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11	5.8E-01	9.1E-05	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
183	8.7E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	6.8E-01	9.1E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
184	2.5E+00	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	7.4E-01	9.1E-05	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.6E-10
185	2.0E+00	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	6.1E-01	9.1E-05	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10
186	1.6E+00	3.6E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	5.1E-01	9.1E-05	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	1.3E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	4.3E-01	9.1E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.0E-11
188	1.0E+00	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	3.5E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11
189	8.5E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	3.1E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.5E-11
190	6.0E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	3.0E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
191	5.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
192	4.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
193	3.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
194	2.9E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
195	4.0E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	3.9E-01	9.1E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11
196	4.9E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	4.4E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11
197	6.0E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	4.9E-01	9.1E-05	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10
198	1.6E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	5.3E-01	9.1E-05	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
199	1.4E+00	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	4.7E-01	9.1E-05	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.8E-11
200	1.2E+00	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	4.0E-01	9.1E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.5E-11
201	9.4E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	3.4E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11
202	8.0E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	3.0E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11
203	6.8E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	3.0E-11	2.7E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11
204	5.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
205	4.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.9E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
206	3.4E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
207	3.0E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
208	3.6E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	3.4E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11
209	4.3E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	3.8E-01	9.1E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11
210	5.2E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11
211	1.1E+00	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	4.1E-01	9.1E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11
212	1.0E+00	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	3.7E-01	9.1E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.8E-11
213	8.7E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	3.3E-01	9.1E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
214	7.3E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.9E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.1E-11
215	6.4E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
216	5.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
217	4.7E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	3.8E-01	3.6E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
219	3.0E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
220	3.3E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	3.1E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11
221	3.9E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	3.4E-01	9.1E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
222	5.8E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.5E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.2E-11
223	5.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
224	4.6E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.3E-11
225	4.0E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.8E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
226	3.5E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	1.6E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
227	3.0E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	2.0E-11	2.8E-01	9.1E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11
228	3.4E-01	3.6E-05	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
229	3.9E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	2.8E-01	9.1E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11
230	6.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11
231	5.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
232	4.3E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
233	3.8E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
234	3.3E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
235	2.6E-01	3.6E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11
236	3.0E-01	3.6E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
237	3.4E-01	3.6E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
238	5.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
239	4.9E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
240	4.5E-01	3.6E-05	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
241	4.1E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
242	3.2E-01	3.6E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
243	2.1E-01	3.6E-05	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
244	2.4E-01	3.6E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
245	2.7E-01	3.6E-05	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.5E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
246	5.3E-01	3.6E-05	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.2E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
247	4.9E-01	3.6E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
248	4.5E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	4.1E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
250	3.8E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
251	3.4E-01	3.6E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
252	3.1E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	1.5E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
253	1.7E-01	3.6E-05	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
254	1.9E-01	3.6E-05	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.2E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
255	2.2E-01	3.6E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
256	2.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
257	4.7E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
258	4.4E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
259	4.1E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
260	3.8E-01	3.6E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
261	3.5E-01	3.6E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.7E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
262	3.2E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
263	3.0E-01	3.6E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	1.5E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E-01	8.5E-06	1.8E-10	2.6E-16	9.3E+00	9.1E-05	2.2E-19
2	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E-01	8.5E-06	1.8E-10	2.7E-16	9.3E+00	9.1E-05	2.3E-19
3	2.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.3E-19
4	3.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E-01	8.5E-06	1.8E-10	3.0E-16	9.3E+00	9.1E-05	2.5E-19
5	3.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
6	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
7	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
8	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
9	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
10	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.8E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
11	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.3E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.0E-19
12	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
13	9.8E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	9.9E-20
14	7.7E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.4E-02	8.5E-06	1.8E-10	9.5E-17	9.3E+00	9.1E-05	8.0E-20
15	7.2E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-02	8.5E-06	1.8E-10	9.0E-17	9.3E+00	9.1E-05	7.6E-20
16	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.8E-19
17	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.4E-01	8.5E-06	1.8E-10	3.5E-16	9.3E+00	9.1E-05	3.0E-19
18	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.5E-01	8.5E-06	1.8E-10	3.7E-16	9.3E+00	9.1E-05	3.1E-19
19	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
20	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.4E-19
21	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
22	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
23	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
24	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
25	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.4E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
26	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.8E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
27	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.2E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.0E-19
28	7.8E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-02	8.5E-06	1.8E-10	9.8E-17	9.3E+00	9.1E-05	8.3E-20
29	4.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.9E-16	9.3E+00	9.1E-05	3.3E-19
30	4.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.4E-19
31	5.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.0E-01	8.5E-06	1.8E-10	4.5E-16	9.3E+00	9.1E-05	3.8E-19

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	5.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
33	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
34	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
35	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
36	1.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
37	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.4E-19
38	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.3E-19
39	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.6E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
40	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.0E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
41	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.1E-19
42	9.0E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-02	8.5E-06	1.8E-10	1.1E-16	9.3E+00	9.1E-05	9.7E-20
43	5.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
44	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.2E-01	8.5E-06	1.8E-10	4.8E-16	9.3E+00	9.1E-05	4.1E-19
45	6.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.0E-16	9.3E+00	9.1E-05	4.3E-19
46	6.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
47	2.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
48	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
49	2.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
50	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
51	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
52	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.4E-19
53	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.8E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
54	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
55	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
56	6.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.3E-19
57	7.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E-01	8.5E-06	1.8E-10	5.5E-16	9.3E+00	9.1E-05	4.6E-19
58	7.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
59	8.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.0E-01	8.5E-06	1.8E-10	6.0E-16	9.3E+00	9.1E-05	5.1E-19
60	8.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.2E-19
61	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.4E-16	9.3E+00	9.1E-05	5.4E-19
62	3.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
64	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
65	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
66	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.7E-19
67	1.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.0E-16	9.3E+00	9.1E-05	1.7E-19
68	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
69	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.3E-19
70	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
71	9.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.3E-19
72	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E-01	8.5E-06	1.8E-10	6.6E-16	9.3E+00	9.1E-05	5.6E-19
73	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.7E-01	8.5E-06	1.8E-10	7.0E-16	9.3E+00	9.1E-05	5.9E-19
74	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.3E-16	9.3E+00	9.1E-05	6.1E-19
75	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
76	9.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.4E-19
77	7.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
78	5.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.1E-16	9.3E+00	9.1E-05	4.3E-19
79	3.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.4E-01	8.5E-06	1.8E-10	3.6E-16	9.3E+00	9.1E-05	3.0E-19
80	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
81	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
82	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E-01	8.5E-06	1.8E-10	2.6E-16	9.3E+00	9.1E-05	2.2E-19
83	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
84	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
85	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
86	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.5E-19
87	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.8E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
88	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.2E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19
89	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.5E-01	8.5E-06	1.8E-10	8.2E-16	9.3E+00	9.1E-05	6.9E-19
90	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.0E-16	9.3E+00	9.1E-05	6.8E-19
91	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.0E-01	8.5E-06	1.8E-10	9.0E-16	9.3E+00	9.1E-05	7.6E-19
92	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.1E-16	9.3E+00	9.1E-05	7.7E-19
93	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.1E-16	9.3E+00	9.1E-05	6.8E-19

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	6.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.4E-16	9.3E+00	9.1E-05	5.4E-19
95	4.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.1E-19
96	3.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.5E-19
97	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.5E-16	9.3E+00	9.1E-05	2.9E-19
98	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
99	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E-01	8.5E-06	1.8E-10	2.7E-16	9.3E+00	9.1E-05	2.2E-19
100	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
101	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
102	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
103	2.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.1E-16	9.3E+00	9.1E-05	7.7E-19
104	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-01	8.5E-06	1.8E-10	9.8E-16	9.3E+00	9.1E-05	8.3E-19
105	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	8.9E-19
106	2.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.4E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.3E-19
107	1.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
108	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.8E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.6E-19
109	8.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19
110	7.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
111	7.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.1E-16	9.3E+00	9.1E-05	6.8E-19
112	4.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E-01	8.5E-06	1.8E-10	5.5E-16	9.3E+00	9.1E-05	4.6E-19
113	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
114	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E-01	8.5E-06	1.8E-10	4.4E-16	9.3E+00	9.1E-05	3.7E-19
115	2.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
116	2.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
117	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
118	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.3E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.2E-19
119	4.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18
120	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.7E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
121	3.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.4E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
122	2.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.7E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
123	2.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.8E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
124	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
126	9.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.3E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.2E-19
127	7.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.7E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.2E-19
128	5.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
129	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
130	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E-01	8.5E-06	1.8E-10	4.4E-16	9.3E+00	9.1E-05	3.7E-19
131	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
132	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.9E-16	9.3E+00	9.1E-05	2.4E-19
133	9.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.5E-01	8.5E-06	1.8E-10	9.8E-16	9.3E+00	9.1E-05	8.2E-19
134	1.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.4E-18
135	8.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.4E-18
136	5.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.8E-15	9.3E+00	9.1E-05	1.5E-18
137	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
138	3.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
139	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
140	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.5E-18
141	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.3E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
142	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.6E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
143	6.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.2E-16	9.3E+00	9.1E-05	7.7E-19
144	4.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.1E-01	8.5E-06	1.8E-10	6.1E-16	9.3E+00	9.1E-05	5.1E-19
145	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.2E-19
146	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.9E-16	9.3E+00	9.1E-05	3.3E-19
147	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
148	6.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.3E-01	8.5E-06	1.8E-10	7.8E-16	9.3E+00	9.1E-05	6.6E-19
149	8.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.4E-01	8.5E-06	1.8E-10	9.6E-16	9.3E+00	9.1E-05	8.0E-19
150	1.3E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
151	1.9E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.1E-15	9.3E+00	9.1E-05	1.8E-18
152	9.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.4E-15	9.3E+00	9.1E-05	2.0E-18
153	6.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.6E-15	9.3E+00	9.1E-05	2.2E-18
154	4.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
155	3.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.6E-15	9.3E+00	9.1E-05	2.2E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.4E-15	9.3E+00	9.1E-05	2.0E-18
157	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
158	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
159	8.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.7E-19
160	4.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.3E-16	9.3E+00	9.1E-05	6.1E-19
161	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
162	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.2E-16	9.3E+00	9.1E-05	3.5E-19
163	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
164	6.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.4E-19
165	8.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.2E-01	8.5E-06	1.8E-10	9.3E-16	9.3E+00	9.1E-05	7.8E-19
166	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.8E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	9.8E-19
167	1.6E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E+00	8.5E-06	1.8E-10	3.0E-15	9.3E+00	9.1E-05	2.5E-18
168	2.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E+00	8.5E-06	1.8E-10	3.4E-15	9.3E+00	9.1E-05	2.9E-18
169	1.3E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E+00	8.5E-06	1.8E-10	3.9E-15	9.3E+00	9.1E-05	3.3E-18
170	7.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.1E-15	9.3E+00	9.1E-05	3.4E-18
171	4.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.3E-18
172	3.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E+00	8.5E-06	1.8E-10	3.5E-15	9.3E+00	9.1E-05	2.9E-18
173	1.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.3E-15	9.3E+00	9.1E-05	2.0E-18
174	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.6E-15	9.3E+00	9.1E-05	1.3E-18
175	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.0E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.8E-19
176	5.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.8E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.2E-19
177	4.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.9E-16	9.3E+00	9.1E-05	5.8E-19
178	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.1E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.2E-19
179	2.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.8E-16	9.3E+00	9.1E-05	3.2E-19
180	4.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.6E-16	9.3E+00	9.1E-05	4.7E-19
181	6.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
182	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.9E-01	8.5E-06	1.8E-10	8.9E-16	9.3E+00	9.1E-05	7.5E-19
183	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.5E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.5E-19
184	2.4E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E+00	8.5E-06	1.8E-10	6.2E-15	9.3E+00	9.1E-05	5.2E-18
185	1.7E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E+00	8.5E-06	1.8E-10	6.8E-15	9.3E+00	9.1E-05	5.7E-18
186	8.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.5E+00	8.5E-06	1.8E-10	6.7E-15	9.3E+00	9.1E-05	5.6E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	4.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E+00	8.5E-06	1.8E-10	5.4E-15	9.3E+00	9.1E-05	4.6E-18
188	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
189	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.5E-15	9.3E+00	9.1E-05	2.1E-18
190	8.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
191	6.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.9E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.6E-19
192	4.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.4E-16	9.3E+00	9.1E-05	6.2E-19
193	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.0E-01	8.5E-06	1.8E-10	5.9E-16	9.3E+00	9.1E-05	5.0E-19
194	2.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.0E-01	8.5E-06	1.8E-10	4.5E-16	9.3E+00	9.1E-05	3.8E-19
195	4.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
196	5.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.9E-16	9.3E+00	9.1E-05	5.8E-19
197	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.7E-01	8.5E-06	1.8E-10	8.5E-16	9.3E+00	9.1E-05	7.1E-19
198	1.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.1E+00	8.5E-06	1.8E-10	1.4E-14	9.3E+00	9.1E-05	1.1E-17
199	1.9E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.9E+00	8.5E-06	1.8E-10	1.3E-14	9.3E+00	9.1E-05	1.1E-17
200	7.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E+00	8.5E-06	1.8E-10	9.9E-15	9.3E+00	9.1E-05	8.3E-18
201	3.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E+00	8.5E-06	1.8E-10	5.0E-15	9.3E+00	9.1E-05	4.2E-18
202	2.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
203	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.3E-15	9.3E+00	9.1E-05	2.0E-18
204	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.1E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18
205	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-01	8.5E-06	1.8E-10	9.9E-16	9.3E+00	9.1E-05	8.3E-19
206	4.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.3E-19
207	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.1E-16	9.3E+00	9.1E-05	4.3E-19
208	4.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.5E-19
209	5.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E-01	8.5E-06	1.8E-10	6.5E-16	9.3E+00	9.1E-05	5.5E-19
210	6.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.0E-16	9.3E+00	9.1E-05	6.7E-19
211	1.8E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E+00	8.5E-06	1.8E-10	1.1E-14	9.3E+00	9.1E-05	8.9E-18
212	1.4E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E+01	8.5E-06	1.8E-10	2.3E-14	9.3E+00	9.1E-05	1.9E-17
213	5.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.0E+00	8.5E-06	1.8E-10	9.0E-15	9.3E+00	9.1E-05	7.6E-18
214	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E+00	8.5E-06	1.8E-10	4.2E-15	9.3E+00	9.1E-05	3.6E-18
215	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E+00	8.5E-06	1.8E-10	2.8E-15	9.3E+00	9.1E-05	2.3E-18
216	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
217	8.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	5.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.6E-01	8.5E-06	1.8E-10	8.4E-16	9.3E+00	9.1E-05	7.0E-19
219	3.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.6E-19
220	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
221	4.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.3E-16	9.3E+00	9.1E-05	5.3E-19
222	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E+00	8.5E-06	1.8E-10	3.2E-15	9.3E+00	9.1E-05	2.7E-18
223	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.1E-15	9.3E+00	9.1E-05	1.8E-18
224	9.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.6E-15	9.3E+00	9.1E-05	1.3E-18
225	7.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	9.9E-19
226	5.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.8E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.3E-19
227	3.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.0E-16	9.3E+00	9.1E-05	4.2E-19
228	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.5E-19
229	5.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.8E-16	9.3E+00	9.1E-05	5.8E-19
230	2.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E+00	8.5E-06	1.8E-10	6.6E-15	9.3E+00	9.1E-05	5.6E-18
231	1.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.4E-18
232	9.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.8E-15	9.3E+00	9.1E-05	1.5E-18
233	7.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
234	5.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.2E-01	8.5E-06	1.8E-10	9.3E-16	9.3E+00	9.1E-05	7.8E-19
235	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.2E-16	9.3E+00	9.1E-05	3.6E-19
236	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
237	4.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.5E-16	9.3E+00	9.1E-05	5.5E-19
238	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E+00	8.5E-06	1.8E-10	6.2E-15	9.3E+00	9.1E-05	5.3E-18
239	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.3E-18
240	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
241	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
242	6.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	8.9E-19
243	2.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.8E-19
244	2.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.4E-19
245	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.2E-19
246	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E+00	8.5E-06	1.8E-10	7.5E-15	9.3E+00	9.1E-05	6.3E-18
247	1.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E+00	8.5E-06	1.8E-10	5.3E-15	9.3E+00	9.1E-05	4.5E-18
248	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.5E+00	8.5E-06	1.8E-10	3.8E-15	9.3E+00	9.1E-05	3.2E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
250	9.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
251	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
252	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.6E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
253	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.3E-19
254	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
255	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.8E-16	9.3E+00	9.1E-05	3.2E-19
256	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
257	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E+00	8.5E-06	1.8E-10	5.5E-15	9.3E+00	9.1E-05	4.6E-18
258	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E+00	8.5E-06	1.8E-10	4.3E-15	9.3E+00	9.1E-05	3.6E-18
259	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
260	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.5E-15	9.3E+00	9.1E-05	2.1E-18
261	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
262	7.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E+00	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.3E-18
263	6.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.3E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
1	1.7E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.5E-23	1.7E-02	5	2.8E-03
2	1.8E-01	1.7E-05	9.3E+00	4.4E-14	1.0E-03	8.8E-07	4.1E-23	2.6E-02	5	4.4E-03
3	1.8E-01	1.7E-05	9.3E+00	8.9E-14	1.0E-03	8.8E-07	8.2E-23	5.2E-02	5	8.7E-03
4	1.9E-01	1.7E-05	9.3E+00	4.5E-14	1.0E-03	8.8E-07	4.1E-23	2.6E-02	5	4.4E-03
5	2.0E-01	1.7E-05	9.3E+00	8.8E-14	1.0E-03	8.8E-07	8.1E-23	5.2E-02	5	8.6E-03
6	2.1E-01	1.7E-05	9.3E+00	2.5E-13	1.0E-03	8.8E-07	2.3E-22	1.4E-01	5	2.4E-02
7	8.5E-02	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.0E-03	5	1.2E-03
8	8.0E-02	1.7E-05	9.3E+00	8.4E-15	1.0E-03	8.8E-07	7.7E-24	4.9E-03	5	8.2E-04
9	7.8E-02	1.7E-05	9.3E+00	6.3E-15	1.0E-03	8.8E-07	5.8E-24	3.7E-03	5	6.1E-04
10	8.2E-02	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	4.9E-04
11	7.8E-02	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
12	7.8E-02	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
13	7.2E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
14	5.6E-02	1.7E-05	9.3E+00	1.5E-15	1.0E-03	8.8E-07	1.4E-24	8.9E-04	5	1.5E-04
15	5.4E-02	1.7E-05	9.3E+00	1.3E-15	1.0E-03	8.8E-07	1.2E-24	7.9E-04	5	1.3E-04
16	2.2E-01	1.7E-05	9.3E+00	6.8E-14	1.0E-03	8.8E-07	6.2E-23	4.0E-02	5	6.6E-03
17	2.3E-01	1.7E-05	9.3E+00	1.3E-13	1.0E-03	8.8E-07	1.2E-22	7.6E-02	5	1.3E-02
18	2.3E-01	1.7E-05	9.3E+00	3.0E-13	1.0E-03	8.8E-07	2.7E-22	1.7E-01	5	2.9E-02
19	9.8E-02	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.0E-03	5	1.5E-03
20	9.3E-02	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.7E-24	6.1E-03	5	1.0E-03
21	9.3E-02	1.7E-05	9.3E+00	7.7E-15	1.0E-03	8.8E-07	7.1E-24	4.5E-03	5	7.5E-04
22	9.2E-02	1.7E-05	9.3E+00	5.9E-15	1.0E-03	8.8E-07	5.4E-24	3.4E-03	5	5.7E-04
23	9.5E-02	1.7E-05	9.3E+00	4.7E-15	1.0E-03	8.8E-07	4.4E-24	2.8E-03	5	4.6E-04
24	9.2E-02	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07	3.5E-24	2.2E-03	5	3.7E-04
25	8.6E-02	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	3.0E-04
26	7.9E-02	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.4E-04
27	7.3E-02	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.0E-04
28	5.8E-02	1.7E-05	9.3E+00	1.4E-15	1.0E-03	8.8E-07	1.3E-24	8.5E-04	5	1.4E-04
29	2.5E-01	1.7E-05	9.3E+00	8.5E-14	1.0E-03	8.8E-07	7.8E-23	5.0E-02	5	8.3E-03
30	2.6E-01	1.7E-05	9.3E+00	1.5E-13	1.0E-03	8.8E-07	1.4E-22	9.0E-02	5	1.5E-02
31	2.8E-01	1.7E-05	9.3E+00	4.2E-13	1.0E-03	8.8E-07	3.9E-22	2.4E-01	5	4.1E-02

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
32	2.8E-01	1.7E-05	9.3E+00	2.6E-13	1.0E-03	8.8E-07	2.4E-22	1.5E-01	5	2.5E-02
33	1.1E-01	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	7.8E-03	5	1.3E-03
34	1.2E-01	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.0E-24	5.7E-03	5	9.5E-04
35	1.2E-01	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.3E-03	5	7.2E-04
36	1.1E-01	1.7E-05	9.3E+00	5.6E-15	1.0E-03	8.8E-07	5.2E-24	3.3E-03	5	5.5E-04
37	1.0E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	4.0E-24	2.5E-03	5	4.2E-04
38	9.4E-02	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
39	8.4E-02	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.6E-04
40	7.9E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
41	7.3E-02	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
42	6.7E-02	1.7E-05	9.3E+00	1.6E-15	1.0E-03	8.8E-07	1.5E-24	9.6E-04	5	1.6E-04
43	2.9E-01	1.7E-05	9.3E+00	8.6E-14	1.0E-03	8.8E-07	7.9E-23	5.0E-02	5	8.4E-03
44	3.0E-01	1.7E-05	9.3E+00	1.3E-13	1.0E-03	8.8E-07	1.2E-22	7.3E-02	5	1.2E-02
45	3.1E-01	1.7E-05	9.3E+00	1.5E-13	1.0E-03	8.8E-07	1.4E-22	8.7E-02	5	1.5E-02
46	3.2E-01	1.7E-05	9.3E+00	1.2E-13	1.0E-03	8.8E-07	1.1E-22	7.3E-02	5	1.2E-02
47	1.4E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	6.7E-03	5	1.1E-03
48	1.4E-01	1.7E-05	9.3E+00	8.7E-15	1.0E-03	8.8E-07	8.0E-24	5.1E-03	5	8.4E-04
49	1.3E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.8E-03	5	6.4E-04
50	1.1E-01	1.7E-05	9.3E+00	4.7E-15	1.0E-03	8.8E-07	4.3E-24	2.7E-03	5	4.6E-04
51	1.1E-01	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07	3.5E-24	2.2E-03	5	3.7E-04
52	9.8E-02	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.9E-24	1.8E-03	5	3.0E-04
53	8.5E-02	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.4E-03	5	2.4E-04
54	7.9E-02	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.0E-04
55	7.4E-02	1.7E-05	9.3E+00	1.8E-15	1.0E-03	8.8E-07	1.6E-24	1.0E-03	5	1.7E-04
56	3.3E-01	1.7E-05	9.3E+00	5.3E-14	1.0E-03	8.8E-07	4.9E-23	3.1E-02	5	5.2E-03
57	3.5E-01	1.7E-05	9.3E+00	6.7E-14	1.0E-03	8.8E-07	6.2E-23	4.0E-02	5	6.6E-03
58	3.5E-01	1.7E-05	9.3E+00	7.3E-14	1.0E-03	8.8E-07	6.7E-23	4.3E-02	5	7.2E-03
59	3.7E-01	1.7E-05	9.3E+00	7.2E-14	1.0E-03	8.8E-07	6.7E-23	4.3E-02	5	7.1E-03
60	3.7E-01	1.7E-05	9.3E+00	5.9E-14	1.0E-03	8.8E-07	5.4E-23	3.5E-02	5	5.9E-03
61	3.8E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	1.9E-02	5	3.1E-03
62	1.9E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.2E-23	7.9E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
63	1.7E-01	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.0E-24	5.7E-03	5	9.6E-04
64	1.7E-01	1.7E-05	9.3E+00	7.7E-15	1.0E-03	8.8E-07	7.1E-24	4.5E-03	5	7.5E-04
65	1.4E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.2E-24	3.3E-03	5	5.5E-04
66	1.2E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
67	1.2E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.5E-04
68	1.0E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
69	9.0E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.4E-03	5	2.3E-04
70	8.1E-02	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
71	4.0E-01	1.7E-05	9.3E+00	4.3E-14	1.0E-03	8.8E-07	3.9E-23	2.6E-02	5	4.3E-03
72	4.1E-01	1.7E-05	9.3E+00	4.7E-14	1.0E-03	8.8E-07	4.3E-23	2.8E-02	5	4.7E-03
73	4.3E-01	1.7E-05	9.3E+00	4.7E-14	1.0E-03	8.8E-07	4.3E-23	2.8E-02	5	4.7E-03
74	4.3E-01	1.7E-05	9.3E+00	4.1E-14	1.0E-03	8.8E-07	3.8E-23	2.5E-02	5	4.2E-03
75	4.4E-01	1.7E-05	9.3E+00	3.4E-14	1.0E-03	8.8E-07	3.2E-23	2.0E-02	5	3.4E-03
76	4.4E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.5E-23	1.6E-02	5	2.7E-03
77	4.3E-01	1.7E-05	9.3E+00	2.1E-14	1.0E-03	8.8E-07	1.9E-23	1.2E-02	5	2.1E-03
78	2.9E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	8.8E-03	5	1.5E-03
79	2.1E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.7E-24	6.1E-03	5	1.0E-03
80	2.0E-01	1.7E-05	9.3E+00	8.3E-15	1.0E-03	8.8E-07	7.6E-24	4.8E-03	5	8.1E-04
81	1.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.3E-04
82	1.5E-01	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	2.9E-03	5	4.8E-04
83	1.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
84	1.2E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
85	1.1E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.5E-03	5	2.6E-04
86	9.9E-02	1.7E-05	9.3E+00	2.2E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
87	4.6E-01	1.7E-05	9.3E+00	3.0E-14	1.0E-03	8.8E-07	2.7E-23	1.8E-02	5	3.0E-03
88	4.8E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	2.0E-02	5	3.3E-03
89	5.0E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	2.0E-02	5	3.3E-03
90	4.8E-01	1.7E-05	9.3E+00	3.5E-14	1.0E-03	8.8E-07	3.2E-23	2.2E-02	5	3.7E-03
91	5.2E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.4E-23	1.6E-02	5	2.7E-03
92	5.2E-01	1.7E-05	9.3E+00	2.2E-14	1.0E-03	8.8E-07	2.1E-23	1.3E-02	5	2.2E-03
93	4.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.8E-03

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
94	3.6E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.3E-23	8.3E-03	5	1.4E-03
95	2.8E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.9E-24	6.3E-03	5	1.0E-03
96	2.4E-01	1.7E-05	9.3E+00	8.4E-15	1.0E-03	8.8E-07	7.7E-24	4.9E-03	5	8.2E-04
97	2.0E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.8E-03	5	6.4E-04
98	1.7E-01	1.7E-05	9.3E+00	5.2E-15	1.0E-03	8.8E-07	4.8E-24	3.0E-03	5	5.1E-04
99	1.5E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.8E-24	2.4E-03	5	4.1E-04
100	1.3E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
101	1.2E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
102	1.1E-01	1.7E-05	9.3E+00	2.4E-15	1.0E-03	8.8E-07	2.2E-24	1.4E-03	5	2.3E-04
103	5.8E-01	1.7E-05	9.3E+00	2.3E-14	1.0E-03	8.8E-07	2.2E-23	1.5E-02	5	2.5E-03
104	6.0E-01	1.7E-05	9.3E+00	2.4E-14	1.0E-03	8.8E-07	2.2E-23	1.6E-02	5	2.6E-03
105	6.3E-01	1.7E-05	9.3E+00	2.3E-14	1.0E-03	8.8E-07	2.1E-23	1.4E-02	5	2.4E-03
106	6.4E-01	1.7E-05	9.3E+00	2.1E-14	1.0E-03	8.8E-07	1.9E-23	1.3E-02	5	2.1E-03
107	6.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.7E-23	1.1E-02	5	1.8E-03
108	5.4E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.1E-03	5	1.5E-03
109	4.1E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.3E-03	5	1.2E-03
110	4.1E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.9E-24	6.3E-03	5	1.0E-03
111	4.4E-01	1.7E-05	9.3E+00	9.4E-15	1.0E-03	8.8E-07	8.7E-24	5.5E-03	5	9.2E-04
112	3.0E-01	1.7E-05	9.3E+00	7.3E-15	1.0E-03	8.8E-07	6.7E-24	4.3E-03	5	7.1E-04
113	2.8E-01	1.7E-05	9.3E+00	6.2E-15	1.0E-03	8.8E-07	5.7E-24	3.7E-03	5	6.1E-04
114	2.4E-01	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	5.0E-04
115	1.9E-01	1.7E-05	9.3E+00	4.1E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
116	1.6E-01	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
117	1.3E-01	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
118	7.0E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.9E-03
119	7.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.7E-23	1.2E-02	5	2.0E-03
120	7.7E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.9E-03
121	7.9E-01	1.7E-05	9.3E+00	1.7E-14	1.0E-03	8.8E-07	1.5E-23	1.0E-02	5	1.7E-03
122	7.9E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.1E-03	5	1.5E-03
123	7.8E-01	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	8.0E-03	5	1.3E-03
124	7.4E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.0E-03	5	1.2E-03

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
125	6.6E-01	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.4E-24	6.0E-03	5	1.0E-03
126	5.7E-01	1.7E-05	9.3E+00	8.8E-15	1.0E-03	8.8E-07	8.1E-24	5.2E-03	5	8.6E-04
127	4.5E-01	1.7E-05	9.3E+00	7.5E-15	1.0E-03	8.8E-07	6.9E-24	4.4E-03	5	7.3E-04
128	3.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.7E-03	5	6.2E-04
129	3.0E-01	1.7E-05	9.3E+00	5.3E-15	1.0E-03	8.8E-07	4.9E-24	3.1E-03	5	5.2E-04
130	2.4E-01	1.7E-05	9.3E+00	4.4E-15	1.0E-03	8.8E-07	4.0E-24	2.5E-03	5	4.2E-04
131	1.8E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.2E-24	2.0E-03	5	3.3E-04
132	1.6E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
133	8.0E-01	1.7E-05	9.3E+00	8.5E-15	1.0E-03	8.8E-07	7.8E-24	5.1E-03	5	8.4E-04
134	1.0E+00	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	9.0E-03	5	1.5E-03
135	9.8E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.3E-23	9.3E-03	5	1.6E-03
136	1.0E+00	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.2E-23	8.3E-03	5	1.4E-03
137	1.0E+00	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	7.6E-03	5	1.3E-03
138	9.9E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	6.9E-03	5	1.1E-03
139	9.3E-01	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.5E-24	6.1E-03	5	1.0E-03
140	8.4E-01	1.7E-05	9.3E+00	9.1E-15	1.0E-03	8.8E-07	8.4E-24	5.4E-03	5	9.0E-04
141	7.0E-01	1.7E-05	9.3E+00	8.0E-15	1.0E-03	8.8E-07	7.4E-24	4.7E-03	5	7.9E-04
142	5.7E-01	1.7E-05	9.3E+00	7.0E-15	1.0E-03	8.8E-07	6.5E-24	4.1E-03	5	6.9E-04
143	4.6E-01	1.7E-05	9.3E+00	6.1E-15	1.0E-03	8.8E-07	5.6E-24	3.6E-03	5	6.0E-04
144	3.1E-01	1.7E-05	9.3E+00	5.0E-15	1.0E-03	8.8E-07	4.6E-24	2.9E-03	5	4.9E-04
145	2.6E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
146	2.1E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.5E-04
147	1.7E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
148	7.1E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.9E-03	5	6.4E-04
149	8.4E-01	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.4E-03	5	7.3E-04
150	1.2E+00	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.7E-03	5	1.3E-03
151	1.3E+00	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.7E-03	5	1.3E-03
152	1.3E+00	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	1.0E-23	7.0E-03	5	1.2E-03
153	1.3E+00	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.7E-24	6.5E-03	5	1.1E-03
154	1.3E+00	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.1E-24	6.0E-03	5	9.9E-04
155	1.2E+00	1.7E-05	9.3E+00	9.0E-15	1.0E-03	8.8E-07	8.3E-24	5.4E-03	5	9.0E-04

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
156	1.1E+00	1.7E-05	9.3E+00	8.1E-15	1.0E-03	8.8E-07	7.5E-24	4.9E-03	5	8.1E-04
157	9.1E-01	1.7E-05	9.3E+00	7.3E-15	1.0E-03	8.8E-07	6.7E-24	4.3E-03	5	7.2E-04
158	6.8E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.3E-04
159	5.5E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.6E-04
160	3.6E-01	1.7E-05	9.3E+00	4.8E-15	1.0E-03	8.8E-07	4.4E-24	2.8E-03	5	4.7E-04
161	2.6E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
162	2.2E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.2E-24	2.0E-03	5	3.3E-04
163	1.8E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
164	7.3E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.7E-04
165	8.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.4E-04
166	1.1E+00	1.7E-05	9.3E+00	7.1E-15	1.0E-03	8.8E-07	6.5E-24	4.2E-03	5	7.0E-04
167	1.8E+00	1.7E-05	9.3E+00	9.7E-15	1.0E-03	8.8E-07	9.0E-24	6.3E-03	5	1.1E-03
168	1.9E+00	1.7E-05	9.3E+00	9.4E-15	1.0E-03	8.8E-07	8.7E-24	6.4E-03	5	1.1E-03
169	1.9E+00	1.7E-05	9.3E+00	9.0E-15	1.0E-03	8.8E-07	8.3E-24	5.7E-03	5	9.6E-04
170	1.9E+00	1.7E-05	9.3E+00	8.5E-15	1.0E-03	8.8E-07	7.8E-24	5.3E-03	5	8.8E-04
171	1.7E+00	1.7E-05	9.3E+00	7.9E-15	1.0E-03	8.8E-07	7.3E-24	4.8E-03	5	8.0E-04
172	1.4E+00	1.7E-05	9.3E+00	7.2E-15	1.0E-03	8.8E-07	6.7E-24	4.4E-03	5	7.3E-04
173	1.0E+00	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.9E-03	5	6.4E-04
174	7.1E-01	1.7E-05	9.3E+00	5.8E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.7E-04
175	4.9E-01	1.7E-05	9.3E+00	5.0E-15	1.0E-03	8.8E-07	4.6E-24	2.9E-03	5	4.9E-04
176	4.1E-01	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.1E-24	2.6E-03	5	4.4E-04
177	3.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
178	3.1E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
179	2.0E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
180	5.7E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
181	7.2E-01	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	5.0E-04
182	9.1E-01	1.7E-05	9.3E+00	5.6E-15	1.0E-03	8.8E-07	5.1E-24	3.3E-03	5	5.5E-04
183	1.1E+00	1.7E-05	9.3E+00	6.2E-15	1.0E-03	8.8E-07	5.7E-24	3.7E-03	5	6.1E-04
184	3.0E+00	1.7E-05	9.3E+00	7.8E-15	1.0E-03	8.8E-07	7.1E-24	5.3E-03	5	8.9E-04
185	2.9E+00	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.9E-03	5	8.1E-04
186	2.5E+00	1.7E-05	9.3E+00	6.9E-15	1.0E-03	8.8E-07	6.4E-24	4.4E-03	5	7.3E-04

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
187	2.0E+00	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.9E-03	5	6.6E-04
188	1.3E+00	1.7E-05	9.3E+00	5.9E-15	1.0E-03	8.8E-07	5.4E-24	3.5E-03	5	5.9E-04
189	1.0E+00	1.7E-05	9.3E+00	5.4E-15	1.0E-03	8.8E-07	5.0E-24	3.2E-03	5	5.4E-04
190	5.7E-01	1.7E-05	9.3E+00	4.6E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.5E-04
191	4.8E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
192	3.6E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
193	3.0E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
194	2.3E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
195	5.7E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
196	7.1E-01	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.4E-04
197	9.1E-01	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	2.9E-03	5	4.9E-04
198	5.0E+00	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	4.3E-03	5	7.1E-04
199	4.1E+00	1.7E-05	9.3E+00	6.1E-15	1.0E-03	8.8E-07	5.6E-24	4.2E-03	5	7.0E-04
200	2.9E+00	1.7E-05	9.3E+00	5.8E-15	1.0E-03	8.8E-07	5.3E-24	3.7E-03	5	6.1E-04
201	1.7E+00	1.7E-05	9.3E+00	5.3E-15	1.0E-03	8.8E-07	4.9E-24	3.2E-03	5	5.4E-04
202	1.3E+00	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	3.0E-03	5	4.9E-04
203	9.6E-01	1.7E-05	9.3E+00	4.6E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.5E-04
204	5.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	3.9E-04
205	4.7E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
206	3.1E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
207	2.6E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
208	5.4E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.6E-04
209	6.8E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	3.9E-04
210	8.8E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	4.0E-24	2.6E-03	5	4.3E-04
211	6.2E+00	1.7E-05	9.3E+00	5.4E-15	1.0E-03	8.8E-07	5.0E-24	3.8E-03	5	6.3E-04
212	4.4E+00	1.7E-05	9.3E+00	5.2E-15	1.0E-03	8.8E-07	4.8E-24	3.5E-03	5	5.9E-04
213	2.5E+00	1.7E-05	9.3E+00	4.8E-15	1.0E-03	8.8E-07	4.5E-24	3.0E-03	5	5.0E-04
214	1.5E+00	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.1E-24	2.7E-03	5	4.5E-04
215	1.1E+00	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
216	8.0E-01	1.7E-05	9.3E+00	3.9E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
217	6.3E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.2E-03	5	3.6E-04

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
218	4.0E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
219	2.7E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
220	5.1E-01	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
221	6.5E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.5E-04
222	1.2E+00	1.7E-05	9.3E+00	3.9E-15	1.0E-03	8.8E-07	3.5E-24	2.3E-03	5	3.9E-04
223	8.8E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.2E-03	5	3.6E-04
224	7.0E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.4E-04
225	5.5E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
226	4.2E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
227	4.9E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	3.0E-04
228	6.4E-01	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
229	9.3E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
230	2.1E+00	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07	3.5E-24	2.3E-03	5	3.9E-04
231	1.5E+00	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.2E-03	5	3.6E-04
232	7.6E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
233	5.7E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	2.9E-04
234	4.4E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
235	4.5E-01	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.4E-03	5	2.3E-04
236	5.9E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.4E-04
237	8.3E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.5E-03	5	2.6E-04
238	2.2E+00	1.7E-05	9.3E+00	3.5E-15	1.0E-03	8.8E-07	3.2E-24	2.1E-03	5	3.6E-04
239	1.5E+00	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07	3.0E-24	2.0E-03	5	3.3E-04
240	1.1E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
241	8.5E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	3.0E-04
242	4.9E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
243	3.3E-01	1.7E-05	9.3E+00	2.0E-15	1.0E-03	8.8E-07	1.8E-24	1.2E-03	5	1.9E-04
244	4.3E-01	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	2.0E-24	1.3E-03	5	2.1E-04
245	5.5E-01	1.7E-05	9.3E+00	2.2E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
246	3.1E+00	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.1E-03	5	3.5E-04
247	2.1E+00	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	3.0E-24	2.0E-03	5	3.3E-04
248	1.5E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.8E-24	1.9E-03	5	3.1E-04

Diamond Bar - Crooked Creek
Risk From Underground Utilities - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
249	1.2E+00	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	2.9E-04
250	9.0E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
251	6.7E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
252	5.3E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.4E-04
253	2.6E-01	1.7E-05	9.3E+00	1.7E-15	1.0E-03	8.8E-07	1.6E-24	1.0E-03	5	1.7E-04
254	3.1E-01	1.7E-05	9.3E+00	1.8E-15	1.0E-03	8.8E-07	1.7E-24	1.1E-03	5	1.8E-04
255	3.9E-01	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
256	5.2E-01	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.1E-04
257	2.7E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.8E-24	1.9E-03	5	3.2E-04
258	2.0E+00	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	3.0E-04
259	1.5E+00	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.9E-04
260	1.2E+00	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
261	9.1E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
262	7.3E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.5E-04
263	6.0E-01	1.7E-05	9.3E+00	2.4E-15	1.0E-03	8.8E-07	2.2E-24	1.4E-03	5	2.3E-04

4. Risk by Construction Phase
d. Street Improvements

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	31	Receptor									
	3.6724	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.1145	1.1E-07	1.1E-07	0.0E+00	6.7363	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
2	0.1710	1.7E-07	1.7E-07	0.0E+00	10.05794	7.4E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
3	0.2730	2.7E-07	2.7E-07	0.0E+00	16.05692	7.4E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07
4	0.1804	1.8E-07	1.8E-07	0.0E+00	10.60883	7.4E-03	1.0E-03	8.2E-05	1.6E-01	1.4E-02	1.8E-07
5	0.3074	3.1E-07	3.1E-07	0.0E+00	18.084	7.4E-03	1.0E-03	1.4E-04	1.6E-01	1.4E-02	3.1E-07
6	0.6899	6.9E-07	6.9E-07	0.0E+00	40.58237	7.4E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.9E-07
7	0.0544	5.4E-08	5.4E-08	0.0E+00	3.20229	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
8	0.0390	3.9E-08	3.9E-08	0.0E+00	2.29241	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
9	0.0295	2.9E-08	2.9E-08	0.0E+00	1.73367	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
10	0.0240	2.4E-08	2.4E-08	0.0E+00	1.41353	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
11	0.0156	1.6E-08	1.6E-08	0.0E+00	0.91499	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
12	0.0132	1.3E-08	1.3E-08	0.0E+00	0.77886	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
13	0.0109	1.1E-08	1.1E-08	0.0E+00	0.64349	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
14	0.0074	7.4E-09	7.4E-09	0.0E+00	0.43543	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
15	0.0065	6.5E-09	6.5E-09	0.0E+00	0.38319	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.5E-09
16	0.2808	2.8E-07	2.8E-07	0.0E+00	16.51816	7.4E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	2.8E-07
17	0.5352	5.4E-07	5.4E-07	0.0E+00	31.47907	7.4E-03	1.0E-03	2.4E-04	1.6E-01	1.4E-02	5.4E-07
18	1.2248	1.2E-06	1.2E-06	0.0E+00	72.04279	7.4E-03	1.0E-03	5.5E-04	1.6E-01	1.4E-02	1.2E-06
19	0.0685	6.9E-08	6.9E-08	0.0E+00	4.0301	7.4E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.9E-08
20	0.0480	4.8E-08	4.8E-08	0.0E+00	2.82427	7.4E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.8E-08
21	0.0360	3.6E-08	3.6E-08	0.0E+00	2.1177	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
22	0.0276	2.8E-08	2.8E-08	0.0E+00	1.623	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
23	0.0224	2.2E-08	2.2E-08	0.0E+00	1.31958	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
24	0.0181	1.8E-08	1.8E-08	0.0E+00	1.06527	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
25	0.0147	1.5E-08	1.5E-08	0.0E+00	0.86201	7.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.5E-08
26	0.0120	1.2E-08	1.2E-08	0.0E+00	0.70775	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
27	0.0101	1.0E-08	1.0E-08	0.0E+00	0.59432	7.4E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	1.0E-08
28	0.0070	7.0E-09	7.0E-09	0.0E+00	0.41335	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
29	0.3894	3.9E-07	3.9E-07	0.0E+00	22.90285	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.9E-07
30	0.7136	7.1E-07	7.1E-07	0.0E+00	41.97378	7.4E-03	1.0E-03	3.2E-04	1.6E-01	1.4E-02	7.1E-07
31	3.6724	3.7E-06	3.7E-06	0.0E+00	216.01169	7.4E-03	1.0E-03	1.7E-03	1.6E-01	1.4E-02	3.7E-06

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

	31	Receptor									
	3.6724	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	1.1351	1.1E-06	1.1E-06	0.0E+00	66.76419	7.4E-03	1.0E-03	5.1E-04	1.6E-01	1.4E-02	1.1E-06
33	0.0599	6.0E-08	6.0E-08	0.0E+00	3.52546	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
34	0.0451	4.5E-08	4.5E-08	0.0E+00	2.65194	7.4E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.5E-08
35	0.0346	3.5E-08	3.5E-08	0.0E+00	2.03613	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
36	0.0265	2.7E-08	2.7E-08	0.0E+00	1.55944	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
37	0.0204	2.0E-08	2.0E-08	0.0E+00	1.20269	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
38	0.0162	1.6E-08	1.6E-08	0.0E+00	0.95539	7.4E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
39	0.0130	1.3E-08	1.3E-08	0.0E+00	0.76709	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
40	0.0110	1.1E-08	1.1E-08	0.0E+00	0.64574	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
41	0.0093	9.3E-09	9.3E-09	0.0E+00	0.54687	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09
42	0.0079	7.9E-09	7.9E-09	0.0E+00	0.46753	7.4E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.9E-09
43	0.4274	4.3E-07	4.3E-07	0.0E+00	25.13992	7.4E-03	1.0E-03	1.9E-04	1.6E-01	1.4E-02	4.3E-07
44	0.6705	6.7E-07	6.7E-07	0.0E+00	39.44009	7.4E-03	1.0E-03	3.0E-04	1.6E-01	1.4E-02	6.7E-07
45	0.9072	9.1E-07	9.1E-07	0.0E+00	53.36445	7.4E-03	1.0E-03	4.1E-04	1.6E-01	1.4E-02	9.1E-07
46	0.6752	6.8E-07	6.8E-07	0.0E+00	39.71483	7.4E-03	1.0E-03	3.1E-04	1.6E-01	1.4E-02	6.8E-07
47	0.0530	5.3E-08	5.3E-08	0.0E+00	3.11816	7.4E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.3E-08
48	0.0403	4.0E-08	4.0E-08	0.0E+00	2.36926	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
49	0.0306	3.1E-08	3.1E-08	0.0E+00	1.80279	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
50	0.0223	2.2E-08	2.2E-08	0.0E+00	1.31028	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
51	0.0183	1.8E-08	1.8E-08	0.0E+00	1.07671	7.4E-03	1.0E-03	8.3E-06	1.6E-01	1.4E-02	1.8E-08
52	0.0149	1.5E-08	1.5E-08	0.0E+00	0.87457	7.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
53	0.0118	1.2E-08	1.2E-08	0.0E+00	0.69693	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
54	0.0100	1.0E-08	1.0E-08	0.0E+00	0.59095	7.4E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	1.0E-08
55	0.0086	8.6E-09	8.6E-09	0.0E+00	0.50865	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
56	0.2714	2.7E-07	2.7E-07	0.0E+00	15.96608	7.4E-03	1.0E-03	1.2E-04	1.6E-01	1.4E-02	2.7E-07
57	0.3594	3.6E-07	3.6E-07	0.0E+00	21.14182	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.6E-07
58	0.3999	4.0E-07	4.0E-07	0.0E+00	23.52072	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
59	0.3877	3.9E-07	3.9E-07	0.0E+00	22.80554	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	3.9E-07
60	0.2959	3.0E-07	3.0E-07	0.0E+00	17.40266	7.4E-03	1.0E-03	1.3E-04	1.6E-01	1.4E-02	3.0E-07
61	0.1520	1.5E-07	1.5E-07	0.0E+00	8.93823	7.4E-03	1.0E-03	6.9E-05	1.6E-01	1.4E-02	1.5E-07
62	0.0627	6.3E-08	6.3E-08	0.0E+00	3.68944	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

	31	Receptor									
	3.6724	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
63	0.0459	4.6E-08	4.6E-08	0.0E+00	2.70218	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
64	0.0364	3.6E-08	3.6E-08	0.0E+00	2.14363	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
65	0.0270	2.7E-08	2.7E-08	0.0E+00	1.58582	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
66	0.0203	2.0E-08	2.0E-08	0.0E+00	1.19694	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
67	0.0170	1.7E-08	1.7E-08	0.0E+00	1.00212	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
68	0.0137	1.4E-08	1.4E-08	0.0E+00	0.80755	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
69	0.0112	1.1E-08	1.1E-08	0.0E+00	0.65622	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
70	0.0094	9.4E-09	9.4E-09	0.0E+00	0.55136	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.4E-09
71	0.2247	2.2E-07	2.2E-07	0.0E+00	13.21841	7.4E-03	1.0E-03	1.0E-04	1.6E-01	1.4E-02	2.2E-07
72	0.2507	2.5E-07	2.5E-07	0.0E+00	14.74536	7.4E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.5E-07
73	0.2454	2.5E-07	2.5E-07	0.0E+00	14.43188	7.4E-03	1.0E-03	1.1E-04	1.6E-01	1.4E-02	2.5E-07
74	0.2082	2.1E-07	2.1E-07	0.0E+00	12.24549	7.4E-03	1.0E-03	9.4E-05	1.6E-01	1.4E-02	2.1E-07
75	0.1698	1.7E-07	1.7E-07	0.0E+00	9.98578	7.4E-03	1.0E-03	7.7E-05	1.6E-01	1.4E-02	1.7E-07
76	0.1322	1.3E-07	1.3E-07	0.0E+00	7.77783	7.4E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
77	0.1020	1.0E-07	1.0E-07	0.0E+00	6.00088	7.4E-03	1.0E-03	4.6E-05	1.6E-01	1.4E-02	1.0E-07
78	0.0718	7.2E-08	7.2E-08	0.0E+00	4.22147	7.4E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.2E-08
79	0.0498	5.0E-08	5.0E-08	0.0E+00	2.92685	7.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
80	0.0394	3.9E-08	3.9E-08	0.0E+00	2.31678	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
81	0.0306	3.1E-08	3.1E-08	0.0E+00	1.8018	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
82	0.0234	2.3E-08	2.3E-08	0.0E+00	1.37664	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
83	0.0190	1.9E-08	1.9E-08	0.0E+00	1.11646	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
84	0.0153	1.5E-08	1.5E-08	0.0E+00	0.89858	7.4E-03	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
85	0.0128	1.3E-08	1.3E-08	0.0E+00	0.75027	7.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
86	0.0108	1.1E-08	1.1E-08	0.0E+00	0.63744	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
87	0.1544	1.5E-07	1.5E-07	0.0E+00	9.08066	7.4E-03	1.0E-03	7.0E-05	1.6E-01	1.4E-02	1.5E-07
88	0.1678	1.7E-07	1.7E-07	0.0E+00	9.87196	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
89	0.1669	1.7E-07	1.7E-07	0.0E+00	9.81734	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
90	0.1790	1.8E-07	1.8E-07	0.0E+00	10.52665	7.4E-03	1.0E-03	8.1E-05	1.6E-01	1.4E-02	1.8E-07
91	0.1330	1.3E-07	1.3E-07	0.0E+00	7.82025	7.4E-03	1.0E-03	6.0E-05	1.6E-01	1.4E-02	1.3E-07
92	0.1107	1.1E-07	1.1E-07	0.0E+00	6.51194	7.4E-03	1.0E-03	5.0E-05	1.6E-01	1.4E-02	1.1E-07
93	0.0880	8.8E-08	8.8E-08	0.0E+00	5.17508	7.4E-03	1.0E-03	4.0E-05	1.6E-01	1.4E-02	8.8E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

	31	Receptor									
	3.6724	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
94	0.0685	6.8E-08	6.8E-08	0.0E+00	4.02758	7.4E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.8E-08
95	0.0518	5.2E-08	5.2E-08	0.0E+00	3.04602	7.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.2E-08
96	0.0404	4.0E-08	4.0E-08	0.0E+00	2.37435	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
97	0.0313	3.1E-08	3.1E-08	0.0E+00	1.84172	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
98	0.0250	2.5E-08	2.5E-08	0.0E+00	1.46938	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
99	0.0200	2.0E-08	2.0E-08	0.0E+00	1.17713	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
100	0.0164	1.6E-08	1.6E-08	0.0E+00	0.96375	7.4E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
101	0.0137	1.4E-08	1.4E-08	0.0E+00	0.80291	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
102	0.0116	1.2E-08	1.2E-08	0.0E+00	0.68243	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
103	0.1209	1.2E-07	1.2E-07	0.0E+00	7.1133	7.4E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07
104	0.1223	1.2E-07	1.2E-07	0.0E+00	7.19298	7.4E-03	1.0E-03	5.5E-05	1.6E-01	1.4E-02	1.2E-07
105	0.1163	1.2E-07	1.2E-07	0.0E+00	6.84327	7.4E-03	1.0E-03	5.3E-05	1.6E-01	1.4E-02	1.2E-07
106	0.1049	1.0E-07	1.0E-07	0.0E+00	6.17307	7.4E-03	1.0E-03	4.8E-05	1.6E-01	1.4E-02	1.0E-07
107	0.0916	9.2E-08	9.2E-08	0.0E+00	5.39026	7.4E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.2E-08
108	0.0763	7.6E-08	7.6E-08	0.0E+00	4.48598	7.4E-03	1.0E-03	3.5E-05	1.6E-01	1.4E-02	7.6E-08
109	0.0612	6.1E-08	6.1E-08	0.0E+00	3.59795	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.1E-08
110	0.0526	5.3E-08	5.3E-08	0.0E+00	3.09156	7.4E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.3E-08
111	0.0462	4.6E-08	4.6E-08	0.0E+00	2.71868	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
112	0.0355	3.6E-08	3.6E-08	0.0E+00	2.09027	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
113	0.0304	3.0E-08	3.0E-08	0.0E+00	1.78526	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
114	0.0249	2.5E-08	2.5E-08	0.0E+00	1.46465	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
115	0.0196	2.0E-08	2.0E-08	0.0E+00	1.15449	7.4E-03	1.0E-03	8.9E-06	1.6E-01	1.4E-02	2.0E-08
116	0.0160	1.6E-08	1.6E-08	0.0E+00	0.93985	7.4E-03	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
117	0.0129	1.3E-08	1.3E-08	0.0E+00	0.75614	7.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
118	0.0915	9.2E-08	9.2E-08	0.0E+00	5.38424	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.2E-08
119	0.0918	9.2E-08	9.2E-08	0.0E+00	5.39789	7.4E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.2E-08
120	0.0902	9.0E-08	9.0E-08	0.0E+00	5.30416	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
121	0.0841	8.4E-08	8.4E-08	0.0E+00	4.94391	7.4E-03	1.0E-03	3.8E-05	1.6E-01	1.4E-02	8.4E-08
122	0.0756	7.6E-08	7.6E-08	0.0E+00	4.44795	7.4E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.6E-08
123	0.0668	6.7E-08	6.7E-08	0.0E+00	3.92922	7.4E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.7E-08
124	0.0582	5.8E-08	5.8E-08	0.0E+00	3.42233	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.8E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

	31	Receptor									
	3.6724	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0503	5.0E-08	5.0E-08	0.0E+00	2.95882	7.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
126	0.0434	4.3E-08	4.3E-08	0.0E+00	2.55514	7.4E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.3E-08
127	0.0368	3.7E-08	3.7E-08	0.0E+00	2.16336	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
128	0.0313	3.1E-08	3.1E-08	0.0E+00	1.84279	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
129	0.0260	2.6E-08	2.6E-08	0.0E+00	1.52998	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
130	0.0212	2.1E-08	2.1E-08	0.0E+00	1.2488	7.4E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
131	0.0167	1.7E-08	1.7E-08	0.0E+00	0.97978	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
132	0.0145	1.5E-08	1.5E-08	0.0E+00	0.85378	7.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.5E-08
133	0.0428	4.3E-08	4.3E-08	0.0E+00	2.51818	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
134	0.0663	6.6E-08	6.6E-08	0.0E+00	3.90185	7.4E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.6E-08
135	0.0719	7.2E-08	7.2E-08	0.0E+00	4.22851	7.4E-03	1.0E-03	3.3E-05	1.6E-01	1.4E-02	7.2E-08
136	0.0681	6.8E-08	6.8E-08	0.0E+00	4.00759	7.4E-03	1.0E-03	3.1E-05	1.6E-01	1.4E-02	6.8E-08
137	0.0630	6.3E-08	6.3E-08	0.0E+00	3.70637	7.4E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
138	0.0569	5.7E-08	5.7E-08	0.0E+00	3.34866	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
139	0.0510	5.1E-08	5.1E-08	0.0E+00	2.99768	7.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.1E-08
140	0.0451	4.5E-08	4.5E-08	0.0E+00	2.65492	7.4E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.5E-08
141	0.0397	4.0E-08	4.0E-08	0.0E+00	2.33577	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
142	0.0348	3.5E-08	3.5E-08	0.0E+00	2.04527	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
143	0.0302	3.0E-08	3.0E-08	0.0E+00	1.77577	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
144	0.0244	2.4E-08	2.4E-08	0.0E+00	1.4323	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
145	0.0208	2.1E-08	2.1E-08	0.0E+00	1.22305	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
146	0.0174	1.7E-08	1.7E-08	0.0E+00	1.02336	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
147	0.0146	1.5E-08	1.5E-08	0.0E+00	0.85748	7.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.5E-08
148	0.0326	3.3E-08	3.3E-08	0.0E+00	1.91888	7.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
149	0.0372	3.7E-08	3.7E-08	0.0E+00	2.18569	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
150	0.0590	5.9E-08	5.9E-08	0.0E+00	3.47136	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
151	0.0585	5.9E-08	5.9E-08	0.0E+00	3.44146	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
152	0.0564	5.6E-08	5.6E-08	0.0E+00	3.31807	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.6E-08
153	0.0529	5.3E-08	5.3E-08	0.0E+00	3.11407	7.4E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.3E-08
154	0.0489	4.9E-08	4.9E-08	0.0E+00	2.87899	7.4E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.9E-08
155	0.0446	4.5E-08	4.5E-08	0.0E+00	2.62167	7.4E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.5E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	3.6724	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
156	0.0402	4.0E-08	4.0E-08	4.0E-08	0.0E+00	2.3636	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
157	0.0361	3.6E-08	3.6E-08	3.6E-08	0.0E+00	2.12246	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
158	0.0320	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.88154	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
159	0.0285	2.8E-08	2.8E-08	2.8E-08	0.0E+00	1.67441	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
160	0.0235	2.3E-08	2.3E-08	2.3E-08	0.0E+00	1.38117	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
161	0.0194	1.9E-08	1.9E-08	1.9E-08	0.0E+00	1.13927	7.4E-03	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
162	0.0168	1.7E-08	1.7E-08	1.7E-08	0.0E+00	0.98533	7.4E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.7E-08
163	0.0144	1.4E-08	1.4E-08	1.4E-08	0.0E+00	0.84704	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
164	0.0286	2.9E-08	2.9E-08	2.9E-08	0.0E+00	1.68365	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
165	0.0323	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.89876	7.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
166	0.0357	3.6E-08	3.6E-08	3.6E-08	0.0E+00	2.09865	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
167	0.0489	4.9E-08	4.9E-08	4.9E-08	0.0E+00	2.8777	7.4E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.9E-08
168	0.0473	4.7E-08	4.7E-08	4.7E-08	0.0E+00	2.78145	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
169	0.0451	4.5E-08	4.5E-08	4.5E-08	0.0E+00	2.65147	7.4E-03	1.0E-03	2.0E-05	1.6E-01	1.4E-02	4.5E-08
170	0.0422	4.2E-08	4.2E-08	4.2E-08	0.0E+00	2.48238	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.2E-08
171	0.0391	3.9E-08	3.9E-08	3.9E-08	0.0E+00	2.29883	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
172	0.0357	3.6E-08	3.6E-08	3.6E-08	0.0E+00	2.10249	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
173	0.0323	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.89946	7.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
174	0.0285	2.9E-08	2.9E-08	2.9E-08	0.0E+00	1.67814	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
175	0.0245	2.5E-08	2.5E-08	2.5E-08	0.0E+00	1.44206	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
176	0.0222	2.2E-08	2.2E-08	2.2E-08	0.0E+00	1.30691	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
177	0.0199	2.0E-08	2.0E-08	2.0E-08	0.0E+00	1.17066	7.4E-03	1.0E-03	9.0E-06	1.6E-01	1.4E-02	2.0E-08
178	0.0185	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.08611	7.4E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
179	0.0145	1.5E-08	1.5E-08	1.5E-08	0.0E+00	0.85383	7.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.5E-08
180	0.0211	2.1E-08	2.1E-08	2.1E-08	0.0E+00	1.24319	7.4E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
181	0.0254	2.5E-08	2.5E-08	2.5E-08	0.0E+00	1.49554	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.5E-08
182	0.0280	2.8E-08	2.8E-08	2.8E-08	0.0E+00	1.64719	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
183	0.0311	3.1E-08	3.1E-08	3.1E-08	0.0E+00	1.8273	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
184	0.0387	3.9E-08	3.9E-08	3.9E-08	0.0E+00	2.27641	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.9E-08
185	0.0367	3.7E-08	3.7E-08	3.7E-08	0.0E+00	2.1578	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
186	0.0344	3.4E-08	3.4E-08	3.4E-08	0.0E+00	2.02217	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	3.6724	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
187	0.0318	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.87335	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
188	0.0291	2.9E-08	2.9E-08	2.9E-08	0.0E+00	1.71373	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
189	0.0268	2.7E-08	2.7E-08	2.7E-08	0.0E+00	1.57814	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
190	0.0227	2.3E-08	2.3E-08	2.3E-08	0.0E+00	1.33721	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08
191	0.0210	2.1E-08	2.1E-08	2.1E-08	0.0E+00	1.23512	7.4E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
192	0.0185	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.0875	7.4E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
193	0.0168	1.7E-08	1.7E-08	1.7E-08	0.0E+00	0.98785	7.4E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.7E-08
194	0.0148	1.5E-08	1.5E-08	1.5E-08	0.0E+00	0.86782	7.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
195	0.0202	2.0E-08	2.0E-08	2.0E-08	0.0E+00	1.1877	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
196	0.0225	2.3E-08	2.3E-08	2.3E-08	0.0E+00	1.32564	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08
197	0.0247	2.5E-08	2.5E-08	2.5E-08	0.0E+00	1.45401	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
198	0.0319	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.87833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
199	0.0304	3.0E-08	3.0E-08	3.0E-08	0.0E+00	1.78639	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
200	0.0284	2.8E-08	2.8E-08	2.8E-08	0.0E+00	1.67327	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
201	0.0263	2.6E-08	2.6E-08	2.6E-08	0.0E+00	1.54684	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
202	0.0245	2.4E-08	2.4E-08	2.4E-08	0.0E+00	1.43957	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
203	0.0227	2.3E-08	2.3E-08	2.3E-08	0.0E+00	1.33407	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08
204	0.0197	2.0E-08	2.0E-08	2.0E-08	0.0E+00	1.15842	7.4E-03	1.0E-03	8.9E-06	1.6E-01	1.4E-02	2.0E-08
205	0.0185	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.08639	7.4E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
206	0.0157	1.6E-08	1.6E-08	1.6E-08	0.0E+00	0.92305	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
207	0.0144	1.4E-08	1.4E-08	1.4E-08	0.0E+00	0.84726	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
208	0.0181	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.06664	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
209	0.0199	2.0E-08	2.0E-08	2.0E-08	0.0E+00	1.17194	7.4E-03	1.0E-03	9.0E-06	1.6E-01	1.4E-02	2.0E-08
210	0.0218	2.2E-08	2.2E-08	2.2E-08	0.0E+00	1.27955	7.4E-03	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.2E-08
211	0.0268	2.7E-08	2.7E-08	2.7E-08	0.0E+00	1.57626	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
212	0.0256	2.6E-08	2.6E-08	2.6E-08	0.0E+00	1.50412	7.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
213	0.0240	2.4E-08	2.4E-08	2.4E-08	0.0E+00	1.41201	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
214	0.0223	2.2E-08	2.2E-08	2.2E-08	0.0E+00	1.31149	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
215	0.0209	2.1E-08	2.1E-08	2.1E-08	0.0E+00	1.22685	7.4E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.1E-08
216	0.0194	1.9E-08	1.9E-08	1.9E-08	0.0E+00	1.14032	7.4E-03	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
217	0.0181	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.06182	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	31	Receptor									
	3.6724	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
218	0.0159	1.6E-08	1.6E-08	0.0E+00	0.93666	7.4E-03	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
219	0.0136	1.4E-08	1.4E-08	0.0E+00	0.80109	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
220	0.0164	1.6E-08	1.6E-08	0.0E+00	0.96633	7.4E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
221	0.0180	1.8E-08	1.8E-08	0.0E+00	1.05612	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
222	0.0191	1.9E-08	1.9E-08	0.0E+00	1.12579	7.4E-03	1.0E-03	8.7E-06	1.6E-01	1.4E-02	1.9E-08
223	0.0179	1.8E-08	1.8E-08	0.0E+00	1.05481	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
224	0.0169	1.7E-08	1.7E-08	0.0E+00	0.99218	7.4E-03	1.0E-03	7.6E-06	1.6E-01	1.4E-02	1.7E-08
225	0.0158	1.6E-08	1.6E-08	0.0E+00	0.92706	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
226	0.0145	1.5E-08	1.5E-08	0.0E+00	0.85541	7.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.5E-08
227	0.0150	1.5E-08	1.5E-08	0.0E+00	0.88442	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
228	0.0133	1.3E-08	1.3E-08	0.0E+00	0.78338	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
229	0.0141	1.4E-08	1.4E-08	0.0E+00	0.83125	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
230	0.0188	1.9E-08	1.9E-08	0.0E+00	1.10639	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
231	0.0178	1.8E-08	1.8E-08	0.0E+00	1.0456	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
232	0.0157	1.6E-08	1.6E-08	0.0E+00	0.92399	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
233	0.0147	1.5E-08	1.5E-08	0.0E+00	0.86333	7.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
234	0.0137	1.4E-08	1.4E-08	0.0E+00	0.80333	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
235	0.0114	1.1E-08	1.1E-08	0.0E+00	0.67048	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
236	0.0121	1.2E-08	1.2E-08	0.0E+00	0.71292	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
237	0.0127	1.3E-08	1.3E-08	0.0E+00	0.74864	7.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
238	0.0173	1.7E-08	1.7E-08	0.0E+00	1.01558	7.4E-03	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
239	0.0164	1.6E-08	1.6E-08	0.0E+00	0.96174	7.4E-03	1.0E-03	7.4E-06	1.6E-01	1.4E-02	1.6E-08
240	0.0155	1.6E-08	1.6E-08	0.0E+00	0.91325	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
241	0.0147	1.5E-08	1.5E-08	0.0E+00	0.8648	7.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
242	0.0130	1.3E-08	1.3E-08	0.0E+00	0.76377	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
243	0.0097	9.7E-09	9.7E-09	0.0E+00	0.57128	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
244	0.0105	1.0E-08	1.0E-08	0.0E+00	0.6167	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
245	0.0111	1.1E-08	1.1E-08	0.0E+00	0.65188	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
246	0.0166	1.7E-08	1.7E-08	0.0E+00	0.97582	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
247	0.0159	1.6E-08	1.6E-08	0.0E+00	0.93479	7.4E-03	1.0E-03	7.2E-06	1.6E-01	1.4E-02	1.6E-08
248	0.0151	1.5E-08	1.5E-08	0.0E+00	0.89034	7.4E-03	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

	31	Receptor									
	3.6724	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0144	1.4E-08	1.4E-08	0.0E+00	0.84953	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
250	0.0137	1.4E-08	1.4E-08	0.0E+00	0.8082	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
251	0.0130	1.3E-08	1.3E-08	0.0E+00	0.76265	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
252	0.0123	1.2E-08	1.2E-08	0.0E+00	0.721	7.4E-03	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
253	0.0083	8.3E-09	8.3E-09	0.0E+00	0.49091	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
254	0.0089	8.9E-09	8.9E-09	0.0E+00	0.52236	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.9E-09
255	0.0096	9.6E-09	9.6E-09	0.0E+00	0.56279	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.6E-09
256	0.0103	1.0E-08	1.0E-08	0.0E+00	0.60412	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
257	0.0152	1.5E-08	1.5E-08	0.0E+00	0.89661	7.4E-03	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
258	0.0147	1.5E-08	1.5E-08	0.0E+00	0.86331	7.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.5E-08
259	0.0141	1.4E-08	1.4E-08	0.0E+00	0.82781	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
260	0.0134	1.3E-08	1.3E-08	0.0E+00	0.79007	7.4E-03	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
261	0.0128	1.3E-08	1.3E-08	0.0E+00	0.75499	7.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
262	0.0122	1.2E-08	1.2E-08	0.0E+00	0.71958	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
263	0.0117	1.2E-08	1.2E-08	0.0E+00	0.68646	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
1	5.0E-02	5	8.3E-03
2	7.4E-02	5	1.2E-02
3	1.2E-01	5	2.0E-02
4	7.8E-02	5	1.3E-02
5	1.3E-01	5	2.2E-02
6	3.0E-01	5	5.0E-02
7	2.4E-02	5	3.9E-03
8	1.7E-02	5	2.8E-03
9	1.3E-02	5	2.1E-03
10	1.0E-02	5	1.7E-03
11	6.7E-03	5	1.1E-03
12	5.7E-03	5	9.6E-04
13	4.7E-03	5	7.9E-04
14	3.2E-03	5	5.3E-04
15	2.8E-03	5	4.7E-04
16	1.2E-01	5	2.0E-02
17	2.3E-01	5	3.9E-02
18	5.3E-01	5	8.8E-02
19	3.0E-02	5	5.0E-03
20	2.1E-02	5	3.5E-03
21	1.6E-02	5	2.6E-03
22	1.2E-02	5	2.0E-03
23	9.7E-03	5	1.6E-03
24	7.9E-03	5	1.3E-03
25	6.4E-03	5	1.1E-03
26	5.2E-03	5	8.7E-04
27	4.4E-03	5	7.3E-04
28	3.0E-03	5	5.1E-04
29	1.7E-01	5	2.8E-02
30	3.1E-01	5	5.2E-02
31	1.6E+00	5	2.7E-01

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
32	4.9E-01	5	8.2E-02
33	2.6E-02	5	4.3E-03
34	2.0E-02	5	3.3E-03
35	1.5E-02	5	2.5E-03
36	1.1E-02	5	1.9E-03
37	8.9E-03	5	1.5E-03
38	7.0E-03	5	1.2E-03
39	5.7E-03	5	9.4E-04
40	4.8E-03	5	7.9E-04
41	4.0E-03	5	6.7E-04
42	3.4E-03	5	5.7E-04
43	1.9E-01	5	3.1E-02
44	2.9E-01	5	4.8E-02
45	3.9E-01	5	6.6E-02
46	2.9E-01	5	4.9E-02
47	2.3E-02	5	3.8E-03
48	1.7E-02	5	2.9E-03
49	1.3E-02	5	2.2E-03
50	9.7E-03	5	1.6E-03
51	7.9E-03	5	1.3E-03
52	6.4E-03	5	1.1E-03
53	5.1E-03	5	8.6E-04
54	4.4E-03	5	7.3E-04
55	3.7E-03	5	6.2E-04
56	1.2E-01	5	2.0E-02
57	1.6E-01	5	2.6E-02
58	1.7E-01	5	2.9E-02
59	1.7E-01	5	2.8E-02
60	1.3E-01	5	2.1E-02
61	6.6E-02	5	1.1E-02
62	2.7E-02	5	4.5E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
63	2.0E-02	5	3.3E-03
64	1.6E-02	5	2.6E-03
65	1.2E-02	5	1.9E-03
66	8.8E-03	5	1.5E-03
67	7.4E-03	5	1.2E-03
68	6.0E-03	5	9.9E-04
69	4.8E-03	5	8.1E-04
70	4.1E-03	5	6.8E-04
71	9.7E-02	5	1.6E-02
72	1.1E-01	5	1.8E-02
73	1.1E-01	5	1.8E-02
74	9.0E-02	5	1.5E-02
75	7.4E-02	5	1.2E-02
76	5.7E-02	5	9.6E-03
77	4.4E-02	5	7.4E-03
78	3.1E-02	5	5.2E-03
79	2.2E-02	5	3.6E-03
80	1.7E-02	5	2.8E-03
81	1.3E-02	5	2.2E-03
82	1.0E-02	5	1.7E-03
83	8.2E-03	5	1.4E-03
84	6.6E-03	5	1.1E-03
85	5.5E-03	5	9.2E-04
86	4.7E-03	5	7.8E-04
87	6.7E-02	5	1.1E-02
88	7.3E-02	5	1.2E-02
89	7.2E-02	5	1.2E-02
90	7.8E-02	5	1.3E-02
91	5.8E-02	5	9.6E-03
92	4.8E-02	5	8.0E-03
93	3.8E-02	5	6.4E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
94	3.0E-02	5	4.9E-03
95	2.2E-02	5	3.7E-03
96	1.7E-02	5	2.9E-03
97	1.4E-02	5	2.3E-03
98	1.1E-02	5	1.8E-03
99	8.7E-03	5	1.4E-03
100	7.1E-03	5	1.2E-03
101	5.9E-03	5	9.9E-04
102	5.0E-03	5	8.4E-04
103	5.2E-02	5	8.7E-03
104	5.3E-02	5	8.8E-03
105	5.0E-02	5	8.4E-03
106	4.5E-02	5	7.6E-03
107	4.0E-02	5	6.6E-03
108	3.3E-02	5	5.5E-03
109	2.7E-02	5	4.4E-03
110	2.3E-02	5	3.8E-03
111	2.0E-02	5	3.3E-03
112	1.5E-02	5	2.6E-03
113	1.3E-02	5	2.2E-03
114	1.1E-02	5	1.8E-03
115	8.5E-03	5	1.4E-03
116	6.9E-03	5	1.2E-03
117	5.6E-03	5	9.3E-04
118	4.0E-02	5	6.6E-03
119	4.0E-02	5	6.6E-03
120	3.9E-02	5	6.5E-03
121	3.6E-02	5	6.1E-03
122	3.3E-02	5	5.5E-03
123	2.9E-02	5	4.8E-03
124	2.5E-02	5	4.2E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
125	2.2E-02	5	3.6E-03
126	1.9E-02	5	3.1E-03
127	1.6E-02	5	2.7E-03
128	1.4E-02	5	2.3E-03
129	1.1E-02	5	1.9E-03
130	9.2E-03	5	1.5E-03
131	7.2E-03	5	1.2E-03
132	6.3E-03	5	1.0E-03
133	1.9E-02	5	3.1E-03
134	2.9E-02	5	4.8E-03
135	3.1E-02	5	5.2E-03
136	3.0E-02	5	4.9E-03
137	2.7E-02	5	4.6E-03
138	2.5E-02	5	4.1E-03
139	2.2E-02	5	3.7E-03
140	2.0E-02	5	3.3E-03
141	1.7E-02	5	2.9E-03
142	1.5E-02	5	2.5E-03
143	1.3E-02	5	2.2E-03
144	1.1E-02	5	1.8E-03
145	9.0E-03	5	1.5E-03
146	7.5E-03	5	1.3E-03
147	6.3E-03	5	1.1E-03
148	1.4E-02	5	2.4E-03
149	1.6E-02	5	2.7E-03
150	2.6E-02	5	4.3E-03
151	2.5E-02	5	4.2E-03
152	2.4E-02	5	4.1E-03
153	2.3E-02	5	3.8E-03
154	2.1E-02	5	3.5E-03
155	1.9E-02	5	3.2E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
156	1.7E-02	5	2.9E-03
157	1.6E-02	5	2.6E-03
158	1.4E-02	5	2.3E-03
159	1.2E-02	5	2.1E-03
160	1.0E-02	5	1.7E-03
161	8.4E-03	5	1.4E-03
162	7.3E-03	5	1.2E-03
163	6.2E-03	5	1.0E-03
164	1.2E-02	5	2.1E-03
165	1.4E-02	5	2.3E-03
166	1.5E-02	5	2.6E-03
167	2.1E-02	5	3.5E-03
168	2.0E-02	5	3.4E-03
169	2.0E-02	5	3.3E-03
170	1.8E-02	5	3.0E-03
171	1.7E-02	5	2.8E-03
172	1.5E-02	5	2.6E-03
173	1.4E-02	5	2.3E-03
174	1.2E-02	5	2.1E-03
175	1.1E-02	5	1.8E-03
176	9.6E-03	5	1.6E-03
177	8.6E-03	5	1.4E-03
178	8.0E-03	5	1.3E-03
179	6.3E-03	5	1.0E-03
180	9.2E-03	5	1.5E-03
181	1.1E-02	5	1.8E-03
182	1.2E-02	5	2.0E-03
183	1.3E-02	5	2.2E-03
184	1.7E-02	5	2.8E-03
185	1.6E-02	5	2.7E-03
186	1.5E-02	5	2.5E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
187	1.4E-02	5	2.3E-03
188	1.3E-02	5	2.1E-03
189	1.2E-02	5	1.9E-03
190	9.9E-03	5	1.6E-03
191	9.1E-03	5	1.5E-03
192	8.0E-03	5	1.3E-03
193	7.3E-03	5	1.2E-03
194	6.4E-03	5	1.1E-03
195	8.8E-03	5	1.5E-03
196	9.8E-03	5	1.6E-03
197	1.1E-02	5	1.8E-03
198	1.4E-02	5	2.3E-03
199	1.3E-02	5	2.2E-03
200	1.2E-02	5	2.1E-03
201	1.1E-02	5	1.9E-03
202	1.1E-02	5	1.8E-03
203	9.8E-03	5	1.6E-03
204	8.5E-03	5	1.4E-03
205	8.0E-03	5	1.3E-03
206	6.8E-03	5	1.1E-03
207	6.2E-03	5	1.0E-03
208	7.9E-03	5	1.3E-03
209	8.6E-03	5	1.4E-03
210	9.4E-03	5	1.6E-03
211	1.2E-02	5	1.9E-03
212	1.1E-02	5	1.8E-03
213	1.0E-02	5	1.7E-03
214	9.7E-03	5	1.6E-03
215	9.0E-03	5	1.5E-03
216	8.4E-03	5	1.4E-03
217	7.8E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

Receptor #	HI		
218	6.9E-03	5	1.2E-03
219	5.9E-03	5	9.8E-04
220	7.1E-03	5	1.2E-03
221	7.8E-03	5	1.3E-03
222	8.3E-03	5	1.4E-03
223	7.8E-03	5	1.3E-03
224	7.3E-03	5	1.2E-03
225	6.8E-03	5	1.1E-03
226	6.3E-03	5	1.1E-03
227	6.5E-03	5	1.1E-03
228	5.8E-03	5	9.6E-04
229	6.1E-03	5	1.0E-03
230	8.2E-03	5	1.4E-03
231	7.7E-03	5	1.3E-03
232	6.8E-03	5	1.1E-03
233	6.4E-03	5	1.1E-03
234	5.9E-03	5	9.9E-04
235	4.9E-03	5	8.2E-04
236	5.3E-03	5	8.8E-04
237	5.5E-03	5	9.2E-04
238	7.5E-03	5	1.2E-03
239	7.1E-03	5	1.2E-03
240	6.7E-03	5	1.1E-03
241	6.4E-03	5	1.1E-03
242	5.6E-03	5	9.4E-04
243	4.2E-03	5	7.0E-04
244	4.5E-03	5	7.6E-04
245	4.8E-03	5	8.0E-04
246	7.2E-03	5	1.2E-03
247	6.9E-03	5	1.1E-03
248	6.6E-03	5	1.1E-03

Diamond Bar - Crooked Creek
Risk From Street Improvements - Unmitigated Residential

		HI		
Receptor #				
249		6.3E-03	5	1.0E-03
250		6.0E-03	5	9.9E-04
251		5.6E-03	5	9.4E-04
252		5.3E-03	5	8.9E-04
253		3.6E-03	5	6.0E-04
254		3.8E-03	5	6.4E-04
255		4.1E-03	5	6.9E-04
256		4.5E-03	5	7.4E-04
257		6.6E-03	5	1.1E-03
258		6.4E-03	5	1.1E-03
259		6.1E-03	5	1.0E-03
260		5.8E-03	5	9.7E-04
261		5.6E-03	5	9.3E-04
262		5.3E-03	5	8.8E-04
263		5.1E-03	5	8.4E-04

4. Risk by Construction Phase
e. Home Construction

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

	31 0.5625	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.0383	3.8E-08	3.6E-08	2.1E-09	2.1289	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
2	0.0608	6.1E-08	5.9E-08	1.5E-09	3.48869	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
3	0.1204	1.2E-07	1.2E-07	1.2E-09	7.01295	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
4	0.0612	6.1E-08	6.0E-08	1.6E-09	3.50541	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
5	0.1199	1.2E-07	1.2E-07	1.7E-09	6.95063	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
6	0.3312	3.3E-07	3.3E-07	2.2E-09	19.35187	7.4E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
7	0.0162	1.6E-08	1.6E-08	1.2E-10	0.94627	7.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
8	0.0113	1.1E-08	1.1E-08	9.3E-11	0.66164	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
9	0.0085	8.5E-09	8.4E-09	7.4E-11	0.49331	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.4E-09
10	0.0069	6.9E-09	6.8E-09	6.3E-11	0.3994	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
11	0.0044	4.4E-09	4.3E-09	4.4E-11	0.25515	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
12	0.0037	3.7E-09	3.7E-09	3.9E-11	0.21654	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
13	0.0031	3.1E-09	3.0E-09	3.3E-11	0.17828	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
14	0.0021	2.1E-09	2.0E-09	2.4E-11	0.12001	7.4E-03	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
15	0.0018	1.8E-09	1.8E-09	2.1E-11	0.10549	7.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
16	0.0920	9.2E-08	9.0E-08	1.6E-09	5.31873	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
17	0.1768	1.8E-07	1.7E-07	1.8E-09	10.29309	7.4E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
18	0.3986	4.0E-07	4.0E-07	2.5E-09	23.29973	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
19	0.0208	2.1E-08	2.1E-08	1.5E-10	1.21426	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
20	0.0141	1.4E-08	1.4E-08	1.1E-10	0.82462	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
21	0.0104	1.0E-08	1.0E-08	8.8E-11	0.60814	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
22	0.0079	7.9E-09	7.8E-09	7.1E-11	0.46053	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
23	0.0064	6.4E-09	6.3E-09	6.0E-11	0.37219	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
24	0.0051	5.1E-09	5.1E-09	5.0E-11	0.29851	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
25	0.0041	4.1E-09	4.1E-09	4.2E-11	0.24009	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09
26	0.0034	3.4E-09	3.3E-09	3.6E-11	0.19632	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
27	0.0028	2.8E-09	2.8E-09	3.1E-11	0.16442	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
28	0.0020	2.0E-09	1.9E-09	2.3E-11	0.11385	7.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
29	0.1158	1.2E-07	1.1E-07	2.4E-09	6.66955	7.4E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	0.2080	2.1E-07	2.1E-07	1.8E-09	12.12883	7.4E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.1E-07
31	0.5625	5.6E-07	5.6E-07	3.1E-09	32.90584	7.4E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.6E-07

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	0.3523	3.5E-07	3.5E-07	1.9E-09	20.60922	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
33	0.0179	1.8E-08	1.8E-08	1.4E-10	1.04579	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
34	0.0132	1.3E-08	1.3E-08	1.1E-10	0.7717	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
35	0.0100	1.0E-08	9.9E-09	8.6E-11	0.58443	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
36	0.0076	7.6E-09	7.5E-09	6.9E-11	0.44257	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
37	0.0058	5.8E-09	5.7E-09	5.6E-11	0.33809	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
38	0.0046	4.6E-09	4.5E-09	4.6E-11	0.26664	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
39	0.0037	3.7E-09	3.6E-09	3.8E-11	0.21304	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
40	0.0031	3.1E-09	3.0E-09	3.3E-11	0.17882	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
41	0.0026	2.6E-09	2.6E-09	2.9E-11	0.15106	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
42	0.0022	2.2E-09	2.2E-09	2.5E-11	0.12889	7.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.2E-09
43	0.1163	1.2E-07	1.1E-07	1.8E-09	6.73347	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
44	0.1693	1.7E-07	1.7E-07	1.5E-09	9.86907	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
45	0.2010	2.0E-07	2.0E-07	1.4E-09	11.74326	7.4E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	2.0E-07
46	0.1669	1.7E-07	1.7E-07	1.1E-09	9.75409	7.4E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.7E-07
47	0.0156	1.6E-08	1.5E-08	1.2E-10	0.90896	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
48	0.0117	1.2E-08	1.2E-08	9.8E-11	0.68168	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
49	0.0088	8.8E-09	8.7E-09	7.8E-11	0.51312	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
50	0.0063	6.3E-09	6.3E-09	5.9E-11	0.36845	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.3E-09
51	0.0052	5.2E-09	5.1E-09	5.0E-11	0.30131	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
52	0.0042	4.2E-09	4.1E-09	4.2E-11	0.24352	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
53	0.0033	3.3E-09	3.3E-09	3.5E-11	0.19318	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
54	0.0028	2.8E-09	2.8E-09	3.0E-11	0.16338	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
55	0.0024	2.4E-09	2.4E-09	2.7E-11	0.14034	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
56	0.0725	7.2E-08	7.1E-08	1.5E-09	4.17293	7.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.1E-08
57	0.0914	9.1E-08	9.0E-08	1.4E-09	5.29757	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
58	0.0986	9.9E-08	9.8E-08	9.9E-10	5.73909	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.8E-08
59	0.0974	9.7E-08	9.7E-08	8.2E-10	5.67911	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.7E-08
60	0.0796	8.0E-08	7.9E-08	6.4E-10	4.64213	7.4E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.9E-08
61	0.0433	4.3E-08	4.3E-08	3.4E-10	2.52648	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
62	0.0182	1.8E-08	1.8E-08	1.5E-10	1.06309	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
63	0.0132	1.3E-08	1.3E-08	1.1E-10	0.77268	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
64	0.0104	1.0E-08	1.0E-08	9.2E-11	0.60845	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
65	0.0077	7.7E-09	7.6E-09	7.0E-11	0.44744	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.6E-09
66	0.0058	5.8E-09	5.7E-09	5.5E-11	0.33524	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
67	0.0048	4.8E-09	4.8E-09	4.8E-11	0.27979	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
68	0.0039	3.9E-09	3.8E-09	4.0E-11	0.2244	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
69	0.0031	3.1E-09	3.1E-09	3.3E-11	0.18169	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
70	0.0026	2.6E-09	2.6E-09	2.9E-11	0.15226	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
71	0.0590	5.9E-08	5.7E-08	1.8E-09	3.36722	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
72	0.0639	6.4E-08	6.3E-08	1.0E-09	3.69785	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08
73	0.0631	6.3E-08	6.2E-08	7.3E-10	3.66593	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.2E-08
74	0.0554	5.5E-08	5.5E-08	5.4E-10	3.22742	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
75	0.0464	4.6E-08	4.6E-08	4.4E-10	2.70117	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
76	0.0368	3.7E-08	3.7E-08	3.4E-10	2.14729	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
77	0.0284	2.8E-08	2.8E-08	2.5E-10	1.6568	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
78	0.0203	2.0E-08	2.0E-08	1.7E-10	1.18131	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
79	0.0142	1.4E-08	1.4E-08	1.2E-10	0.82556	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
80	0.0112	1.1E-08	1.1E-08	9.9E-11	0.65168	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
81	0.0087	8.7E-09	8.6E-09	8.0E-11	0.5057	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
82	0.0066	6.6E-09	6.6E-09	6.3E-11	0.38537	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
83	0.0053	5.3E-09	5.3E-09	5.2E-11	0.31159	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
84	0.0043	4.3E-09	4.2E-09	4.3E-11	0.24987	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
85	0.0036	3.6E-09	3.5E-09	3.7E-11	0.20808	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
86	0.0030	3.0E-09	3.0E-09	3.3E-11	0.17641	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
87	0.0418	4.2E-08	4.0E-08	2.0E-09	2.34477	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
88	0.0441	4.4E-08	4.3E-08	1.2E-09	2.52692	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
89	0.0436	4.4E-08	4.3E-08	7.3E-10	2.52189	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
90	0.0471	4.7E-08	4.7E-08	5.8E-10	2.73658	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
91	0.0359	3.6E-08	3.5E-08	4.1E-10	2.08775	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
92	0.0302	3.0E-08	3.0E-08	3.1E-10	1.75833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
93	0.0242	2.4E-08	2.4E-08	2.3E-10	1.40869	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

	31 0.5625	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
94	0.0190	1.9E-08	1.9E-08	1.8E-10	1.10707	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
95	0.0145	1.4E-08	1.4E-08	1.3E-10	0.84487	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
96	0.0113	1.1E-08	1.1E-08	1.0E-10	0.66067	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
97	0.0088	8.8E-09	8.7E-09	8.2E-11	0.51326	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
98	0.0070	7.0E-09	7.0E-09	6.7E-11	0.40928	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
99	0.0056	5.6E-09	5.6E-09	5.5E-11	0.3274	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
100	0.0046	4.6E-09	4.5E-09	4.6E-11	0.26752	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
101	0.0038	3.8E-09	3.8E-09	4.0E-11	0.22247	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
102	0.0032	3.2E-09	3.2E-09	3.4E-11	0.1888	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
103	0.0331	3.3E-08	3.1E-08	1.7E-09	1.84597	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
104	0.0326	3.3E-08	3.2E-08	8.3E-10	1.8707	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
105	0.0311	3.1E-08	3.1E-08	5.4E-10	1.79694	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
106	0.0283	2.8E-08	2.8E-08	4.0E-10	1.64097	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
107	0.0249	2.5E-08	2.5E-08	3.0E-10	1.44868	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
108	0.0208	2.1E-08	2.1E-08	2.2E-10	1.20878	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.1E-08
109	0.0168	1.7E-08	1.7E-08	1.7E-10	0.97938	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
110	0.0145	1.4E-08	1.4E-08	1.4E-10	0.84257	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
111	0.0127	1.3E-08	1.3E-08	1.3E-10	0.73882	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
112	0.0099	9.9E-09	9.8E-09	9.7E-11	0.57415	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.8E-09
113	0.0084	8.4E-09	8.3E-09	8.4E-11	0.49034	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
114	0.0069	6.9E-09	6.9E-09	7.0E-11	0.40309	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
115	0.0055	5.5E-09	5.4E-09	5.6E-11	0.31882	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
116	0.0045	4.5E-09	4.4E-09	4.6E-11	0.25985	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
117	0.0036	3.6E-09	3.6E-09	3.8E-11	0.20903	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
118	0.0252	2.5E-08	2.4E-08	1.2E-09	1.40858	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
119	0.0253	2.5E-08	2.4E-08	1.3E-09	1.41449	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
120	0.0243	2.4E-08	2.4E-08	5.6E-10	1.39758	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
121	0.0227	2.3E-08	2.2E-08	3.9E-10	1.31485	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
122	0.0206	2.1E-08	2.0E-08	2.9E-10	1.19465	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
123	0.0182	1.8E-08	1.8E-08	2.3E-10	1.05909	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
124	0.0159	1.6E-08	1.6E-08	1.9E-10	0.92686	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

	31 0.5625	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0138	1.4E-08	1.4E-08	1.5E-10	0.80053	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
126	0.0119	1.2E-08	1.2E-08	1.3E-10	0.69206	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
127	0.0101	1.0E-08	1.0E-08	1.1E-10	0.58599	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	1.0E-08
128	0.0086	8.6E-09	8.5E-09	9.1E-11	0.50096	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
129	0.0072	7.2E-09	7.1E-09	7.5E-11	0.41796	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
130	0.0059	5.9E-09	5.8E-09	6.1E-11	0.34239	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
131	0.0046	4.6E-09	4.6E-09	4.9E-11	0.26987	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
132	0.0040	4.0E-09	4.0E-09	4.3E-11	0.23513	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
133	0.0116	1.2E-08	1.1E-08	2.6E-10	0.66897	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
134	0.0186	1.9E-08	1.8E-08	1.0E-09	1.03096	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.8E-08
135	0.0196	2.0E-08	1.9E-08	5.8E-10	1.11817	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
136	0.0185	1.8E-08	1.8E-08	3.7E-10	1.06488	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
137	0.0172	1.7E-08	1.7E-08	2.8E-10	0.99354	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
138	0.0156	1.6E-08	1.5E-08	2.2E-10	0.904	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
139	0.0140	1.4E-08	1.4E-08	1.8E-10	0.81017	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
140	0.0123	1.2E-08	1.2E-08	1.5E-10	0.71623	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
141	0.0109	1.1E-08	1.1E-08	1.3E-10	0.63091	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
142	0.0095	9.5E-09	9.4E-09	1.1E-10	0.55201	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
143	0.0083	8.3E-09	8.2E-09	9.2E-11	0.48025	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
144	0.0067	6.7E-09	6.6E-09	7.2E-11	0.39044	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
145	0.0057	5.7E-09	5.7E-09	6.2E-11	0.3342	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
146	0.0048	4.8E-09	4.8E-09	5.2E-11	0.28047	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
147	0.0040	4.0E-09	4.0E-09	4.4E-11	0.23555	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
148	0.0089	8.9E-09	8.7E-09	1.9E-10	0.51247	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
149	0.0101	1.0E-08	9.9E-09	2.2E-10	0.58112	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
150	0.0164	1.6E-08	1.6E-08	7.6E-10	0.91933	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
151	0.0160	1.6E-08	1.6E-08	5.1E-10	0.91288	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
152	0.0154	1.5E-08	1.5E-08	3.4E-10	0.8836	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
153	0.0144	1.4E-08	1.4E-08	2.6E-10	0.83248	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
154	0.0134	1.3E-08	1.3E-08	2.1E-10	0.77407	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
155	0.0122	1.2E-08	1.2E-08	1.7E-10	0.70704	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	31 0.5625	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
156	0.0110	1.1E-08	1.1E-08	1.5E-10	0.63958	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
157	0.0099	9.9E-09	9.7E-09	1.2E-10	0.57261	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
158	0.0087	8.7E-09	8.6E-09	1.1E-10	0.507	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
159	0.0078	7.8E-09	7.7E-09	9.2E-11	0.45141	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
160	0.0064	6.4E-09	6.4E-09	7.3E-11	0.37505	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09
161	0.0053	5.3E-09	5.3E-09	6.0E-11	0.3109	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
162	0.0046	4.6E-09	4.6E-09	5.1E-11	0.26948	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
163	0.0040	4.0E-09	3.9E-09	4.4E-11	0.2321	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
164	0.0078	7.8E-09	7.6E-09	1.6E-10	0.44979	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
165	0.0088	8.8E-09	8.6E-09	1.9E-10	0.50535	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
166	0.0097	9.7E-09	9.5E-09	2.2E-10	0.55605	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.5E-09
167	0.0134	1.3E-08	1.3E-08	3.6E-10	0.76605	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
168	0.0129	1.3E-08	1.3E-08	2.9E-10	0.74212	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
169	0.0123	1.2E-08	1.2E-08	2.3E-10	0.71011	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
170	0.0115	1.2E-08	1.1E-08	1.9E-10	0.66746	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
171	0.0107	1.1E-08	1.1E-08	1.6E-10	0.61914	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.1E-08
172	0.0098	9.8E-09	9.7E-09	1.4E-10	0.56804	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
173	0.0088	8.8E-09	8.7E-09	1.2E-10	0.51041	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
174	0.0078	7.8E-09	7.7E-09	9.8E-11	0.45215	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
175	0.0067	6.7E-09	6.6E-09	8.1E-11	0.39007	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
176	0.0061	6.1E-09	6.0E-09	7.2E-11	0.35392	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
177	0.0055	5.5E-09	5.4E-09	6.4E-11	0.3175	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.4E-09
178	0.0051	5.1E-09	5.0E-09	5.9E-11	0.29458	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
179	0.0040	4.0E-09	4.0E-09	4.6E-11	0.23316	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
180	0.0058	5.8E-09	5.7E-09	1.1E-10	0.33274	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
181	0.0069	6.9E-09	6.8E-09	1.4E-10	0.39975	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
182	0.0076	7.6E-09	7.5E-09	1.6E-10	0.43864	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
183	0.0084	8.4E-09	8.3E-09	1.8E-10	0.48536	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.3E-09
184	0.0106	1.1E-08	1.0E-08	2.1E-10	0.61014	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
185	0.0100	1.0E-08	9.9E-09	1.7E-10	0.57943	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
186	0.0094	9.4E-09	9.3E-09	1.5E-10	0.54464	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	31	Receptor									
	0.5625	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
187	0.0087	8.7E-09	8.6E-09	1.3E-10	0.50549	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
188	0.0079	7.9E-09	7.8E-09	1.1E-10	0.46029	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
189	0.0073	7.3E-09	7.2E-09	1.0E-10	0.4249	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
190	0.0062	6.2E-09	6.1E-09	7.9E-11	0.36106	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
191	0.0057	5.7E-09	5.7E-09	7.2E-11	0.33374	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
192	0.0051	5.1E-09	5.0E-09	6.2E-11	0.29459	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
193	0.0046	4.6E-09	4.6E-09	5.6E-11	0.26791	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
194	0.0041	4.1E-09	4.0E-09	4.8E-11	0.23596	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
195	0.0055	5.5E-09	5.4E-09	1.1E-10	0.31822	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
196	0.0061	6.1E-09	6.0E-09	1.2E-10	0.35442	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
197	0.0067	6.7E-09	6.6E-09	1.4E-10	0.38757	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
198	0.0088	8.8E-09	8.6E-09	1.5E-10	0.50574	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
199	0.0083	8.3E-09	8.2E-09	1.4E-10	0.4809	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
200	0.0078	7.8E-09	7.7E-09	1.2E-10	0.45273	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
201	0.0072	7.2E-09	7.1E-09	1.1E-10	0.41569	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
202	0.0067	6.7E-09	6.6E-09	9.5E-11	0.3874	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
203	0.0062	6.2E-09	6.1E-09	8.6E-11	0.35931	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
204	0.0054	5.4E-09	5.3E-09	7.1E-11	0.31258	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
205	0.0051	5.1E-09	5.0E-09	6.5E-11	0.29326	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
206	0.0043	4.3E-09	4.3E-09	5.4E-11	0.25011	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
207	0.0040	4.0E-09	3.9E-09	4.9E-11	0.22979	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
208	0.0049	4.9E-09	4.9E-09	9.5E-11	0.28553	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09
209	0.0054	5.4E-09	5.3E-09	1.1E-10	0.31317	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
210	0.0059	5.9E-09	5.8E-09	1.2E-10	0.34113	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
211	0.0074	7.4E-09	7.2E-09	1.2E-10	0.4254	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
212	0.0070	7.0E-09	6.9E-09	1.1E-10	0.40593	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
213	0.0066	6.6E-09	6.5E-09	1.0E-10	0.38055	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.5E-09
214	0.0061	6.1E-09	6.0E-09	9.0E-11	0.35286	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
215	0.0057	5.7E-09	5.6E-09	8.2E-11	0.33042	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
216	0.0053	5.3E-09	5.2E-09	7.4E-11	0.30696	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
217	0.0049	4.9E-09	4.9E-09	6.7E-11	0.28558	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	0.5625	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
218	0.0044	4.4E-09	4.3E-09	5.7E-11	0.25289	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09	
219	0.0037	3.7E-09	3.7E-09	4.8E-11	0.21705	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09	
220	0.0045	4.5E-09	4.4E-09	8.5E-11	0.25867	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09	
221	0.0049	4.9E-09	4.8E-09	9.4E-11	0.28227	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09	
222	0.0052	5.2E-09	5.1E-09	7.7E-11	0.30285	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09	
223	0.0049	4.9E-09	4.8E-09	7.0E-11	0.28404	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09	
224	0.0046	4.6E-09	4.5E-09	6.5E-11	0.26716	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09	
225	0.0043	4.3E-09	4.2E-09	5.9E-11	0.24945	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09	
226	0.0040	4.0E-09	3.9E-09	5.4E-11	0.23062	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09	
227	0.0041	4.1E-09	4.0E-09	7.7E-11	0.23682	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09	
228	0.0037	3.7E-09	3.6E-09	7.2E-11	0.21189	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09	
229	0.0039	3.9E-09	3.8E-09	7.7E-11	0.22467	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09	
230	0.0051	5.1E-09	5.1E-09	8.0E-11	0.29824	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09	
231	0.0049	4.9E-09	4.8E-09	7.4E-11	0.28228	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09	
232	0.0043	4.3E-09	4.2E-09	6.2E-11	0.24885	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09	
233	0.0040	4.0E-09	4.0E-09	5.7E-11	0.2325	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09	
234	0.0037	3.7E-09	3.7E-09	5.2E-11	0.21656	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09	
235	0.0031	3.1E-09	3.1E-09	6.0E-11	0.18168	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09	
236	0.0033	3.3E-09	3.3E-09	6.4E-11	0.19303	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09	
237	0.0035	3.5E-09	3.4E-09	6.8E-11	0.20257	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09	
238	0.0047	4.7E-09	4.7E-09	7.4E-11	0.27372	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.7E-09	
239	0.0045	4.5E-09	4.4E-09	6.8E-11	0.2593	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09	
240	0.0043	4.3E-09	4.2E-09	6.4E-11	0.24647	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09	
241	0.0040	4.0E-09	4.0E-09	5.9E-11	0.23355	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09	
242	0.0035	3.5E-09	3.5E-09	5.0E-11	0.2058	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09	
243	0.0027	2.7E-09	2.6E-09	5.1E-11	0.15502	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09	
244	0.0029	2.9E-09	2.8E-09	5.5E-11	0.1672	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09	
245	0.0031	3.1E-09	3.0E-09	5.8E-11	0.17664	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09	
246	0.0046	4.6E-09	4.5E-09	7.3E-11	0.26338	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.5E-09	
247	0.0044	4.4E-09	4.3E-09	6.8E-11	0.25334	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09	
248	0.0041	4.1E-09	4.1E-09	6.4E-11	0.23996	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09	

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

	31	Receptor									
	0.5625	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0040	4.0E-09	3.9E-09	6.0E-11	0.2292	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
250	0.0038	3.8E-09	3.7E-09	5.6E-11	0.2182	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
251	0.0035	3.5E-09	3.5E-09	5.2E-11	0.20539	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
252	0.0034	3.4E-09	3.3E-09	4.9E-11	0.19431	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
253	0.0023	2.3E-09	2.3E-09	4.4E-11	0.1334	7.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
254	0.0025	2.5E-09	2.4E-09	4.6E-11	0.14177	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
255	0.0026	2.6E-09	2.6E-09	4.9E-11	0.15265	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
256	0.0028	2.8E-09	2.8E-09	5.3E-11	0.16376	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
257	0.0042	4.2E-09	4.1E-09	6.7E-11	0.24198	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
258	0.0040	4.0E-09	4.0E-09	6.4E-11	0.23332	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
259	0.0039	3.9E-09	3.8E-09	6.0E-11	0.22451	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
260	0.0037	3.7E-09	3.6E-09	5.6E-11	0.21336	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
261	0.0035	3.5E-09	3.5E-09	5.3E-11	0.20404	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
262	0.0034	3.4E-09	3.3E-09	5.0E-11	0.19449	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
263	0.0032	3.2E-09	3.2E-09	4.8E-11	0.18577	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	6.3E-01	3.6E-05	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.8E-10	9.3E+00	9.1E-05	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
2	7.4E-01	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	5.9E+00	9.1E-05	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
3	8.5E-01	3.6E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.8E-10	3.1E+00	9.1E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.4E-10
4	8.5E-01	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10	6.2E+00	9.1E-05	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
5	1.0E+00	3.6E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10	5.3E+00	9.1E-05	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
6	1.3E+00	3.6E-05	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09	3.0E+00	9.1E-05	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
7	4.6E-01	3.6E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
8	3.9E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
9	3.3E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
10	2.9E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
11	2.1E-01	3.6E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
12	1.8E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11
13	1.5E-01	3.6E-05	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.5E-11	8.8E-02	9.1E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11
14	1.1E-01	3.6E-05	1.0E-03	4.5E-09	1.6E-01	1.4E-02	9.9E-12	6.6E-02	9.1E-05	1.0E-03	6.3E-09	1.6E-01	1.4E-02	1.4E-11
15	9.7E-02	3.6E-05	1.0E-03	3.9E-09	1.6E-01	1.4E-02	8.7E-12	6.0E-02	9.1E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11
16	1.2E+00	3.6E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	5.5E+00	9.1E-05	1.0E-03	5.2E-07	1.6E-01	1.4E-02	1.2E-09
17	1.6E+00	3.6E-05	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.5E-10	4.7E+00	9.1E-05	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.8E-10
18	2.3E+00	3.6E-05	1.0E-03	8.7E-07	1.6E-01	1.4E-02	1.9E-09	2.7E+00	9.1E-05	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10
19	6.1E-01	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
20	5.0E-01	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
21	4.1E-01	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
22	3.4E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
23	2.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
24	2.4E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.2E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
25	2.0E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
26	1.7E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	9.3E-02	9.1E-05	1.0E-03	8.9E-09	1.6E-01	1.4E-02	2.0E-11
27	1.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.4E-11	8.3E-02	9.1E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11
28	1.0E-01	3.6E-05	1.0E-03	4.3E-09	1.6E-01	1.4E-02	9.4E-12	6.3E-02	9.1E-05	1.0E-03	6.0E-09	1.6E-01	1.4E-02	1.3E-11
29	1.9E+00	3.6E-05	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10	9.1E+00	9.1E-05	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.9E-09
30	3.0E+00	3.6E-05	1.0E-03	4.5E-07	1.6E-01	1.4E-02	1.0E-09	3.9E+00	9.1E-05	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10
31	1.5E+01	3.6E-05	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09	1.7E+00	9.1E-05	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	1.4E+01	3.6E-05	1.0E-03	7.7E-07	1.6E-01	1.4E-02	1.7E-09	1.2E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.5E-10
33	6.4E-01	3.6E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11	2.4E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
34	5.2E-01	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
35	4.2E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
36	3.4E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
37	2.7E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.3E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
38	2.2E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.1E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
39	1.8E-01	3.6E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	9.7E-02	9.1E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.0E-11
40	1.5E-01	3.6E-05	1.0E-03	6.7E-09	1.6E-01	1.4E-02	1.5E-11	8.7E-02	9.1E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11
41	1.3E-01	3.6E-05	1.0E-03	5.6E-09	1.6E-01	1.4E-02	1.2E-11	7.7E-02	9.1E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
42	1.1E-01	3.6E-05	1.0E-03	4.8E-09	1.6E-01	1.4E-02	1.1E-11	6.9E-02	9.1E-05	1.0E-03	6.5E-09	1.6E-01	1.4E-02	1.4E-11
43	3.3E+00	3.6E-05	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.5E-10	6.1E+00	9.1E-05	1.0E-03	5.8E-07	1.6E-01	1.4E-02	1.3E-09
44	6.3E+00	3.6E-05	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10	3.1E+00	9.1E-05	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.6E-10
45	2.0E+01	3.6E-05	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.7E-10	2.0E+00	9.1E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
46	2.9E+01	3.6E-05	1.0E-03	3.6E-07	1.6E-01	1.4E-02	8.0E-10	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	3.0E-10
47	6.5E-01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
48	5.0E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
49	3.9E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
50	2.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
51	2.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	1.2E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
52	2.0E-01	3.6E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11
53	1.6E-01	3.6E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-02	9.1E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11
54	1.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	8.1E-02	9.1E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11
55	1.2E-01	3.6E-05	1.0E-03	5.2E-09	1.6E-01	1.4E-02	1.2E-11	7.3E-02	9.1E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11
56	3.4E+00	3.6E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10	5.6E+00	9.1E-05	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.2E-09
57	5.8E+00	3.6E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10	4.5E+00	9.1E-05	1.0E-03	4.2E-07	1.6E-01	1.4E-02	9.4E-10
58	1.1E+01	3.6E-05	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.7E-10	2.5E+00	9.1E-05	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.2E-10
59	2.1E+01	3.6E-05	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.7E-10	1.7E+00	9.1E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10
60	2.3E+01	3.6E-05	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.8E-10	1.2E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
61	3.5E+00	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	6.4E-01	9.1E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.3E-10
62	8.7E-01	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	2.8E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	6.2E-01	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
64	4.8E-01	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
65	3.6E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
66	2.7E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
67	2.3E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
68	1.9E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
69	1.5E-01	3.6E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	8.7E-02	9.1E-05	1.0E-03	8.2E-09	1.6E-01	1.4E-02	1.8E-11
70	1.3E-01	3.6E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	7.6E-02	9.1E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11
71	5.7E+00	3.6E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10	7.1E+00	9.1E-05	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.5E-09
72	1.0E+01	3.6E-05	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10	3.3E+00	9.1E-05	1.0E-03	3.2E-07	1.6E-01	1.4E-02	7.0E-10
73	2.2E+01	3.6E-05	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10	2.0E+00	9.1E-05	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.3E-10
74	3.1E+01	3.6E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10	1.3E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
75	1.3E+01	3.6E-05	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10	1.0E+00	9.1E-05	1.0E-03	9.7E-08	1.6E-01	1.4E-02	2.1E-10
76	5.2E+00	3.6E-05	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10	7.7E-01	9.1E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
77	2.6E+00	3.6E-05	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.4E-10	5.5E-01	9.1E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.1E-10
78	1.3E+00	3.6E-05	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.7E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11
79	7.6E-01	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11	2.6E-01	9.1E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.4E-11
80	5.7E-01	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.4E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11
81	4.3E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
82	3.2E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	1.5E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11
83	2.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
84	2.1E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.1E-01	9.1E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11
85	1.7E-01	3.6E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	9.6E-02	9.1E-05	1.0E-03	9.1E-09	1.6E-01	1.4E-02	2.0E-11
86	1.5E-01	3.6E-05	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.5E-11	8.6E-02	9.1E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11
87	6.3E+00	3.6E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10	8.5E+00	9.1E-05	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
88	1.3E+01	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	4.6E+00	9.1E-05	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.7E-10
89	3.1E+01	3.6E-05	1.0E-03	9.4E-08	1.6E-01	1.4E-02	2.1E-10	2.5E+00	9.1E-05	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
90	4.6E+01	3.6E-05	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10	1.7E+00	9.1E-05	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.6E-10
91	1.6E+01	3.6E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10	1.1E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.4E-10
92	5.4E+00	3.6E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.4E-10	7.7E-01	9.1E-05	1.0E-03	7.3E-08	1.6E-01	1.4E-02	1.6E-10
93	2.6E+00	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	1.5E+00	3.6E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.1E-11	4.0E-01	9.1E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.4E-11
95	9.5E-01	3.6E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11	3.0E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.2E-11
96	6.6E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
97	4.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
98	3.6E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
99	2.8E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	1.3E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11
100	2.3E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
101	1.9E-01	3.6E-05	1.0E-03	8.3E-09	1.6E-01	1.4E-02	1.8E-11	1.0E-01	9.1E-05	1.0E-03	9.6E-09	1.6E-01	1.4E-02	2.1E-11
102	1.6E-01	3.6E-05	1.0E-03	7.0E-09	1.6E-01	1.4E-02	1.6E-11	9.0E-02	9.1E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11
103	2.2E+01	3.6E-05	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10	7.3E+00	9.1E-05	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
104	5.0E+01	3.6E-05	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.5E-10	3.2E+00	9.1E-05	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.7E-10
105	2.3E+01	3.6E-05	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10	1.9E+00	9.1E-05	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
106	1.2E+01	3.6E-05	1.0E-03	6.1E-08	1.6E-01	1.4E-02	1.4E-10	1.2E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
107	5.9E+00	3.6E-05	1.0E-03	5.4E-08	1.6E-01	1.4E-02	1.2E-10	8.8E-01	9.1E-05	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.8E-10
108	2.9E+00	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	1.0E-10	5.8E-01	9.1E-05	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
109	1.7E+00	3.6E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.1E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11
110	1.2E+00	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11
111	1.0E+00	3.6E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	3.3E-01	9.1E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.8E-11
112	6.3E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
113	5.1E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
114	3.9E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
115	2.9E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
116	2.3E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
117	1.8E-01	3.6E-05	1.0E-03	7.8E-09	1.6E-01	1.4E-02	1.7E-11	9.9E-02	9.1E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11
118	1.5E+01	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.4E+00	9.1E-05	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
119	3.3E+01	3.6E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10	5.6E+00	9.1E-05	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.2E-09
120	2.0E+01	3.6E-05	1.0E-03	5.2E-08	1.6E-01	1.4E-02	1.2E-10	2.1E+00	9.1E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.5E-10
121	9.3E+00	3.6E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10	1.3E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
122	5.4E+00	3.6E-05	1.0E-03	4.5E-08	1.6E-01	1.4E-02	9.8E-11	9.3E-01	9.1E-05	1.0E-03	8.8E-08	1.6E-01	1.4E-02	1.9E-10
123	3.4E+00	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.7E-11	6.9E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
124	2.2E+00	3.6E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.6E-11	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.5E+00	3.6E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.6E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.9E-11
126	1.1E+00	3.6E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.7E-11	3.5E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.4E-11
127	8.0E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	2.8E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11
128	6.1E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11	2.4E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
129	4.5E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.1E-11
130	3.4E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
131	2.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11
132	2.1E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.1E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
133	9.4E-01	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	9.8E-01	9.1E-05	1.0E-03	9.3E-08	1.6E-01	1.4E-02	2.0E-10
134	2.6E+01	3.6E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.5E-11	4.5E+00	9.1E-05	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.5E-10
135	2.3E+01	3.6E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11	2.3E+00	9.1E-05	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.9E-10
136	8.2E+00	3.6E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
137	4.8E+00	3.6E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11	9.4E-01	9.1E-05	1.0E-03	8.9E-08	1.6E-01	1.4E-02	2.0E-10
138	3.2E+00	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	7.1E-01	9.1E-05	1.0E-03	6.7E-08	1.6E-01	1.4E-02	1.5E-10
139	2.2E+00	3.6E-05	1.0E-03	3.0E-08	1.6E-01	1.4E-02	6.7E-11	5.6E-01	9.1E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10
140	1.6E+00	3.6E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	4.4E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.2E-11
141	1.2E+00	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11
142	8.7E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11	3.0E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.3E-11
143	6.6E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	2.5E-01	9.1E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.2E-11
144	4.6E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
145	3.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.8E-11	1.6E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11
146	2.8E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
147	2.3E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11
148	6.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	6.9E-01	9.1E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
149	8.7E-01	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	8.2E-01	9.1E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
150	1.5E+01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.6E-11	3.3E+00	9.1E-05	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.9E-10
151	1.1E+01	3.6E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11	2.1E+00	9.1E-05	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10
152	6.3E+00	3.6E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.3E-11	1.3E+00	9.1E-05	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
153	4.0E+00	3.6E-05	1.0E-03	3.1E-08	1.6E-01	1.4E-02	6.9E-11	9.1E-01	9.1E-05	1.0E-03	8.7E-08	1.6E-01	1.4E-02	1.9E-10
154	2.8E+00	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11	7.0E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
155	2.1E+00	3.6E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11	5.5E-01	9.1E-05	1.0E-03	5.3E-08	1.6E-01	1.4E-02	1.2E-10

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	1.6E+00	3.6E-05	1.0E-03	2.4E-08	1.6E-01	1.4E-02	5.3E-11	4.5E-01	9.1E-05	1.0E-03	4.3E-08	1.6E-01	1.4E-02	9.5E-11
157	1.2E+00	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	3.7E-01	9.1E-05	1.0E-03	3.5E-08	1.6E-01	1.4E-02	7.8E-11
158	8.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	3.0E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11
159	6.9E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
160	4.9E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
161	3.6E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
162	3.0E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
163	2.4E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.2E-01	9.1E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11
164	6.1E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	5.9E-01	9.1E-05	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
165	7.8E-01	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	6.9E-01	9.1E-05	1.0E-03	6.6E-08	1.6E-01	1.4E-02	1.5E-10
166	9.9E-01	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.6E-11	8.2E-01	9.1E-05	1.0E-03	7.8E-08	1.6E-01	1.4E-02	1.7E-10
167	5.4E+00	3.6E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11	1.4E+00	9.1E-05	1.0E-03	1.3E-07	1.6E-01	1.4E-02	3.0E-10
168	4.4E+00	3.6E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11	1.1E+00	9.1E-05	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
169	3.2E+00	3.6E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	5.9E-11	8.4E-01	9.1E-05	1.0E-03	8.0E-08	1.6E-01	1.4E-02	1.8E-10
170	2.4E+00	3.6E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11	6.6E-01	9.1E-05	1.0E-03	6.3E-08	1.6E-01	1.4E-02	1.4E-10
171	1.9E+00	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11	5.4E-01	9.1E-05	1.0E-03	5.1E-08	1.6E-01	1.4E-02	1.1E-10
172	1.4E+00	3.6E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11	4.5E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11
173	1.1E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	3.6E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.5E-11
174	8.1E-01	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	2.9E-01	9.1E-05	1.0E-03	2.8E-08	1.6E-01	1.4E-02	6.1E-11
175	6.1E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.9E-11
176	5.0E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
177	4.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
178	3.6E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
179	2.6E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.3E-01	9.1E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11
180	4.0E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	4.1E-01	9.1E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11
181	5.5E-01	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	5.1E-01	9.1E-05	1.0E-03	4.9E-08	1.6E-01	1.4E-02	1.1E-10
182	6.7E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11	5.8E-01	9.1E-05	1.0E-03	5.5E-08	1.6E-01	1.4E-02	1.2E-10
183	8.7E-01	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	6.8E-01	9.1E-05	1.0E-03	6.5E-08	1.6E-01	1.4E-02	1.4E-10
184	2.5E+00	3.6E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11	7.4E-01	9.1E-05	1.0E-03	7.0E-08	1.6E-01	1.4E-02	1.6E-10
185	2.0E+00	3.6E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11	6.1E-01	9.1E-05	1.0E-03	5.8E-08	1.6E-01	1.4E-02	1.3E-10
186	1.6E+00	3.6E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11	5.1E-01	9.1E-05	1.0E-03	4.8E-08	1.6E-01	1.4E-02	1.1E-10

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	1.3E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	4.3E-01	9.1E-05	1.0E-03	4.1E-08	1.6E-01	1.4E-02	9.0E-11
188	1.0E+00	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11	3.5E-01	9.1E-05	1.0E-03	3.4E-08	1.6E-01	1.4E-02	7.4E-11
189	8.5E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	3.1E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.5E-11
190	6.0E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	3.0E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
191	5.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.8E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
192	4.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
193	3.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
194	2.9E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	1.9E-11	1.4E-01	9.1E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11
195	4.0E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	3.9E-01	9.1E-05	1.0E-03	3.7E-08	1.6E-01	1.4E-02	8.2E-11
196	4.9E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	4.4E-01	9.1E-05	1.0E-03	4.2E-08	1.6E-01	1.4E-02	9.3E-11
197	6.0E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	4.9E-01	9.1E-05	1.0E-03	4.7E-08	1.6E-01	1.4E-02	1.0E-10
198	1.6E+00	3.6E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11	5.3E-01	9.1E-05	1.0E-03	5.0E-08	1.6E-01	1.4E-02	1.1E-10
199	1.4E+00	3.6E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11	4.7E-01	9.1E-05	1.0E-03	4.4E-08	1.6E-01	1.4E-02	9.8E-11
200	1.2E+00	3.6E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11	4.0E-01	9.1E-05	1.0E-03	3.8E-08	1.6E-01	1.4E-02	8.5E-11
201	9.4E-01	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.4E-11	3.4E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11
202	8.0E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.2E-11	3.0E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.3E-11
203	6.8E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	3.0E-11	2.7E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.6E-11
204	5.1E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.5E-11
205	4.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	1.9E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
206	3.4E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
207	3.0E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
208	3.6E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	3.4E-01	9.1E-05	1.0E-03	3.3E-08	1.6E-01	1.4E-02	7.2E-11
209	4.3E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.6E-11	3.8E-01	9.1E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	8.0E-11
210	5.2E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.8E-11	4.2E-01	9.1E-05	1.0E-03	4.0E-08	1.6E-01	1.4E-02	8.8E-11
211	1.1E+00	3.6E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11	4.1E-01	9.1E-05	1.0E-03	3.9E-08	1.6E-01	1.4E-02	8.6E-11
212	1.0E+00	3.6E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11	3.7E-01	9.1E-05	1.0E-03	3.6E-08	1.6E-01	1.4E-02	7.8E-11
213	8.7E-01	3.6E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.1E-11	3.3E-01	9.1E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
214	7.3E-01	3.6E-05	1.0E-03	1.3E-08	1.6E-01	1.4E-02	2.9E-11	2.9E-01	9.1E-05	1.0E-03	2.7E-08	1.6E-01	1.4E-02	6.1E-11
215	6.4E-01	3.6E-05	1.0E-03	1.2E-08	1.6E-01	1.4E-02	2.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
216	5.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
217	4.7E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.4E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	3.8E-01	3.6E-05	1.0E-03	9.4E-09	1.6E-01	1.4E-02	2.1E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.6E-11
219	3.0E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.4E-01	9.1E-05	1.0E-03	1.4E-08	1.6E-01	1.4E-02	3.0E-11
220	3.3E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	3.1E-01	9.1E-05	1.0E-03	2.9E-08	1.6E-01	1.4E-02	6.4E-11
221	3.9E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	3.4E-01	9.1E-05	1.0E-03	3.2E-08	1.6E-01	1.4E-02	7.0E-11
222	5.8E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.5E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.2E-11
223	5.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
224	4.6E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.2E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.3E-11
225	4.0E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	1.8E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
226	3.5E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	1.6E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
227	3.0E-01	3.6E-05	1.0E-03	8.8E-09	1.6E-01	1.4E-02	2.0E-11	2.8E-01	9.1E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11
228	3.4E-01	3.6E-05	1.0E-03	7.9E-09	1.6E-01	1.4E-02	1.7E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.4E-11
229	3.9E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	2.8E-01	9.1E-05	1.0E-03	2.6E-08	1.6E-01	1.4E-02	5.8E-11
230	6.1E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.5E-11	2.6E-01	9.1E-05	1.0E-03	2.5E-08	1.6E-01	1.4E-02	5.5E-11
231	5.5E-01	3.6E-05	1.0E-03	1.1E-08	1.6E-01	1.4E-02	2.3E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.0E-11
232	4.3E-01	3.6E-05	1.0E-03	9.3E-09	1.6E-01	1.4E-02	2.1E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
233	3.8E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
234	3.3E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
235	2.6E-01	3.6E-05	1.0E-03	6.8E-09	1.6E-01	1.4E-02	1.5E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.5E-11
236	3.0E-01	3.6E-05	1.0E-03	7.2E-09	1.6E-01	1.4E-02	1.6E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
237	3.4E-01	3.6E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
238	5.5E-01	3.6E-05	1.0E-03	1.0E-08	1.6E-01	1.4E-02	2.3E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
239	4.9E-01	3.6E-05	1.0E-03	9.7E-09	1.6E-01	1.4E-02	2.1E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
240	4.5E-01	3.6E-05	1.0E-03	9.2E-09	1.6E-01	1.4E-02	2.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
241	4.1E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	4.0E-11
242	3.2E-01	3.6E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
243	2.1E-01	3.6E-05	1.0E-03	5.8E-09	1.6E-01	1.4E-02	1.3E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
244	2.4E-01	3.6E-05	1.0E-03	6.2E-09	1.6E-01	1.4E-02	1.4E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
245	2.7E-01	3.6E-05	1.0E-03	6.6E-09	1.6E-01	1.4E-02	1.5E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.3E-11
246	5.3E-01	3.6E-05	1.0E-03	9.8E-09	1.6E-01	1.4E-02	2.2E-11	2.4E-01	9.1E-05	1.0E-03	2.3E-08	1.6E-01	1.4E-02	5.1E-11
247	4.9E-01	3.6E-05	1.0E-03	9.5E-09	1.6E-01	1.4E-02	2.1E-11	2.3E-01	9.1E-05	1.0E-03	2.2E-08	1.6E-01	1.4E-02	4.8E-11
248	4.5E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul1							Haul2a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	4.1E-01	3.6E-05	1.0E-03	8.6E-09	1.6E-01	1.4E-02	1.9E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.1E-11
250	3.8E-01	3.6E-05	1.0E-03	8.1E-09	1.6E-01	1.4E-02	1.8E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.8E-11
251	3.4E-01	3.6E-05	1.0E-03	7.7E-09	1.6E-01	1.4E-02	1.7E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
252	3.1E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	1.5E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
253	1.7E-01	3.6E-05	1.0E-03	5.0E-09	1.6E-01	1.4E-02	1.1E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.3E-11
254	1.9E-01	3.6E-05	1.0E-03	5.3E-09	1.6E-01	1.4E-02	1.2E-11	1.7E-01	9.1E-05	1.0E-03	1.6E-08	1.6E-01	1.4E-02	3.5E-11
255	2.2E-01	3.6E-05	1.0E-03	5.7E-09	1.6E-01	1.4E-02	1.3E-11	1.8E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
256	2.4E-01	3.6E-05	1.0E-03	6.1E-09	1.6E-01	1.4E-02	1.3E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
257	4.7E-01	3.6E-05	1.0E-03	9.0E-09	1.6E-01	1.4E-02	2.0E-11	2.2E-01	9.1E-05	1.0E-03	2.1E-08	1.6E-01	1.4E-02	4.7E-11
258	4.4E-01	3.6E-05	1.0E-03	8.7E-09	1.6E-01	1.4E-02	1.9E-11	2.1E-01	9.1E-05	1.0E-03	2.0E-08	1.6E-01	1.4E-02	4.4E-11
259	4.1E-01	3.6E-05	1.0E-03	8.4E-09	1.6E-01	1.4E-02	1.9E-11	2.0E-01	9.1E-05	1.0E-03	1.9E-08	1.6E-01	1.4E-02	4.2E-11
260	3.8E-01	3.6E-05	1.0E-03	8.0E-09	1.6E-01	1.4E-02	1.8E-11	1.9E-01	9.1E-05	1.0E-03	1.8E-08	1.6E-01	1.4E-02	3.9E-11
261	3.5E-01	3.6E-05	1.0E-03	7.6E-09	1.6E-01	1.4E-02	1.7E-11	1.7E-01	9.1E-05	1.0E-03	1.7E-08	1.6E-01	1.4E-02	3.7E-11
262	3.2E-01	3.6E-05	1.0E-03	7.3E-09	1.6E-01	1.4E-02	1.6E-11	1.6E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.4E-11
263	3.0E-01	3.6E-05	1.0E-03	6.9E-09	1.6E-01	1.4E-02	1.5E-11	1.5E-01	9.1E-05	1.0E-03	1.5E-08	1.6E-01	1.4E-02	3.2E-11

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Haul2b								Haul3a						
Receptor #	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
1	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E-01	8.5E-06	1.8E-10	2.6E-16	9.3E+00	9.1E-05	2.2E-19
2	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E-01	8.5E-06	1.8E-10	2.7E-16	9.3E+00	9.1E-05	2.3E-19
3	2.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.3E-19
4	3.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E-01	8.5E-06	1.8E-10	3.0E-16	9.3E+00	9.1E-05	2.5E-19
5	3.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
6	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
7	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
8	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
9	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
10	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.8E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
11	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.3E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.0E-19
12	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
13	9.8E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	9.9E-20
14	7.7E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.4E-02	8.5E-06	1.8E-10	9.5E-17	9.3E+00	9.1E-05	8.0E-20
15	7.2E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-02	8.5E-06	1.8E-10	9.0E-17	9.3E+00	9.1E-05	7.6E-20
16	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.8E-19
17	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.4E-01	8.5E-06	1.8E-10	3.5E-16	9.3E+00	9.1E-05	3.0E-19
18	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.5E-01	8.5E-06	1.8E-10	3.7E-16	9.3E+00	9.1E-05	3.1E-19
19	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
20	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.4E-19
21	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
22	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
23	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.3E-19
24	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
25	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.4E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
26	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.8E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
27	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.2E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.0E-19
28	7.8E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-02	8.5E-06	1.8E-10	9.8E-17	9.3E+00	9.1E-05	8.3E-20
29	4.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.9E-16	9.3E+00	9.1E-05	3.3E-19
30	4.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.4E-19
31	5.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.0E-01	8.5E-06	1.8E-10	4.5E-16	9.3E+00	9.1E-05	3.8E-19

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
32	5.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
33	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
34	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
35	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
36	1.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
37	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.4E-19
38	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.3E-19
39	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.6E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
40	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.0E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
41	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-02	8.5E-06	1.8E-10	1.2E-16	9.3E+00	9.1E-05	1.1E-19
42	9.0E-02	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-02	8.5E-06	1.8E-10	1.1E-16	9.3E+00	9.1E-05	9.7E-20
43	5.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
44	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.2E-01	8.5E-06	1.8E-10	4.8E-16	9.3E+00	9.1E-05	4.1E-19
45	6.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.0E-16	9.3E+00	9.1E-05	4.3E-19
46	6.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
47	2.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
48	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
49	2.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
50	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
51	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
52	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.4E-19
53	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.8E-02	8.5E-06	1.8E-10	1.5E-16	9.3E+00	9.1E-05	1.2E-19
54	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
55	1.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-02	8.5E-06	1.8E-10	1.3E-16	9.3E+00	9.1E-05	1.1E-19
56	6.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.3E-19
57	7.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E-01	8.5E-06	1.8E-10	5.5E-16	9.3E+00	9.1E-05	4.6E-19
58	7.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
59	8.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.0E-01	8.5E-06	1.8E-10	6.0E-16	9.3E+00	9.1E-05	5.1E-19
60	8.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.2E-19
61	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.4E-16	9.3E+00	9.1E-05	5.4E-19
62	3.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
63	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
64	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
65	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
66	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.7E-19
67	1.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.0E-16	9.3E+00	9.1E-05	1.7E-19
68	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.8E-16	9.3E+00	9.1E-05	1.5E-19
69	1.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E-01	8.5E-06	1.8E-10	1.6E-16	9.3E+00	9.1E-05	1.3E-19
70	1.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-02	8.5E-06	1.8E-10	1.4E-16	9.3E+00	9.1E-05	1.2E-19
71	9.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.3E-19
72	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E-01	8.5E-06	1.8E-10	6.6E-16	9.3E+00	9.1E-05	5.6E-19
73	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.7E-01	8.5E-06	1.8E-10	7.0E-16	9.3E+00	9.1E-05	5.9E-19
74	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.3E-16	9.3E+00	9.1E-05	6.1E-19
75	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
76	9.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.4E-19
77	7.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
78	5.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.1E-16	9.3E+00	9.1E-05	4.3E-19
79	3.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.4E-01	8.5E-06	1.8E-10	3.6E-16	9.3E+00	9.1E-05	3.0E-19
80	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
81	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
82	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E-01	8.5E-06	1.8E-10	2.6E-16	9.3E+00	9.1E-05	2.2E-19
83	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
84	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
85	1.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
86	1.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E-01	8.5E-06	1.8E-10	1.7E-16	9.3E+00	9.1E-05	1.5E-19
87	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.8E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
88	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.2E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19
89	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.5E-01	8.5E-06	1.8E-10	8.2E-16	9.3E+00	9.1E-05	6.9E-19
90	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.0E-16	9.3E+00	9.1E-05	6.8E-19
91	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.0E-01	8.5E-06	1.8E-10	9.0E-16	9.3E+00	9.1E-05	7.6E-19
92	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.1E-16	9.3E+00	9.1E-05	7.7E-19
93	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.1E-16	9.3E+00	9.1E-05	6.8E-19

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
94	6.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.4E-16	9.3E+00	9.1E-05	5.4E-19
95	4.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.1E-19
96	3.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.5E-19
97	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.5E-16	9.3E+00	9.1E-05	2.9E-19
98	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
99	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E-01	8.5E-06	1.8E-10	2.7E-16	9.3E+00	9.1E-05	2.2E-19
100	1.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E-01	8.5E-06	1.8E-10	2.4E-16	9.3E+00	9.1E-05	2.0E-19
101	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E-01	8.5E-06	1.8E-10	2.1E-16	9.3E+00	9.1E-05	1.8E-19
102	1.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E-01	8.5E-06	1.8E-10	1.9E-16	9.3E+00	9.1E-05	1.6E-19
103	2.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.1E-16	9.3E+00	9.1E-05	7.7E-19
104	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-01	8.5E-06	1.8E-10	9.8E-16	9.3E+00	9.1E-05	8.3E-19
105	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	8.9E-19
106	2.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.4E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.3E-19
107	1.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
108	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.8E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.6E-19
109	8.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19
110	7.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.3E-19
111	7.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.1E-16	9.3E+00	9.1E-05	6.8E-19
112	4.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E-01	8.5E-06	1.8E-10	5.5E-16	9.3E+00	9.1E-05	4.6E-19
113	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
114	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E-01	8.5E-06	1.8E-10	4.4E-16	9.3E+00	9.1E-05	3.7E-19
115	2.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
116	2.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.4E-19
117	1.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E-01	8.5E-06	1.8E-10	2.3E-16	9.3E+00	9.1E-05	1.9E-19
118	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.3E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.2E-19
119	4.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18
120	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.7E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
121	3.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.4E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
122	2.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.7E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
123	2.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.8E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
124	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
125	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
126	9.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.3E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.2E-19
127	7.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.7E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.2E-19
128	5.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
129	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
130	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E-01	8.5E-06	1.8E-10	4.4E-16	9.3E+00	9.1E-05	3.7E-19
131	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
132	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.9E-16	9.3E+00	9.1E-05	2.4E-19
133	9.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.5E-01	8.5E-06	1.8E-10	9.8E-16	9.3E+00	9.1E-05	8.2E-19
134	1.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.4E-18
135	8.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.4E-18
136	5.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.8E-15	9.3E+00	9.1E-05	1.5E-18
137	3.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
138	3.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
139	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
140	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.7E-15	9.3E+00	9.1E-05	1.5E-18
141	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.3E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
142	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.6E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
143	6.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.1E-01	8.5E-06	1.8E-10	9.2E-16	9.3E+00	9.1E-05	7.7E-19
144	4.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.1E-01	8.5E-06	1.8E-10	6.1E-16	9.3E+00	9.1E-05	5.1E-19
145	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.2E-19
146	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.9E-16	9.3E+00	9.1E-05	3.3E-19
147	2.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.1E-16	9.3E+00	9.1E-05	2.6E-19
148	6.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.3E-01	8.5E-06	1.8E-10	7.8E-16	9.3E+00	9.1E-05	6.6E-19
149	8.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.4E-01	8.5E-06	1.8E-10	9.6E-16	9.3E+00	9.1E-05	8.0E-19
150	1.3E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
151	1.9E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.1E-15	9.3E+00	9.1E-05	1.8E-18
152	9.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.4E-15	9.3E+00	9.1E-05	2.0E-18
153	6.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.6E-15	9.3E+00	9.1E-05	2.2E-18
154	4.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
155	3.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.6E-15	9.3E+00	9.1E-05	2.2E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
156	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.4E-15	9.3E+00	9.1E-05	2.0E-18
157	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
158	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.5E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18
159	8.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.7E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.7E-19
160	4.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.3E-16	9.3E+00	9.1E-05	6.1E-19
161	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
162	2.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.2E-16	9.3E+00	9.1E-05	3.5E-19
163	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.9E-19
164	6.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.1E-01	8.5E-06	1.8E-10	7.5E-16	9.3E+00	9.1E-05	6.4E-19
165	8.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.2E-01	8.5E-06	1.8E-10	9.3E-16	9.3E+00	9.1E-05	7.8E-19
166	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.8E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	9.8E-19
167	1.6E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.0E+00	8.5E-06	1.8E-10	3.0E-15	9.3E+00	9.1E-05	2.5E-18
168	2.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E+00	8.5E-06	1.8E-10	3.4E-15	9.3E+00	9.1E-05	2.9E-18
169	1.3E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E+00	8.5E-06	1.8E-10	3.9E-15	9.3E+00	9.1E-05	3.3E-18
170	7.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.1E-15	9.3E+00	9.1E-05	3.4E-18
171	4.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.3E-18
172	3.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E+00	8.5E-06	1.8E-10	3.5E-15	9.3E+00	9.1E-05	2.9E-18
173	1.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.3E-15	9.3E+00	9.1E-05	2.0E-18
174	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.6E-15	9.3E+00	9.1E-05	1.3E-18
175	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.0E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.8E-19
176	5.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.8E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.2E-19
177	4.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.9E-16	9.3E+00	9.1E-05	5.8E-19
178	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.1E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.2E-19
179	2.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.8E-16	9.3E+00	9.1E-05	3.2E-19
180	4.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.6E-16	9.3E+00	9.1E-05	4.7E-19
181	6.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.2E-16	9.3E+00	9.1E-05	6.1E-19
182	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.9E-01	8.5E-06	1.8E-10	8.9E-16	9.3E+00	9.1E-05	7.5E-19
183	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.5E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.5E-19
184	2.4E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E+00	8.5E-06	1.8E-10	6.2E-15	9.3E+00	9.1E-05	5.2E-18
185	1.7E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E+00	8.5E-06	1.8E-10	6.8E-15	9.3E+00	9.1E-05	5.7E-18
186	8.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.5E+00	8.5E-06	1.8E-10	6.7E-15	9.3E+00	9.1E-05	5.6E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
187	4.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E+00	8.5E-06	1.8E-10	5.4E-15	9.3E+00	9.1E-05	4.6E-18
188	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
189	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.5E-15	9.3E+00	9.1E-05	2.1E-18
190	8.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.6E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
191	6.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.9E-01	8.5E-06	1.8E-10	1.0E-15	9.3E+00	9.1E-05	8.6E-19
192	4.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.9E-01	8.5E-06	1.8E-10	7.4E-16	9.3E+00	9.1E-05	6.2E-19
193	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.0E-01	8.5E-06	1.8E-10	5.9E-16	9.3E+00	9.1E-05	5.0E-19
194	2.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.0E-01	8.5E-06	1.8E-10	4.5E-16	9.3E+00	9.1E-05	3.8E-19
195	4.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.8E-01	8.5E-06	1.8E-10	5.7E-16	9.3E+00	9.1E-05	4.8E-19
196	5.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.9E-16	9.3E+00	9.1E-05	5.8E-19
197	7.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.7E-01	8.5E-06	1.8E-10	8.5E-16	9.3E+00	9.1E-05	7.1E-19
198	1.5E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.1E+00	8.5E-06	1.8E-10	1.4E-14	9.3E+00	9.1E-05	1.1E-17
199	1.9E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.9E+00	8.5E-06	1.8E-10	1.3E-14	9.3E+00	9.1E-05	1.1E-17
200	7.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E+00	8.5E-06	1.8E-10	9.9E-15	9.3E+00	9.1E-05	8.3E-18
201	3.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E+00	8.5E-06	1.8E-10	5.0E-15	9.3E+00	9.1E-05	4.2E-18
202	2.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
203	1.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.6E+00	8.5E-06	1.8E-10	2.3E-15	9.3E+00	9.1E-05	2.0E-18
204	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.1E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18
205	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.6E-01	8.5E-06	1.8E-10	9.9E-16	9.3E+00	9.1E-05	8.3E-19
206	4.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.2E-16	9.3E+00	9.1E-05	5.3E-19
207	3.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.1E-16	9.3E+00	9.1E-05	4.3E-19
208	4.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.5E-19
209	5.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E-01	8.5E-06	1.8E-10	6.5E-16	9.3E+00	9.1E-05	5.5E-19
210	6.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.4E-01	8.5E-06	1.8E-10	8.0E-16	9.3E+00	9.1E-05	6.7E-19
211	1.8E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E+00	8.5E-06	1.8E-10	1.1E-14	9.3E+00	9.1E-05	8.9E-18
212	1.4E+01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.5E+01	8.5E-06	1.8E-10	2.3E-14	9.3E+00	9.1E-05	1.9E-17
213	5.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.0E+00	8.5E-06	1.8E-10	9.0E-15	9.3E+00	9.1E-05	7.6E-18
214	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E+00	8.5E-06	1.8E-10	4.2E-15	9.3E+00	9.1E-05	3.6E-18
215	1.6E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E+00	8.5E-06	1.8E-10	2.8E-15	9.3E+00	9.1E-05	2.3E-18
216	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	1.9E-15	9.3E+00	9.1E-05	1.6E-18
217	8.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.2E-01	8.5E-06	1.8E-10	1.4E-15	9.3E+00	9.1E-05	1.2E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
218	5.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.6E-01	8.5E-06	1.8E-10	8.4E-16	9.3E+00	9.1E-05	7.0E-19
219	3.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.6E-19
220	3.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
221	4.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E-01	8.5E-06	1.8E-10	6.3E-16	9.3E+00	9.1E-05	5.3E-19
222	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E+00	8.5E-06	1.8E-10	3.2E-15	9.3E+00	9.1E-05	2.7E-18
223	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.1E-15	9.3E+00	9.1E-05	1.8E-18
224	9.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.1E+00	8.5E-06	1.8E-10	1.6E-15	9.3E+00	9.1E-05	1.3E-18
225	7.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.9E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	9.9E-19
226	5.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.8E-01	8.5E-06	1.8E-10	8.6E-16	9.3E+00	9.1E-05	7.3E-19
227	3.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.4E-01	8.5E-06	1.8E-10	5.0E-16	9.3E+00	9.1E-05	4.2E-19
228	4.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E-01	8.5E-06	1.8E-10	5.4E-16	9.3E+00	9.1E-05	4.5E-19
229	5.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.6E-01	8.5E-06	1.8E-10	6.8E-16	9.3E+00	9.1E-05	5.8E-19
230	2.8E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.4E+00	8.5E-06	1.8E-10	6.6E-15	9.3E+00	9.1E-05	5.6E-18
231	1.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.4E-18
232	9.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.2E+00	8.5E-06	1.8E-10	1.8E-15	9.3E+00	9.1E-05	1.5E-18
233	7.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.4E-01	8.5E-06	1.8E-10	1.3E-15	9.3E+00	9.1E-05	1.1E-18
234	5.5E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	6.2E-01	8.5E-06	1.8E-10	9.3E-16	9.3E+00	9.1E-05	7.8E-19
235	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.8E-01	8.5E-06	1.8E-10	4.2E-16	9.3E+00	9.1E-05	3.6E-19
236	3.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.5E-01	8.5E-06	1.8E-10	5.2E-16	9.3E+00	9.1E-05	4.4E-19
237	4.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.3E-01	8.5E-06	1.8E-10	6.5E-16	9.3E+00	9.1E-05	5.5E-19
238	2.4E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	4.2E+00	8.5E-06	1.8E-10	6.2E-15	9.3E+00	9.1E-05	5.3E-18
239	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E+00	8.5E-06	1.8E-10	4.0E-15	9.3E+00	9.1E-05	3.3E-18
240	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
241	1.0E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
242	6.0E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.1E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	8.9E-19
243	2.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.3E-01	8.5E-06	1.8E-10	3.4E-16	9.3E+00	9.1E-05	2.8E-19
244	2.8E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.7E-01	8.5E-06	1.8E-10	4.1E-16	9.3E+00	9.1E-05	3.4E-19
245	3.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.3E-01	8.5E-06	1.8E-10	4.9E-16	9.3E+00	9.1E-05	4.2E-19
246	2.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	5.0E+00	8.5E-06	1.8E-10	7.5E-15	9.3E+00	9.1E-05	6.3E-18
247	1.9E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.6E+00	8.5E-06	1.8E-10	5.3E-15	9.3E+00	9.1E-05	4.5E-18
248	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.5E+00	8.5E-06	1.8E-10	3.8E-15	9.3E+00	9.1E-05	3.2E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul2b							Haul3a						
	Conc	g/sec	D1	Dose	R1	ED	Risk	Conc	g/sec	D1	Dose	R1	ED	Risk
249	1.2E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.8E+00	8.5E-06	1.8E-10	2.7E-15	9.3E+00	9.1E-05	2.3E-18
250	9.7E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.4E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
251	7.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	9.9E-01	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.2E-18
252	6.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	7.6E-01	8.5E-06	1.8E-10	1.1E-15	9.3E+00	9.1E-05	9.6E-19
253	1.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.9E-01	8.5E-06	1.8E-10	2.8E-16	9.3E+00	9.1E-05	2.3E-19
254	2.2E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.1E-01	8.5E-06	1.8E-10	3.2E-16	9.3E+00	9.1E-05	2.7E-19
255	2.6E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.6E-01	8.5E-06	1.8E-10	3.8E-16	9.3E+00	9.1E-05	3.2E-19
256	3.1E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.1E-01	8.5E-06	1.8E-10	4.6E-16	9.3E+00	9.1E-05	3.9E-19
257	1.7E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	3.7E+00	8.5E-06	1.8E-10	5.5E-15	9.3E+00	9.1E-05	4.6E-18
258	1.5E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.9E+00	8.5E-06	1.8E-10	4.3E-15	9.3E+00	9.1E-05	3.6E-18
259	1.3E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	2.2E+00	8.5E-06	1.8E-10	3.3E-15	9.3E+00	9.1E-05	2.8E-18
260	1.1E+00	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.7E+00	8.5E-06	1.8E-10	2.5E-15	9.3E+00	9.1E-05	2.1E-18
261	8.9E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.3E+00	8.5E-06	1.8E-10	2.0E-15	9.3E+00	9.1E-05	1.7E-18
262	7.4E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	1.0E+00	8.5E-06	1.8E-10	1.5E-15	9.3E+00	9.1E-05	1.3E-18
263	6.3E-01	2.8E-05	1.8E-10	7.7E-16	9.3E+00	9.1E-05	6.5E-19	8.3E-01	8.5E-06	1.8E-10	1.2E-15	9.3E+00	9.1E-05	1.0E-18

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
1	1.7E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.5E-23	1.7E-02	5	2.8E-03
2	1.8E-01	1.7E-05	9.3E+00	4.4E-14	1.0E-03	8.8E-07	4.1E-23	2.6E-02	5	4.4E-03
3	1.8E-01	1.7E-05	9.3E+00	8.9E-14	1.0E-03	8.8E-07	8.2E-23	5.2E-02	5	8.7E-03
4	1.9E-01	1.7E-05	9.3E+00	4.5E-14	1.0E-03	8.8E-07	4.1E-23	2.6E-02	5	4.4E-03
5	2.0E-01	1.7E-05	9.3E+00	8.8E-14	1.0E-03	8.8E-07	8.1E-23	5.2E-02	5	8.6E-03
6	2.1E-01	1.7E-05	9.3E+00	2.5E-13	1.0E-03	8.8E-07	2.3E-22	1.4E-01	5	2.4E-02
7	8.5E-02	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.0E-03	5	1.2E-03
8	8.0E-02	1.7E-05	9.3E+00	8.4E-15	1.0E-03	8.8E-07	7.7E-24	4.9E-03	5	8.2E-04
9	7.8E-02	1.7E-05	9.3E+00	6.3E-15	1.0E-03	8.8E-07	5.8E-24	3.7E-03	5	6.1E-04
10	8.2E-02	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	4.9E-04
11	7.8E-02	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
12	7.8E-02	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
13	7.2E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
14	5.6E-02	1.7E-05	9.3E+00	1.5E-15	1.0E-03	8.8E-07	1.4E-24	8.9E-04	5	1.5E-04
15	5.4E-02	1.7E-05	9.3E+00	1.3E-15	1.0E-03	8.8E-07	1.2E-24	7.9E-04	5	1.3E-04
16	2.2E-01	1.7E-05	9.3E+00	6.8E-14	1.0E-03	8.8E-07	6.2E-23	4.0E-02	5	6.6E-03
17	2.3E-01	1.7E-05	9.3E+00	1.3E-13	1.0E-03	8.8E-07	1.2E-22	7.6E-02	5	1.3E-02
18	2.3E-01	1.7E-05	9.3E+00	3.0E-13	1.0E-03	8.8E-07	2.7E-22	1.7E-01	5	2.9E-02
19	9.8E-02	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.0E-03	5	1.5E-03
20	9.3E-02	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.7E-24	6.1E-03	5	1.0E-03
21	9.3E-02	1.7E-05	9.3E+00	7.7E-15	1.0E-03	8.8E-07	7.1E-24	4.5E-03	5	7.5E-04
22	9.2E-02	1.7E-05	9.3E+00	5.9E-15	1.0E-03	8.8E-07	5.4E-24	3.4E-03	5	5.7E-04
23	9.5E-02	1.7E-05	9.3E+00	4.7E-15	1.0E-03	8.8E-07	4.4E-24	2.8E-03	5	4.6E-04
24	9.2E-02	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07	3.5E-24	2.2E-03	5	3.7E-04
25	8.6E-02	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	3.0E-04
26	7.9E-02	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.4E-04
27	7.3E-02	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.0E-04
28	5.8E-02	1.7E-05	9.3E+00	1.4E-15	1.0E-03	8.8E-07	1.3E-24	8.5E-04	5	1.4E-04
29	2.5E-01	1.7E-05	9.3E+00	8.5E-14	1.0E-03	8.8E-07	7.8E-23	5.0E-02	5	8.3E-03
30	2.6E-01	1.7E-05	9.3E+00	1.5E-13	1.0E-03	8.8E-07	1.4E-22	9.0E-02	5	1.5E-02
31	2.8E-01	1.7E-05	9.3E+00	4.2E-13	1.0E-03	8.8E-07	3.9E-22	2.4E-01	5	4.1E-02

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
32	2.8E-01	1.7E-05	9.3E+00	2.6E-13	1.0E-03	8.8E-07	2.4E-22	1.5E-01	5	2.5E-02
33	1.1E-01	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	7.8E-03	5	1.3E-03
34	1.2E-01	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.0E-24	5.7E-03	5	9.5E-04
35	1.2E-01	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.3E-03	5	7.2E-04
36	1.1E-01	1.7E-05	9.3E+00	5.6E-15	1.0E-03	8.8E-07	5.2E-24	3.3E-03	5	5.5E-04
37	1.0E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	4.0E-24	2.5E-03	5	4.2E-04
38	9.4E-02	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
39	8.4E-02	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.6E-04
40	7.9E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
41	7.3E-02	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
42	6.7E-02	1.7E-05	9.3E+00	1.6E-15	1.0E-03	8.8E-07	1.5E-24	9.6E-04	5	1.6E-04
43	2.9E-01	1.7E-05	9.3E+00	8.6E-14	1.0E-03	8.8E-07	7.9E-23	5.0E-02	5	8.4E-03
44	3.0E-01	1.7E-05	9.3E+00	1.3E-13	1.0E-03	8.8E-07	1.2E-22	7.3E-02	5	1.2E-02
45	3.1E-01	1.7E-05	9.3E+00	1.5E-13	1.0E-03	8.8E-07	1.4E-22	8.7E-02	5	1.5E-02
46	3.2E-01	1.7E-05	9.3E+00	1.2E-13	1.0E-03	8.8E-07	1.1E-22	7.3E-02	5	1.2E-02
47	1.4E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	6.7E-03	5	1.1E-03
48	1.4E-01	1.7E-05	9.3E+00	8.7E-15	1.0E-03	8.8E-07	8.0E-24	5.1E-03	5	8.4E-04
49	1.3E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.8E-03	5	6.4E-04
50	1.1E-01	1.7E-05	9.3E+00	4.7E-15	1.0E-03	8.8E-07	4.3E-24	2.7E-03	5	4.6E-04
51	1.1E-01	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07	3.5E-24	2.2E-03	5	3.7E-04
52	9.8E-02	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.9E-24	1.8E-03	5	3.0E-04
53	8.5E-02	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.4E-03	5	2.4E-04
54	7.9E-02	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.0E-04
55	7.4E-02	1.7E-05	9.3E+00	1.8E-15	1.0E-03	8.8E-07	1.6E-24	1.0E-03	5	1.7E-04
56	3.3E-01	1.7E-05	9.3E+00	5.3E-14	1.0E-03	8.8E-07	4.9E-23	3.1E-02	5	5.2E-03
57	3.5E-01	1.7E-05	9.3E+00	6.7E-14	1.0E-03	8.8E-07	6.2E-23	4.0E-02	5	6.6E-03
58	3.5E-01	1.7E-05	9.3E+00	7.3E-14	1.0E-03	8.8E-07	6.7E-23	4.3E-02	5	7.2E-03
59	3.7E-01	1.7E-05	9.3E+00	7.2E-14	1.0E-03	8.8E-07	6.7E-23	4.3E-02	5	7.1E-03
60	3.7E-01	1.7E-05	9.3E+00	5.9E-14	1.0E-03	8.8E-07	5.4E-23	3.5E-02	5	5.9E-03
61	3.8E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	1.9E-02	5	3.1E-03
62	1.9E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.2E-23	7.9E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
63	1.7E-01	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.0E-24	5.7E-03	5	9.6E-04
64	1.7E-01	1.7E-05	9.3E+00	7.7E-15	1.0E-03	8.8E-07	7.1E-24	4.5E-03	5	7.5E-04
65	1.4E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.2E-24	3.3E-03	5	5.5E-04
66	1.2E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
67	1.2E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.5E-04
68	1.0E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
69	9.0E-02	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07	2.1E-24	1.4E-03	5	2.3E-04
70	8.1E-02	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
71	4.0E-01	1.7E-05	9.3E+00	4.3E-14	1.0E-03	8.8E-07	3.9E-23	2.6E-02	5	4.3E-03
72	4.1E-01	1.7E-05	9.3E+00	4.7E-14	1.0E-03	8.8E-07	4.3E-23	2.8E-02	5	4.7E-03
73	4.3E-01	1.7E-05	9.3E+00	4.7E-14	1.0E-03	8.8E-07	4.3E-23	2.8E-02	5	4.7E-03
74	4.3E-01	1.7E-05	9.3E+00	4.1E-14	1.0E-03	8.8E-07	3.8E-23	2.5E-02	5	4.2E-03
75	4.4E-01	1.7E-05	9.3E+00	3.4E-14	1.0E-03	8.8E-07	3.2E-23	2.0E-02	5	3.4E-03
76	4.4E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.5E-23	1.6E-02	5	2.7E-03
77	4.3E-01	1.7E-05	9.3E+00	2.1E-14	1.0E-03	8.8E-07	1.9E-23	1.2E-02	5	2.1E-03
78	2.9E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	8.8E-03	5	1.5E-03
79	2.1E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.7E-24	6.1E-03	5	1.0E-03
80	2.0E-01	1.7E-05	9.3E+00	8.3E-15	1.0E-03	8.8E-07	7.6E-24	4.8E-03	5	8.1E-04
81	1.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.3E-04
82	1.5E-01	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	2.9E-03	5	4.8E-04
83	1.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
84	1.2E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
85	1.1E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.5E-03	5	2.6E-04
86	9.9E-02	1.7E-05	9.3E+00	2.2E-15	1.0E-03	8.8E-07	2.1E-24	1.3E-03	5	2.2E-04
87	4.6E-01	1.7E-05	9.3E+00	3.0E-14	1.0E-03	8.8E-07	2.7E-23	1.8E-02	5	3.0E-03
88	4.8E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	2.0E-02	5	3.3E-03
89	5.0E-01	1.7E-05	9.3E+00	3.2E-14	1.0E-03	8.8E-07	3.0E-23	2.0E-02	5	3.3E-03
90	4.8E-01	1.7E-05	9.3E+00	3.5E-14	1.0E-03	8.8E-07	3.2E-23	2.2E-02	5	3.7E-03
91	5.2E-01	1.7E-05	9.3E+00	2.7E-14	1.0E-03	8.8E-07	2.4E-23	1.6E-02	5	2.7E-03
92	5.2E-01	1.7E-05	9.3E+00	2.2E-14	1.0E-03	8.8E-07	2.1E-23	1.3E-02	5	2.2E-03
93	4.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.8E-03

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
94	3.6E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.3E-23	8.3E-03	5	1.4E-03
95	2.8E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.9E-24	6.3E-03	5	1.0E-03
96	2.4E-01	1.7E-05	9.3E+00	8.4E-15	1.0E-03	8.8E-07	7.7E-24	4.9E-03	5	8.2E-04
97	2.0E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.8E-03	5	6.4E-04
98	1.7E-01	1.7E-05	9.3E+00	5.2E-15	1.0E-03	8.8E-07	4.8E-24	3.0E-03	5	5.1E-04
99	1.5E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.8E-24	2.4E-03	5	4.1E-04
100	1.3E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
101	1.2E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
102	1.1E-01	1.7E-05	9.3E+00	2.4E-15	1.0E-03	8.8E-07	2.2E-24	1.4E-03	5	2.3E-04
103	5.8E-01	1.7E-05	9.3E+00	2.3E-14	1.0E-03	8.8E-07	2.2E-23	1.5E-02	5	2.5E-03
104	6.0E-01	1.7E-05	9.3E+00	2.4E-14	1.0E-03	8.8E-07	2.2E-23	1.6E-02	5	2.6E-03
105	6.3E-01	1.7E-05	9.3E+00	2.3E-14	1.0E-03	8.8E-07	2.1E-23	1.4E-02	5	2.4E-03
106	6.4E-01	1.7E-05	9.3E+00	2.1E-14	1.0E-03	8.8E-07	1.9E-23	1.3E-02	5	2.1E-03
107	6.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.7E-23	1.1E-02	5	1.8E-03
108	5.4E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.1E-03	5	1.5E-03
109	4.1E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.3E-03	5	1.2E-03
110	4.1E-01	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.9E-24	6.3E-03	5	1.0E-03
111	4.4E-01	1.7E-05	9.3E+00	9.4E-15	1.0E-03	8.8E-07	8.7E-24	5.5E-03	5	9.2E-04
112	3.0E-01	1.7E-05	9.3E+00	7.3E-15	1.0E-03	8.8E-07	6.7E-24	4.3E-03	5	7.1E-04
113	2.8E-01	1.7E-05	9.3E+00	6.2E-15	1.0E-03	8.8E-07	5.7E-24	3.7E-03	5	6.1E-04
114	2.4E-01	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	5.0E-04
115	1.9E-01	1.7E-05	9.3E+00	4.1E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
116	1.6E-01	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07	3.0E-24	1.9E-03	5	3.2E-04
117	1.3E-01	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
118	7.0E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.9E-03
119	7.4E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.7E-23	1.2E-02	5	2.0E-03
120	7.7E-01	1.7E-05	9.3E+00	1.8E-14	1.0E-03	8.8E-07	1.6E-23	1.1E-02	5	1.9E-03
121	7.9E-01	1.7E-05	9.3E+00	1.7E-14	1.0E-03	8.8E-07	1.5E-23	1.0E-02	5	1.7E-03
122	7.9E-01	1.7E-05	9.3E+00	1.5E-14	1.0E-03	8.8E-07	1.4E-23	9.1E-03	5	1.5E-03
123	7.8E-01	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	8.0E-03	5	1.3E-03
124	7.4E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.0E-03	5	1.2E-03

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
125	6.6E-01	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.4E-24	6.0E-03	5	1.0E-03
126	5.7E-01	1.7E-05	9.3E+00	8.8E-15	1.0E-03	8.8E-07	8.1E-24	5.2E-03	5	8.6E-04
127	4.5E-01	1.7E-05	9.3E+00	7.5E-15	1.0E-03	8.8E-07	6.9E-24	4.4E-03	5	7.3E-04
128	3.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.7E-03	5	6.2E-04
129	3.0E-01	1.7E-05	9.3E+00	5.3E-15	1.0E-03	8.8E-07	4.9E-24	3.1E-03	5	5.2E-04
130	2.4E-01	1.7E-05	9.3E+00	4.4E-15	1.0E-03	8.8E-07	4.0E-24	2.5E-03	5	4.2E-04
131	1.8E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.2E-24	2.0E-03	5	3.3E-04
132	1.6E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
133	8.0E-01	1.7E-05	9.3E+00	8.5E-15	1.0E-03	8.8E-07	7.8E-24	5.1E-03	5	8.4E-04
134	1.0E+00	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	9.0E-03	5	1.5E-03
135	9.8E-01	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.3E-23	9.3E-03	5	1.6E-03
136	1.0E+00	1.7E-05	9.3E+00	1.4E-14	1.0E-03	8.8E-07	1.2E-23	8.3E-03	5	1.4E-03
137	1.0E+00	1.7E-05	9.3E+00	1.3E-14	1.0E-03	8.8E-07	1.2E-23	7.6E-03	5	1.3E-03
138	9.9E-01	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	6.9E-03	5	1.1E-03
139	9.3E-01	1.7E-05	9.3E+00	1.0E-14	1.0E-03	8.8E-07	9.5E-24	6.1E-03	5	1.0E-03
140	8.4E-01	1.7E-05	9.3E+00	9.1E-15	1.0E-03	8.8E-07	8.4E-24	5.4E-03	5	9.0E-04
141	7.0E-01	1.7E-05	9.3E+00	8.0E-15	1.0E-03	8.8E-07	7.4E-24	4.7E-03	5	7.9E-04
142	5.7E-01	1.7E-05	9.3E+00	7.0E-15	1.0E-03	8.8E-07	6.5E-24	4.1E-03	5	6.9E-04
143	4.6E-01	1.7E-05	9.3E+00	6.1E-15	1.0E-03	8.8E-07	5.6E-24	3.6E-03	5	6.0E-04
144	3.1E-01	1.7E-05	9.3E+00	5.0E-15	1.0E-03	8.8E-07	4.6E-24	2.9E-03	5	4.9E-04
145	2.6E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
146	2.1E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.5E-04
147	1.7E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
148	7.1E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.9E-03	5	6.4E-04
149	8.4E-01	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.4E-03	5	7.3E-04
150	1.2E+00	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.7E-03	5	1.3E-03
151	1.3E+00	1.7E-05	9.3E+00	1.2E-14	1.0E-03	8.8E-07	1.1E-23	7.7E-03	5	1.3E-03
152	1.3E+00	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	1.0E-23	7.0E-03	5	1.2E-03
153	1.3E+00	1.7E-05	9.3E+00	1.1E-14	1.0E-03	8.8E-07	9.7E-24	6.5E-03	5	1.1E-03
154	1.3E+00	1.7E-05	9.3E+00	9.8E-15	1.0E-03	8.8E-07	9.1E-24	6.0E-03	5	9.9E-04
155	1.2E+00	1.7E-05	9.3E+00	9.0E-15	1.0E-03	8.8E-07	8.3E-24	5.4E-03	5	9.0E-04

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
156	1.1E+00	1.7E-05	9.3E+00	8.1E-15	1.0E-03	8.8E-07	7.5E-24	4.9E-03	5	8.1E-04
157	9.1E-01	1.7E-05	9.3E+00	7.3E-15	1.0E-03	8.8E-07	6.7E-24	4.3E-03	5	7.2E-04
158	6.8E-01	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.3E-04
159	5.5E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.6E-04
160	3.6E-01	1.7E-05	9.3E+00	4.8E-15	1.0E-03	8.8E-07	4.4E-24	2.8E-03	5	4.7E-04
161	2.6E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
162	2.2E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.2E-24	2.0E-03	5	3.3E-04
163	1.8E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
164	7.3E-01	1.7E-05	9.3E+00	5.7E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.7E-04
165	8.8E-01	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.8E-03	5	6.4E-04
166	1.1E+00	1.7E-05	9.3E+00	7.1E-15	1.0E-03	8.8E-07	6.5E-24	4.2E-03	5	7.0E-04
167	1.8E+00	1.7E-05	9.3E+00	9.7E-15	1.0E-03	8.8E-07	9.0E-24	6.3E-03	5	1.1E-03
168	1.9E+00	1.7E-05	9.3E+00	9.4E-15	1.0E-03	8.8E-07	8.7E-24	6.4E-03	5	1.1E-03
169	1.9E+00	1.7E-05	9.3E+00	9.0E-15	1.0E-03	8.8E-07	8.3E-24	5.7E-03	5	9.6E-04
170	1.9E+00	1.7E-05	9.3E+00	8.5E-15	1.0E-03	8.8E-07	7.8E-24	5.3E-03	5	8.8E-04
171	1.7E+00	1.7E-05	9.3E+00	7.9E-15	1.0E-03	8.8E-07	7.3E-24	4.8E-03	5	8.0E-04
172	1.4E+00	1.7E-05	9.3E+00	7.2E-15	1.0E-03	8.8E-07	6.7E-24	4.4E-03	5	7.3E-04
173	1.0E+00	1.7E-05	9.3E+00	6.5E-15	1.0E-03	8.8E-07	6.0E-24	3.9E-03	5	6.4E-04
174	7.1E-01	1.7E-05	9.3E+00	5.8E-15	1.0E-03	8.8E-07	5.3E-24	3.4E-03	5	5.7E-04
175	4.9E-01	1.7E-05	9.3E+00	5.0E-15	1.0E-03	8.8E-07	4.6E-24	2.9E-03	5	4.9E-04
176	4.1E-01	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.1E-24	2.6E-03	5	4.4E-04
177	3.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
178	3.1E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
179	2.0E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
180	5.7E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
181	7.2E-01	1.7E-05	9.3E+00	5.1E-15	1.0E-03	8.8E-07	4.7E-24	3.0E-03	5	5.0E-04
182	9.1E-01	1.7E-05	9.3E+00	5.6E-15	1.0E-03	8.8E-07	5.1E-24	3.3E-03	5	5.5E-04
183	1.1E+00	1.7E-05	9.3E+00	6.2E-15	1.0E-03	8.8E-07	5.7E-24	3.7E-03	5	6.1E-04
184	3.0E+00	1.7E-05	9.3E+00	7.8E-15	1.0E-03	8.8E-07	7.1E-24	5.3E-03	5	8.9E-04
185	2.9E+00	1.7E-05	9.3E+00	7.4E-15	1.0E-03	8.8E-07	6.8E-24	4.9E-03	5	8.1E-04
186	2.5E+00	1.7E-05	9.3E+00	6.9E-15	1.0E-03	8.8E-07	6.4E-24	4.4E-03	5	7.3E-04

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
187	2.0E+00	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	3.9E-03	5	6.6E-04
188	1.3E+00	1.7E-05	9.3E+00	5.9E-15	1.0E-03	8.8E-07	5.4E-24	3.5E-03	5	5.9E-04
189	1.0E+00	1.7E-05	9.3E+00	5.4E-15	1.0E-03	8.8E-07	5.0E-24	3.2E-03	5	5.4E-04
190	5.7E-01	1.7E-05	9.3E+00	4.6E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.5E-04
191	4.8E-01	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
192	3.6E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
193	3.0E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07	3.1E-24	2.0E-03	5	3.3E-04
194	2.3E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.8E-24	1.8E-03	5	2.9E-04
195	5.7E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	4.0E-04
196	7.1E-01	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.4E-04
197	9.1E-01	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	2.9E-03	5	4.9E-04
198	5.0E+00	1.7E-05	9.3E+00	6.4E-15	1.0E-03	8.8E-07	5.9E-24	4.3E-03	5	7.1E-04
199	4.1E+00	1.7E-05	9.3E+00	6.1E-15	1.0E-03	8.8E-07	5.6E-24	4.2E-03	5	7.0E-04
200	2.9E+00	1.7E-05	9.3E+00	5.8E-15	1.0E-03	8.8E-07	5.3E-24	3.7E-03	5	6.1E-04
201	1.7E+00	1.7E-05	9.3E+00	5.3E-15	1.0E-03	8.8E-07	4.9E-24	3.2E-03	5	5.4E-04
202	1.3E+00	1.7E-05	9.3E+00	4.9E-15	1.0E-03	8.8E-07	4.5E-24	3.0E-03	5	4.9E-04
203	9.6E-01	1.7E-05	9.3E+00	4.6E-15	1.0E-03	8.8E-07	4.2E-24	2.7E-03	5	4.5E-04
204	5.4E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	3.9E-04
205	4.7E-01	1.7E-05	9.3E+00	3.7E-15	1.0E-03	8.8E-07	3.4E-24	2.2E-03	5	3.7E-04
206	3.1E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07	2.9E-24	1.9E-03	5	3.1E-04
207	2.6E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.7E-24	1.7E-03	5	2.9E-04
208	5.4E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.1E-03	5	3.6E-04
209	6.8E-01	1.7E-05	9.3E+00	4.0E-15	1.0E-03	8.8E-07	3.7E-24	2.4E-03	5	3.9E-04
210	8.8E-01	1.7E-05	9.3E+00	4.3E-15	1.0E-03	8.8E-07	4.0E-24	2.6E-03	5	4.3E-04
211	6.2E+00	1.7E-05	9.3E+00	5.4E-15	1.0E-03	8.8E-07	5.0E-24	3.8E-03	5	6.3E-04
212	4.4E+00	1.7E-05	9.3E+00	5.2E-15	1.0E-03	8.8E-07	4.8E-24	3.5E-03	5	5.9E-04
213	2.5E+00	1.7E-05	9.3E+00	4.8E-15	1.0E-03	8.8E-07	4.5E-24	3.0E-03	5	5.0E-04
214	1.5E+00	1.7E-05	9.3E+00	4.5E-15	1.0E-03	8.8E-07	4.1E-24	2.7E-03	5	4.5E-04
215	1.1E+00	1.7E-05	9.3E+00	4.2E-15	1.0E-03	8.8E-07	3.9E-24	2.5E-03	5	4.2E-04
216	8.0E-01	1.7E-05	9.3E+00	3.9E-15	1.0E-03	8.8E-07	3.6E-24	2.3E-03	5	3.9E-04
217	6.3E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07	3.3E-24	2.2E-03	5	3.6E-04

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Conc	g/sec	D1	Haul3b				Risk		HI	
				Dose	R1	ED					
218	4.0E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07		3.0E-24	1.9E-03	5	3.2E-04
219	2.7E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07		2.5E-24	1.6E-03	5	2.7E-04
220	5.1E-01	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07		3.0E-24	1.9E-03	5	3.2E-04
221	6.5E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07		3.3E-24	2.1E-03	5	3.5E-04
222	1.2E+00	1.7E-05	9.3E+00	3.9E-15	1.0E-03	8.8E-07		3.5E-24	2.3E-03	5	3.9E-04
223	8.8E-01	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07		3.3E-24	2.2E-03	5	3.6E-04
224	7.0E-01	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07		3.1E-24	2.0E-03	5	3.4E-04
225	5.5E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07		2.9E-24	1.9E-03	5	3.1E-04
226	4.2E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07		2.7E-24	1.7E-03	5	2.9E-04
227	4.9E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07		2.8E-24	1.8E-03	5	3.0E-04
228	6.4E-01	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07		2.5E-24	1.6E-03	5	2.7E-04
229	9.3E-01	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07		2.6E-24	1.7E-03	5	2.8E-04
230	2.1E+00	1.7E-05	9.3E+00	3.8E-15	1.0E-03	8.8E-07		3.5E-24	2.3E-03	5	3.9E-04
231	1.5E+00	1.7E-05	9.3E+00	3.6E-15	1.0E-03	8.8E-07		3.3E-24	2.2E-03	5	3.6E-04
232	7.6E-01	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07		2.9E-24	1.9E-03	5	3.1E-04
233	5.7E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07		2.7E-24	1.8E-03	5	2.9E-04
234	4.4E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07		2.5E-24	1.6E-03	5	2.7E-04
235	4.5E-01	1.7E-05	9.3E+00	2.3E-15	1.0E-03	8.8E-07		2.1E-24	1.4E-03	5	2.3E-04
236	5.9E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07		2.3E-24	1.5E-03	5	2.4E-04
237	8.3E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07		2.4E-24	1.5E-03	5	2.6E-04
238	2.2E+00	1.7E-05	9.3E+00	3.5E-15	1.0E-03	8.8E-07		3.2E-24	2.1E-03	5	3.6E-04
239	1.5E+00	1.7E-05	9.3E+00	3.3E-15	1.0E-03	8.8E-07		3.0E-24	2.0E-03	5	3.3E-04
240	1.1E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07		2.9E-24	1.9E-03	5	3.1E-04
241	8.5E-01	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07		2.7E-24	1.8E-03	5	3.0E-04
242	4.9E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07		2.4E-24	1.6E-03	5	2.6E-04
243	3.3E-01	1.7E-05	9.3E+00	2.0E-15	1.0E-03	8.8E-07		1.8E-24	1.2E-03	5	1.9E-04
244	4.3E-01	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07		2.0E-24	1.3E-03	5	2.1E-04
245	5.5E-01	1.7E-05	9.3E+00	2.2E-15	1.0E-03	8.8E-07		2.1E-24	1.3E-03	5	2.2E-04
246	3.1E+00	1.7E-05	9.3E+00	3.4E-15	1.0E-03	8.8E-07		3.1E-24	2.1E-03	5	3.5E-04
247	2.1E+00	1.7E-05	9.3E+00	3.2E-15	1.0E-03	8.8E-07		3.0E-24	2.0E-03	5	3.3E-04
248	1.5E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07		2.8E-24	1.9E-03	5	3.1E-04

Diamond Bar - Crooked Creek
Risk From Home Construction - Unmitigated Residential

Receptor #	Haul3b							HI		
	Conc	g/sec	D1	Dose	R1	ED	Risk			
249	1.2E+00	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	2.9E-04
250	9.0E-01	1.7E-05	9.3E+00	2.8E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.8E-04
251	6.7E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
252	5.3E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.4E-04
253	2.6E-01	1.7E-05	9.3E+00	1.7E-15	1.0E-03	8.8E-07	1.6E-24	1.0E-03	5	1.7E-04
254	3.1E-01	1.7E-05	9.3E+00	1.8E-15	1.0E-03	8.8E-07	1.7E-24	1.1E-03	5	1.8E-04
255	3.9E-01	1.7E-05	9.3E+00	1.9E-15	1.0E-03	8.8E-07	1.8E-24	1.1E-03	5	1.9E-04
256	5.2E-01	1.7E-05	9.3E+00	2.1E-15	1.0E-03	8.8E-07	1.9E-24	1.2E-03	5	2.1E-04
257	2.7E+00	1.7E-05	9.3E+00	3.1E-15	1.0E-03	8.8E-07	2.8E-24	1.9E-03	5	3.2E-04
258	2.0E+00	1.7E-05	9.3E+00	3.0E-15	1.0E-03	8.8E-07	2.7E-24	1.8E-03	5	3.0E-04
259	1.5E+00	1.7E-05	9.3E+00	2.9E-15	1.0E-03	8.8E-07	2.6E-24	1.7E-03	5	2.9E-04
260	1.2E+00	1.7E-05	9.3E+00	2.7E-15	1.0E-03	8.8E-07	2.5E-24	1.6E-03	5	2.7E-04
261	9.1E-01	1.7E-05	9.3E+00	2.6E-15	1.0E-03	8.8E-07	2.4E-24	1.6E-03	5	2.6E-04
262	7.3E-01	1.7E-05	9.3E+00	2.5E-15	1.0E-03	8.8E-07	2.3E-24	1.5E-03	5	2.5E-04
263	6.0E-01	1.7E-05	9.3E+00	2.4E-15	1.0E-03	8.8E-07	2.2E-24	1.4E-03	5	2.3E-04

4. Risk by Construction Phase
f. Architectural Coating

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

	31 0.5594	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
1	0.0362	3.6E-08	3.6E-08	0.0E+00	2.1289	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.6E-08
2	0.0593	5.9E-08	5.9E-08	0.0E+00	3.48869	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	5.9E-08
3	0.1192	1.2E-07	1.2E-07	0.0E+00	7.01295	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
4	0.0596	6.0E-08	6.0E-08	0.0E+00	3.50541	7.4E-03	1.0E-03	2.7E-05	1.6E-01	1.4E-02	6.0E-08
5	0.1182	1.2E-07	1.2E-07	0.0E+00	6.95063	7.4E-03	1.0E-03	5.4E-05	1.6E-01	1.4E-02	1.2E-07
6	0.3290	3.3E-07	3.3E-07	0.0E+00	19.35187	7.4E-03	1.0E-03	1.5E-04	1.6E-01	1.4E-02	3.3E-07
7	0.0161	1.6E-08	1.6E-08	0.0E+00	0.94627	7.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
8	0.0112	1.1E-08	1.1E-08	0.0E+00	0.66164	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
9	0.0084	8.4E-09	8.4E-09	0.0E+00	0.49331	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.4E-09
10	0.0068	6.8E-09	6.8E-09	0.0E+00	0.3994	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
11	0.0043	4.3E-09	4.3E-09	0.0E+00	0.25515	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
12	0.0037	3.7E-09	3.7E-09	0.0E+00	0.21654	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
13	0.0030	3.0E-09	3.0E-09	0.0E+00	0.17828	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
14	0.0020	2.0E-09	2.0E-09	0.0E+00	0.12001	7.4E-03	1.0E-03	9.2E-07	1.6E-01	1.4E-02	2.0E-09
15	0.0018	1.8E-09	1.8E-09	0.0E+00	0.10549	7.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.8E-09
16	0.0904	9.0E-08	9.0E-08	0.0E+00	5.31873	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
17	0.1750	1.7E-07	1.7E-07	0.0E+00	10.29309	7.4E-03	1.0E-03	7.9E-05	1.6E-01	1.4E-02	1.7E-07
18	0.3961	4.0E-07	4.0E-07	0.0E+00	23.29973	7.4E-03	1.0E-03	1.8E-04	1.6E-01	1.4E-02	4.0E-07
19	0.0206	2.1E-08	2.1E-08	0.0E+00	1.21426	7.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.1E-08
20	0.0140	1.4E-08	1.4E-08	0.0E+00	0.82462	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
21	0.0103	1.0E-08	1.0E-08	0.0E+00	0.60814	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
22	0.0078	7.8E-09	7.8E-09	0.0E+00	0.46053	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
23	0.0063	6.3E-09	6.3E-09	0.0E+00	0.37219	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
24	0.0051	5.1E-09	5.1E-09	0.0E+00	0.29851	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
25	0.0041	4.1E-09	4.1E-09	0.0E+00	0.24009	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09
26	0.0033	3.3E-09	3.3E-09	0.0E+00	0.19632	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
27	0.0028	2.8E-09	2.8E-09	0.0E+00	0.16442	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
28	0.0019	1.9E-09	1.9E-09	0.0E+00	0.11385	7.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
29	0.1134	1.1E-07	1.1E-07	0.0E+00	6.66955	7.4E-03	1.0E-03	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	0.2062	2.1E-07	2.1E-07	0.0E+00	12.12883	7.4E-03	1.0E-03	9.3E-05	1.6E-01	1.4E-02	2.1E-07
31	0.5594	5.6E-07	5.6E-07	0.0E+00	32.90584	7.4E-03	1.0E-03	2.5E-04	1.6E-01	1.4E-02	5.6E-07

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31 0.5594	Receptor Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
32	0.3504	3.5E-07	3.5E-07	0.0E+00	20.60922	7.4E-03	1.0E-03	1.6E-04	1.6E-01	1.4E-02	3.5E-07
33	0.0178	1.8E-08	1.8E-08	0.0E+00	1.04579	7.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.8E-08
34	0.0131	1.3E-08	1.3E-08	0.0E+00	0.7717	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
35	0.0099	9.9E-09	9.9E-09	0.0E+00	0.58443	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
36	0.0075	7.5E-09	7.5E-09	0.0E+00	0.44257	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
37	0.0057	5.7E-09	5.7E-09	0.0E+00	0.33809	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
38	0.0045	4.5E-09	4.5E-09	0.0E+00	0.26664	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
39	0.0036	3.6E-09	3.6E-09	0.0E+00	0.21304	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
40	0.0030	3.0E-09	3.0E-09	0.0E+00	0.17882	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
41	0.0026	2.6E-09	2.6E-09	0.0E+00	0.15106	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
42	0.0022	2.2E-09	2.2E-09	0.0E+00	0.12889	7.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.2E-09
43	0.1145	1.1E-07	1.1E-07	0.0E+00	6.73347	7.4E-03	1.0E-03	5.2E-05	1.6E-01	1.4E-02	1.1E-07
44	0.1678	1.7E-07	1.7E-07	0.0E+00	9.86907	7.4E-03	1.0E-03	7.6E-05	1.6E-01	1.4E-02	1.7E-07
45	0.1996	2.0E-07	2.0E-07	0.0E+00	11.74326	7.4E-03	1.0E-03	9.0E-05	1.6E-01	1.4E-02	2.0E-07
46	0.1658	1.7E-07	1.7E-07	0.0E+00	9.75409	7.4E-03	1.0E-03	7.5E-05	1.6E-01	1.4E-02	1.7E-07
47	0.0155	1.5E-08	1.5E-08	0.0E+00	0.90896	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
48	0.0116	1.2E-08	1.2E-08	0.0E+00	0.68168	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
49	0.0087	8.7E-09	8.7E-09	0.0E+00	0.51312	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
50	0.0063	6.3E-09	6.3E-09	0.0E+00	0.36845	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.3E-09
51	0.0051	5.1E-09	5.1E-09	0.0E+00	0.30131	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
52	0.0041	4.1E-09	4.1E-09	0.0E+00	0.24352	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
53	0.0033	3.3E-09	3.3E-09	0.0E+00	0.19318	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
54	0.0028	2.8E-09	2.8E-09	0.0E+00	0.16338	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
55	0.0024	2.4E-09	2.4E-09	0.0E+00	0.14034	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
56	0.0709	7.1E-08	7.1E-08	0.0E+00	4.17293	7.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.1E-08
57	0.0901	9.0E-08	9.0E-08	0.0E+00	5.29757	7.4E-03	1.0E-03	4.1E-05	1.6E-01	1.4E-02	9.0E-08
58	0.0976	9.8E-08	9.8E-08	0.0E+00	5.73909	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.8E-08
59	0.0966	9.7E-08	9.7E-08	0.0E+00	5.67911	7.4E-03	1.0E-03	4.4E-05	1.6E-01	1.4E-02	9.7E-08
60	0.0789	7.9E-08	7.9E-08	0.0E+00	4.64213	7.4E-03	1.0E-03	3.6E-05	1.6E-01	1.4E-02	7.9E-08
61	0.0430	4.3E-08	4.3E-08	0.0E+00	2.52648	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
62	0.0181	1.8E-08	1.8E-08	0.0E+00	1.06309	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5594	Max									
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
63	0.0131	1.3E-08	1.3E-08	0.0E+00	0.77268	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
64	0.0103	1.0E-08	1.0E-08	0.0E+00	0.60845	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
65	0.0076	7.6E-09	7.6E-09	0.0E+00	0.44744	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.6E-09
66	0.0057	5.7E-09	5.7E-09	0.0E+00	0.33524	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
67	0.0048	4.8E-09	4.8E-09	0.0E+00	0.27979	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
68	0.0038	3.8E-09	3.8E-09	0.0E+00	0.2244	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
69	0.0031	3.1E-09	3.1E-09	0.0E+00	0.18169	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
70	0.0026	2.6E-09	2.6E-09	0.0E+00	0.15226	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
71	0.0572	5.7E-08	5.7E-08	0.0E+00	3.36722	7.4E-03	1.0E-03	2.6E-05	1.6E-01	1.4E-02	5.7E-08
72	0.0629	6.3E-08	6.3E-08	0.0E+00	3.69785	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.3E-08
73	0.0623	6.2E-08	6.2E-08	0.0E+00	3.66593	7.4E-03	1.0E-03	2.8E-05	1.6E-01	1.4E-02	6.2E-08
74	0.0549	5.5E-08	5.5E-08	0.0E+00	3.22742	7.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.5E-08
75	0.0459	4.6E-08	4.6E-08	0.0E+00	2.70117	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.6E-08
76	0.0365	3.7E-08	3.7E-08	0.0E+00	2.14729	7.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
77	0.0282	2.8E-08	2.8E-08	0.0E+00	1.6568	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
78	0.0201	2.0E-08	2.0E-08	0.0E+00	1.18131	7.4E-03	1.0E-03	9.1E-06	1.6E-01	1.4E-02	2.0E-08
79	0.0140	1.4E-08	1.4E-08	0.0E+00	0.82556	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
80	0.0111	1.1E-08	1.1E-08	0.0E+00	0.65168	7.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
81	0.0086	8.6E-09	8.6E-09	0.0E+00	0.5057	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
82	0.0066	6.6E-09	6.6E-09	0.0E+00	0.38537	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
83	0.0053	5.3E-09	5.3E-09	0.0E+00	0.31159	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
84	0.0042	4.2E-09	4.2E-09	0.0E+00	0.24987	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
85	0.0035	3.5E-09	3.5E-09	0.0E+00	0.20808	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
86	0.0030	3.0E-09	3.0E-09	0.0E+00	0.17641	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
87	0.0399	4.0E-08	4.0E-08	0.0E+00	2.34477	7.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	4.0E-08
88	0.0430	4.3E-08	4.3E-08	0.0E+00	2.52692	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
89	0.0429	4.3E-08	4.3E-08	0.0E+00	2.52189	7.4E-03	1.0E-03	1.9E-05	1.6E-01	1.4E-02	4.3E-08
90	0.0465	4.7E-08	4.7E-08	0.0E+00	2.73658	7.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.7E-08
91	0.0355	3.5E-08	3.5E-08	0.0E+00	2.08775	7.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
92	0.0299	3.0E-08	3.0E-08	0.0E+00	1.75833	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.0E-08
93	0.0239	2.4E-08	2.4E-08	0.0E+00	1.40869	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	0.5594	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
94	0.0188	1.9E-08	1.9E-08	1.9E-08	0.0E+00	1.10707	7.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.9E-08
95	0.0144	1.4E-08	1.4E-08	1.4E-08	0.0E+00	0.84487	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
96	0.0112	1.1E-08	1.1E-08	1.1E-08	0.0E+00	0.66067	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
97	0.0087	8.7E-09	8.7E-09	8.7E-09	0.0E+00	0.51326	7.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
98	0.0070	7.0E-09	7.0E-09	7.0E-09	0.0E+00	0.40928	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
99	0.0056	5.6E-09	5.6E-09	5.6E-09	0.0E+00	0.3274	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
100	0.0045	4.5E-09	4.5E-09	4.5E-09	0.0E+00	0.26752	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
101	0.0038	3.8E-09	3.8E-09	3.8E-09	0.0E+00	0.22247	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
102	0.0032	3.2E-09	3.2E-09	3.2E-09	0.0E+00	0.1888	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.2E-09
103	0.0314	3.1E-08	3.1E-08	3.1E-08	0.0E+00	1.84597	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
104	0.0318	3.2E-08	3.2E-08	3.2E-08	0.0E+00	1.8707	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.2E-08
105	0.0305	3.1E-08	3.1E-08	3.1E-08	0.0E+00	1.79694	7.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
106	0.0279	2.8E-08	2.8E-08	2.8E-08	0.0E+00	1.64097	7.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
107	0.0246	2.5E-08	2.5E-08	2.5E-08	0.0E+00	1.44868	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.5E-08
108	0.0206	2.1E-08	2.1E-08	2.1E-08	0.0E+00	1.20878	7.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.1E-08
109	0.0167	1.7E-08	1.7E-08	1.7E-08	0.0E+00	0.97938	7.4E-03	1.0E-03	7.5E-06	1.6E-01	1.4E-02	1.7E-08
110	0.0143	1.4E-08	1.4E-08	1.4E-08	0.0E+00	0.84257	7.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
111	0.0126	1.3E-08	1.3E-08	1.3E-08	0.0E+00	0.73882	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
112	0.0098	9.8E-09	9.8E-09	9.8E-09	0.0E+00	0.57415	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.8E-09
113	0.0083	8.3E-09	8.3E-09	8.3E-09	0.0E+00	0.49034	7.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
114	0.0069	6.9E-09	6.9E-09	6.9E-09	0.0E+00	0.40309	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
115	0.0054	5.4E-09	5.4E-09	5.4E-09	0.0E+00	0.31882	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
116	0.0044	4.4E-09	4.4E-09	4.4E-09	0.0E+00	0.25985	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
117	0.0036	3.6E-09	3.6E-09	3.6E-09	0.0E+00	0.20903	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
118	0.0239	2.4E-08	2.4E-08	2.4E-08	0.0E+00	1.40858	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
119	0.0240	2.4E-08	2.4E-08	2.4E-08	0.0E+00	1.41449	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
120	0.0238	2.4E-08	2.4E-08	2.4E-08	0.0E+00	1.39758	7.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
121	0.0224	2.2E-08	2.2E-08	2.2E-08	0.0E+00	1.31485	7.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
122	0.0203	2.0E-08	2.0E-08	2.0E-08	0.0E+00	1.19465	7.4E-03	1.0E-03	9.2E-06	1.6E-01	1.4E-02	2.0E-08
123	0.0180	1.8E-08	1.8E-08	1.8E-08	0.0E+00	1.05909	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
124	0.0158	1.6E-08	1.6E-08	1.6E-08	0.0E+00	0.92686	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

	31 0.5594	Receptor Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
125	0.0136	1.4E-08	1.4E-08	0.0E+00	0.80053	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
126	0.0118	1.2E-08	1.2E-08	0.0E+00	0.69206	7.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
127	0.0100	1.0E-08	1.0E-08	0.0E+00	0.58599	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	1.0E-08
128	0.0085	8.5E-09	8.5E-09	0.0E+00	0.50096	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
129	0.0071	7.1E-09	7.1E-09	0.0E+00	0.41796	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
130	0.0058	5.8E-09	5.8E-09	0.0E+00	0.34239	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
131	0.0046	4.6E-09	4.6E-09	0.0E+00	0.26987	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
132	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23513	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
133	0.0114	1.1E-08	1.1E-08	0.0E+00	0.66897	7.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
134	0.0175	1.8E-08	1.8E-08	0.0E+00	1.03096	7.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.8E-08
135	0.0190	1.9E-08	1.9E-08	0.0E+00	1.11817	7.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
136	0.0181	1.8E-08	1.8E-08	0.0E+00	1.06488	7.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
137	0.0169	1.7E-08	1.7E-08	0.0E+00	0.99354	7.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
138	0.0154	1.5E-08	1.5E-08	0.0E+00	0.904	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
139	0.0138	1.4E-08	1.4E-08	0.0E+00	0.81017	7.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.4E-08
140	0.0122	1.2E-08	1.2E-08	0.0E+00	0.71623	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
141	0.0107	1.1E-08	1.1E-08	0.0E+00	0.63091	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
142	0.0094	9.4E-09	9.4E-09	0.0E+00	0.55201	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.4E-09
143	0.0082	8.2E-09	8.2E-09	0.0E+00	0.48025	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
144	0.0066	6.6E-09	6.6E-09	0.0E+00	0.39044	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
145	0.0057	5.7E-09	5.7E-09	0.0E+00	0.3342	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
146	0.0048	4.8E-09	4.8E-09	0.0E+00	0.28047	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
147	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23555	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
148	0.0087	8.7E-09	8.7E-09	0.0E+00	0.51247	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
149	0.0099	9.9E-09	9.9E-09	0.0E+00	0.58112	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
150	0.0156	1.6E-08	1.6E-08	0.0E+00	0.91933	7.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.6E-08
151	0.0155	1.6E-08	1.6E-08	0.0E+00	0.91288	7.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.6E-08
152	0.0150	1.5E-08	1.5E-08	0.0E+00	0.8836	7.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
153	0.0142	1.4E-08	1.4E-08	0.0E+00	0.83248	7.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
154	0.0132	1.3E-08	1.3E-08	0.0E+00	0.77407	7.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
155	0.0120	1.2E-08	1.2E-08	0.0E+00	0.70704	7.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31	Receptor	Onsite								
	0.5594	Max									
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
156	0.0109	1.1E-08	1.1E-08	0.0E+00	0.63958	7.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
157	0.0097	9.7E-09	9.7E-09	0.0E+00	0.57261	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
158	0.0086	8.6E-09	8.6E-09	0.0E+00	0.507	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
159	0.0077	7.7E-09	7.7E-09	0.0E+00	0.45141	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
160	0.0064	6.4E-09	6.4E-09	0.0E+00	0.37505	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.4E-09
161	0.0053	5.3E-09	5.3E-09	0.0E+00	0.3109	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
162	0.0046	4.6E-09	4.6E-09	0.0E+00	0.26948	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
163	0.0039	3.9E-09	3.9E-09	0.0E+00	0.2321	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
164	0.0076	7.6E-09	7.6E-09	0.0E+00	0.44979	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
165	0.0086	8.6E-09	8.6E-09	0.0E+00	0.50535	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
166	0.0095	9.5E-09	9.5E-09	0.0E+00	0.55605	7.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.5E-09
167	0.0130	1.3E-08	1.3E-08	0.0E+00	0.76605	7.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
168	0.0126	1.3E-08	1.3E-08	0.0E+00	0.74212	7.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.3E-08
169	0.0121	1.2E-08	1.2E-08	0.0E+00	0.71011	7.4E-03	1.0E-03	5.5E-06	1.6E-01	1.4E-02	1.2E-08
170	0.0113	1.1E-08	1.1E-08	0.0E+00	0.66746	7.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
171	0.0105	1.1E-08	1.1E-08	0.0E+00	0.61914	7.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.1E-08
172	0.0097	9.7E-09	9.7E-09	0.0E+00	0.56804	7.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.7E-09
173	0.0087	8.7E-09	8.7E-09	0.0E+00	0.51041	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.7E-09
174	0.0077	7.7E-09	7.7E-09	0.0E+00	0.45215	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
175	0.0066	6.6E-09	6.6E-09	0.0E+00	0.39007	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
176	0.0060	6.0E-09	6.0E-09	0.0E+00	0.35392	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
177	0.0054	5.4E-09	5.4E-09	0.0E+00	0.3175	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.4E-09
178	0.0050	5.0E-09	5.0E-09	0.0E+00	0.29458	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
179	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23316	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
180	0.0057	5.7E-09	5.7E-09	0.0E+00	0.33274	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
181	0.0068	6.8E-09	6.8E-09	0.0E+00	0.39975	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.8E-09
182	0.0075	7.5E-09	7.5E-09	0.0E+00	0.43864	7.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.5E-09
183	0.0083	8.3E-09	8.3E-09	0.0E+00	0.48536	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.3E-09
184	0.0104	1.0E-08	1.0E-08	0.0E+00	0.61014	7.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
185	0.0099	9.9E-09	9.9E-09	0.0E+00	0.57943	7.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.9E-09
186	0.0093	9.3E-09	9.3E-09	0.0E+00	0.54464	7.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.3E-09

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31	Receptor	Onsite									
	0.5594	Max	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED
187	0.0086	8.6E-09	8.6E-09	8.6E-09	0.0E+00	0.50549	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
188	0.0078	7.8E-09	7.8E-09	7.8E-09	0.0E+00	0.46029	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.8E-09
189	0.0072	7.2E-09	7.2E-09	7.2E-09	0.0E+00	0.4249	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
190	0.0061	6.1E-09	6.1E-09	6.1E-09	0.0E+00	0.36106	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
191	0.0057	5.7E-09	5.7E-09	5.7E-09	0.0E+00	0.33374	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.7E-09
192	0.0050	5.0E-09	5.0E-09	5.0E-09	0.0E+00	0.29459	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
193	0.0046	4.6E-09	4.6E-09	4.6E-09	0.0E+00	0.26791	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
194	0.0040	4.0E-09	4.0E-09	4.0E-09	0.0E+00	0.23596	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
195	0.0054	5.4E-09	5.4E-09	5.4E-09	0.0E+00	0.31822	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
196	0.0060	6.0E-09	6.0E-09	6.0E-09	0.0E+00	0.35442	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
197	0.0066	6.6E-09	6.6E-09	6.6E-09	0.0E+00	0.38757	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
198	0.0086	8.6E-09	8.6E-09	8.6E-09	0.0E+00	0.50574	7.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.6E-09
199	0.0082	8.2E-09	8.2E-09	8.2E-09	0.0E+00	0.4809	7.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	8.2E-09
200	0.0077	7.7E-09	7.7E-09	7.7E-09	0.0E+00	0.45273	7.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.7E-09
201	0.0071	7.1E-09	7.1E-09	7.1E-09	0.0E+00	0.41569	7.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.1E-09
202	0.0066	6.6E-09	6.6E-09	6.6E-09	0.0E+00	0.3874	7.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
203	0.0061	6.1E-09	6.1E-09	6.1E-09	0.0E+00	0.35931	7.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
204	0.0053	5.3E-09	5.3E-09	5.3E-09	0.0E+00	0.31258	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
205	0.0050	5.0E-09	5.0E-09	5.0E-09	0.0E+00	0.29326	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
206	0.0043	4.3E-09	4.3E-09	4.3E-09	0.0E+00	0.25011	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
207	0.0039	3.9E-09	3.9E-09	3.9E-09	0.0E+00	0.22979	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
208	0.0049	4.9E-09	4.9E-09	4.9E-09	0.0E+00	0.28553	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09
209	0.0053	5.3E-09	5.3E-09	5.3E-09	0.0E+00	0.31317	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.3E-09
210	0.0058	5.8E-09	5.8E-09	5.8E-09	0.0E+00	0.34113	7.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.8E-09
211	0.0072	7.2E-09	7.2E-09	7.2E-09	0.0E+00	0.4254	7.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
212	0.0069	6.9E-09	6.9E-09	6.9E-09	0.0E+00	0.40593	7.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.9E-09
213	0.0065	6.5E-09	6.5E-09	6.5E-09	0.0E+00	0.38055	7.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.5E-09
214	0.0060	6.0E-09	6.0E-09	6.0E-09	0.0E+00	0.35286	7.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	6.0E-09
215	0.0056	5.6E-09	5.6E-09	5.6E-09	0.0E+00	0.33042	7.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.6E-09
216	0.0052	5.2E-09	5.2E-09	5.2E-09	0.0E+00	0.30696	7.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.2E-09
217	0.0049	4.9E-09	4.9E-09	4.9E-09	0.0E+00	0.28558	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.9E-09

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	31	Receptor									
	0.5594	Max	Onsite								
	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
218	0.0043	4.3E-09	4.3E-09	0.0E+00	0.25289	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.3E-09
219	0.0037	3.7E-09	3.7E-09	0.0E+00	0.21705	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
220	0.0044	4.4E-09	4.4E-09	0.0E+00	0.25867	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
221	0.0048	4.8E-09	4.8E-09	0.0E+00	0.28227	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
222	0.0051	5.1E-09	5.1E-09	0.0E+00	0.30285	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
223	0.0048	4.8E-09	4.8E-09	0.0E+00	0.28404	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
224	0.0045	4.5E-09	4.5E-09	0.0E+00	0.26716	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
225	0.0042	4.2E-09	4.2E-09	0.0E+00	0.24945	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
226	0.0039	3.9E-09	3.9E-09	0.0E+00	0.23062	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
227	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23682	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
228	0.0036	3.6E-09	3.6E-09	0.0E+00	0.21189	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
229	0.0038	3.8E-09	3.8E-09	0.0E+00	0.22467	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
230	0.0051	5.1E-09	5.1E-09	0.0E+00	0.29824	7.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.1E-09
231	0.0048	4.8E-09	4.8E-09	0.0E+00	0.28228	7.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
232	0.0042	4.2E-09	4.2E-09	0.0E+00	0.24885	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
233	0.0040	4.0E-09	4.0E-09	0.0E+00	0.2325	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
234	0.0037	3.7E-09	3.7E-09	0.0E+00	0.21656	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
235	0.0031	3.1E-09	3.1E-09	0.0E+00	0.18168	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.1E-09
236	0.0033	3.3E-09	3.3E-09	0.0E+00	0.19303	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
237	0.0034	3.4E-09	3.4E-09	0.0E+00	0.20257	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
238	0.0047	4.7E-09	4.7E-09	0.0E+00	0.27372	7.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.7E-09
239	0.0044	4.4E-09	4.4E-09	0.0E+00	0.2593	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
240	0.0042	4.2E-09	4.2E-09	0.0E+00	0.24647	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
241	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23355	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
242	0.0035	3.5E-09	3.5E-09	0.0E+00	0.2058	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
243	0.0026	2.6E-09	2.6E-09	0.0E+00	0.15502	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
244	0.0028	2.8E-09	2.8E-09	0.0E+00	0.1672	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
245	0.0030	3.0E-09	3.0E-09	0.0E+00	0.17664	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
246	0.0045	4.5E-09	4.5E-09	0.0E+00	0.26338	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.5E-09
247	0.0043	4.3E-09	4.3E-09	0.0E+00	0.25334	7.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
248	0.0041	4.1E-09	4.1E-09	0.0E+00	0.23996	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.1E-09

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

	31	Receptor									
	0.5594	Max	Onsite								
Receptor #	Total/ Million	Total	Onsite	Haul	Conc	g/sec	D1	Dose	R1	ED	Risk
249	0.0039	3.9E-09	3.9E-09	0.0E+00	0.2292	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
250	0.0037	3.7E-09	3.7E-09	0.0E+00	0.2182	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
251	0.0035	3.5E-09	3.5E-09	0.0E+00	0.20539	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
252	0.0033	3.3E-09	3.3E-09	0.0E+00	0.19431	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
253	0.0023	2.3E-09	2.3E-09	0.0E+00	0.1334	7.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.3E-09
254	0.0024	2.4E-09	2.4E-09	0.0E+00	0.14177	7.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
255	0.0026	2.6E-09	2.6E-09	0.0E+00	0.15265	7.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
256	0.0028	2.8E-09	2.8E-09	0.0E+00	0.16376	7.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
257	0.0041	4.1E-09	4.1E-09	0.0E+00	0.24198	7.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
258	0.0040	4.0E-09	4.0E-09	0.0E+00	0.23332	7.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
259	0.0038	3.8E-09	3.8E-09	0.0E+00	0.22451	7.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.8E-09
260	0.0036	3.6E-09	3.6E-09	0.0E+00	0.21336	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.6E-09
261	0.0035	3.5E-09	3.5E-09	0.0E+00	0.20404	7.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
262	0.0033	3.3E-09	3.3E-09	0.0E+00	0.19449	7.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
263	0.0032	3.2E-09	3.2E-09	0.0E+00	0.18577	7.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.2E-09
0	0.0000	0.0E+00	0.0E+00	0.0E+00	0	7.4E-03	1.0E-03	0.0E+00	1.6E-01	1.4E-02	0.0E+00

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
1	1.6E-02	5	2.6E-03
2	2.6E-02	5	4.3E-03
3	5.2E-02	5	8.6E-03
4	2.6E-02	5	4.3E-03
5	5.1E-02	5	8.5E-03
6	1.4E-01	5	2.4E-02
7	7.0E-03	5	1.2E-03
8	4.9E-03	5	8.1E-04
9	3.6E-03	5	6.1E-04
10	2.9E-03	5	4.9E-04
11	1.9E-03	5	3.1E-04
12	1.6E-03	5	2.7E-04
13	1.3E-03	5	2.2E-04
14	8.8E-04	5	1.5E-04
15	7.8E-04	5	1.3E-04
16	3.9E-02	5	6.5E-03
17	7.6E-02	5	1.3E-02
18	1.7E-01	5	2.9E-02
19	8.9E-03	5	1.5E-03
20	6.1E-03	5	1.0E-03
21	4.5E-03	5	7.5E-04
22	3.4E-03	5	5.7E-04
23	2.7E-03	5	4.6E-04
24	2.2E-03	5	3.7E-04
25	1.8E-03	5	2.9E-04
26	1.4E-03	5	2.4E-04
27	1.2E-03	5	2.0E-04
28	8.4E-04	5	1.4E-04
29	4.9E-02	5	8.2E-03
30	8.9E-02	5	1.5E-02
31	2.4E-01	5	4.0E-02

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
32	1.5E-01	5	2.5E-02
33	7.7E-03	5	1.3E-03
34	5.7E-03	5	9.5E-04
35	4.3E-03	5	7.2E-04
36	3.3E-03	5	5.4E-04
37	2.5E-03	5	4.2E-04
38	2.0E-03	5	3.3E-04
39	1.6E-03	5	2.6E-04
40	1.3E-03	5	2.2E-04
41	1.1E-03	5	1.9E-04
42	9.5E-04	5	1.6E-04
43	5.0E-02	5	8.3E-03
44	7.3E-02	5	1.2E-02
45	8.7E-02	5	1.4E-02
46	7.2E-02	5	1.2E-02
47	6.7E-03	5	1.1E-03
48	5.0E-03	5	8.4E-04
49	3.8E-03	5	6.3E-04
50	2.7E-03	5	4.5E-04
51	2.2E-03	5	3.7E-04
52	1.8E-03	5	3.0E-04
53	1.4E-03	5	2.4E-04
54	1.2E-03	5	2.0E-04
55	1.0E-03	5	1.7E-04
56	3.1E-02	5	5.1E-03
57	3.9E-02	5	6.5E-03
58	4.2E-02	5	7.0E-03
59	4.2E-02	5	7.0E-03
60	3.4E-02	5	5.7E-03
61	1.9E-02	5	3.1E-03
62	7.8E-03	5	1.3E-03

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
63	5.7E-03	5	9.5E-04
64	4.5E-03	5	7.5E-04
65	3.3E-03	5	5.5E-04
66	2.5E-03	5	4.1E-04
67	2.1E-03	5	3.4E-04
68	1.7E-03	5	2.8E-04
69	1.3E-03	5	2.2E-04
70	1.1E-03	5	1.9E-04
71	2.5E-02	5	4.1E-03
72	2.7E-02	5	4.5E-03
73	2.7E-02	5	4.5E-03
74	2.4E-02	5	4.0E-03
75	2.0E-02	5	3.3E-03
76	1.6E-02	5	2.6E-03
77	1.2E-02	5	2.0E-03
78	8.7E-03	5	1.5E-03
79	6.1E-03	5	1.0E-03
80	4.8E-03	5	8.0E-04
81	3.7E-03	5	6.2E-04
82	2.8E-03	5	4.7E-04
83	2.3E-03	5	3.8E-04
84	1.8E-03	5	3.1E-04
85	1.5E-03	5	2.6E-04
86	1.3E-03	5	2.2E-04
87	1.7E-02	5	2.9E-03
88	1.9E-02	5	3.1E-03
89	1.9E-02	5	3.1E-03
90	2.0E-02	5	3.4E-03
91	1.5E-02	5	2.6E-03
92	1.3E-02	5	2.2E-03
93	1.0E-02	5	1.7E-03

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
94	8.2E-03	5	1.4E-03
95	6.2E-03	5	1.0E-03
96	4.9E-03	5	8.1E-04
97	3.8E-03	5	6.3E-04
98	3.0E-03	5	5.0E-04
99	2.4E-03	5	4.0E-04
100	2.0E-03	5	3.3E-04
101	1.6E-03	5	2.7E-04
102	1.4E-03	5	2.3E-04
103	1.4E-02	5	2.3E-03
104	1.4E-02	5	2.3E-03
105	1.3E-02	5	2.2E-03
106	1.2E-02	5	2.0E-03
107	1.1E-02	5	1.8E-03
108	8.9E-03	5	1.5E-03
109	7.2E-03	5	1.2E-03
110	6.2E-03	5	1.0E-03
111	5.4E-03	5	9.1E-04
112	4.2E-03	5	7.1E-04
113	3.6E-03	5	6.0E-04
114	3.0E-03	5	5.0E-04
115	2.3E-03	5	3.9E-04
116	1.9E-03	5	3.2E-04
117	1.5E-03	5	2.6E-04
118	1.0E-02	5	1.7E-03
119	1.0E-02	5	1.7E-03
120	1.0E-02	5	1.7E-03
121	9.7E-03	5	1.6E-03
122	8.8E-03	5	1.5E-03
123	7.8E-03	5	1.3E-03
124	6.8E-03	5	1.1E-03

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
125	5.9E-03	5	9.8E-04
126	5.1E-03	5	8.5E-04
127	4.3E-03	5	7.2E-04
128	3.7E-03	5	6.2E-04
129	3.1E-03	5	5.1E-04
130	2.5E-03	5	4.2E-04
131	2.0E-03	5	3.3E-04
132	1.7E-03	5	2.9E-04
133	4.9E-03	5	8.2E-04
134	7.6E-03	5	1.3E-03
135	8.2E-03	5	1.4E-03
136	7.8E-03	5	1.3E-03
137	7.3E-03	5	1.2E-03
138	6.7E-03	5	1.1E-03
139	6.0E-03	5	1.0E-03
140	5.3E-03	5	8.8E-04
141	4.6E-03	5	7.7E-04
142	4.1E-03	5	6.8E-04
143	3.5E-03	5	5.9E-04
144	2.9E-03	5	4.8E-04
145	2.5E-03	5	4.1E-04
146	2.1E-03	5	3.4E-04
147	1.7E-03	5	2.9E-04
148	3.8E-03	5	6.3E-04
149	4.3E-03	5	7.1E-04
150	6.8E-03	5	1.1E-03
151	6.7E-03	5	1.1E-03
152	6.5E-03	5	1.1E-03
153	6.1E-03	5	1.0E-03
154	5.7E-03	5	9.5E-04
155	5.2E-03	5	8.7E-04

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

		HI		
Receptor #				
156		4.7E-03	5	7.9E-04
157		4.2E-03	5	7.0E-04
158		3.7E-03	5	6.2E-04
159		3.3E-03	5	5.5E-04
160		2.8E-03	5	4.6E-04
161		2.3E-03	5	3.8E-04
162		2.0E-03	5	3.3E-04
163		1.7E-03	5	2.9E-04
164		3.3E-03	5	5.5E-04
165		3.7E-03	5	6.2E-04
166		4.1E-03	5	6.8E-04
167		5.6E-03	5	9.4E-04
168		5.5E-03	5	9.1E-04
169		5.2E-03	5	8.7E-04
170		4.9E-03	5	8.2E-04
171		4.6E-03	5	7.6E-04
172		4.2E-03	5	7.0E-04
173		3.8E-03	5	6.3E-04
174		3.3E-03	5	5.6E-04
175		2.9E-03	5	4.8E-04
176		2.6E-03	5	4.3E-04
177		2.3E-03	5	3.9E-04
178		2.2E-03	5	3.6E-04
179		1.7E-03	5	2.9E-04
180		2.5E-03	5	4.1E-04
181		2.9E-03	5	4.9E-04
182		3.2E-03	5	5.4E-04
183		3.6E-03	5	6.0E-04
184		4.5E-03	5	7.5E-04
185		4.3E-03	5	7.1E-04
186		4.0E-03	5	6.7E-04

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

		HI		
Receptor #				
187		3.7E-03	5	6.2E-04
188		3.4E-03	5	5.7E-04
189		3.1E-03	5	5.2E-04
190		2.7E-03	5	4.4E-04
191		2.5E-03	5	4.1E-04
192		2.2E-03	5	3.6E-04
193		2.0E-03	5	3.3E-04
194		1.7E-03	5	2.9E-04
195		2.3E-03	5	3.9E-04
196		2.6E-03	5	4.4E-04
197		2.9E-03	5	4.8E-04
198		3.7E-03	5	6.2E-04
199		3.5E-03	5	5.9E-04
200		3.3E-03	5	5.6E-04
201		3.1E-03	5	5.1E-04
202		2.9E-03	5	4.8E-04
203		2.6E-03	5	4.4E-04
204		2.3E-03	5	3.8E-04
205		2.2E-03	5	3.6E-04
206		1.8E-03	5	3.1E-04
207		1.7E-03	5	2.8E-04
208		2.1E-03	5	3.5E-04
209		2.3E-03	5	3.8E-04
210		2.5E-03	5	4.2E-04
211		3.1E-03	5	5.2E-04
212		3.0E-03	5	5.0E-04
213		2.8E-03	5	4.7E-04
214		2.6E-03	5	4.3E-04
215		2.4E-03	5	4.1E-04
216		2.3E-03	5	3.8E-04
217		2.1E-03	5	3.5E-04

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

Receptor #	HI		
218	1.9E-03	5	3.1E-04
219	1.6E-03	5	2.7E-04
220	1.9E-03	5	3.2E-04
221	2.1E-03	5	3.5E-04
222	2.2E-03	5	3.7E-04
223	2.1E-03	5	3.5E-04
224	2.0E-03	5	3.3E-04
225	1.8E-03	5	3.1E-04
226	1.7E-03	5	2.8E-04
227	1.7E-03	5	2.9E-04
228	1.6E-03	5	2.6E-04
229	1.7E-03	5	2.8E-04
230	2.2E-03	5	3.7E-04
231	2.1E-03	5	3.5E-04
232	1.8E-03	5	3.1E-04
233	1.7E-03	5	2.9E-04
234	1.6E-03	5	2.7E-04
235	1.3E-03	5	2.2E-04
236	1.4E-03	5	2.4E-04
237	1.5E-03	5	2.5E-04
238	2.0E-03	5	3.4E-04
239	1.9E-03	5	3.2E-04
240	1.8E-03	5	3.0E-04
241	1.7E-03	5	2.9E-04
242	1.5E-03	5	2.5E-04
243	1.1E-03	5	1.9E-04
244	1.2E-03	5	2.1E-04
245	1.3E-03	5	2.2E-04
246	1.9E-03	5	3.2E-04
247	1.9E-03	5	3.1E-04
248	1.8E-03	5	2.9E-04

Diamond Bar - Crooked Creek
Risk From Architectural Coating - Unmitigated Residential

		HI		
Receptor #				
249		1.7E-03	5	2.8E-04
250		1.6E-03	5	2.7E-04
251		1.5E-03	5	2.5E-04
252		1.4E-03	5	2.4E-04
253		9.8E-04	5	1.6E-04
254		1.0E-03	5	1.7E-04
255		1.1E-03	5	1.9E-04
256		1.2E-03	5	2.0E-04
257		1.8E-03	5	3.0E-04
258		1.7E-03	5	2.9E-04
259		1.7E-03	5	2.8E-04
260		1.6E-03	5	2.6E-04
261		1.5E-03	5	2.5E-04
262		1.4E-03	5	2.4E-04
263		1.4E-03	5	2.3E-04
0		0.0E+00	5	0.0E+00

6. Health Risk Assessment
c. AERMOD Output

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.3
** Lakes Environmental Software Inc.
** Date: 11/7/2020
** File: C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc
MODELOPT DEFAULT CONC
AVERTIME ANNUAL
URBANOPT 9818605 Los_Angeles_County_-_from_SCAQMD_Website
POLLUTID PM 10
RUNORNOT RUN
ERRORFIL "Crooked Creek.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = CON1
** DESCRSRC Full Area Work - Everything but roadway
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 12
** 421480.550, 3758258.445, 207.37, 3.66, 5.67
** 421444.454, 3758200.434, 221.86, 3.66, 5.67
** 421385.154, 3758205.591, 210.19, 3.66, 5.67
** 421337.456, 3758134.689, 204.56, 3.66, 5.67
** 421260.108, 3758134.689, 196.05, 3.66, 5.67
** 421328.432, 3758175.941, 199.50, 3.66, 5.67
** 421381.287, 3758270.048, 199.41, 3.66, 5.67
** 421448.322, 3758239.108, 209.95, 3.66, 5.67
** 421436.719, 3758217.193, 216.36, 3.66, 5.67
** 421378.708, 3758240.398, 199.43, 3.66, 5.67
** 421328.432, 3758151.447, 201.52, 3.66, 5.67
** 421296.204, 3758145.002, 198.68, 3.66, 5.67
** -----
LOCATION L0000001 VOLUME 421478.940 3758255.857 206.74
LOCATION L0000002 VOLUME 421472.499 3758245.506 207.30
LOCATION L0000003 VOLUME 421466.058 3758235.154 208.30
LOCATION L0000004 VOLUME 421459.616 3758224.802 211.91
LOCATION L0000005 VOLUME 421453.175 3758214.451 216.84
LOCATION L0000006 VOLUME 421446.734 3758204.099 220.87
LOCATION L0000007 VOLUME 421436.608 3758201.117 221.20
LOCATION L0000008 VOLUME 421424.462 3758202.173 219.17
LOCATION L0000009 VOLUME 421412.316 3758203.229 216.80
LOCATION L0000010 VOLUME 421400.169 3758204.285 213.78
LOCATION L0000011 VOLUME 421388.023 3758205.341 210.74
LOCATION L0000012 VOLUME 421379.956 3758197.865 211.09
LOCATION L0000013 VOLUME 421373.151 3758187.749 213.64
LOCATION L0000014 VOLUME 421366.346 3758177.633 215.15
LOCATION L0000015 VOLUME 421359.540 3758167.517 213.21
LOCATION L0000016 VOLUME 421352.735 3758157.401 209.20
LOCATION L0000017 VOLUME 421345.930 3758147.285 205.83
LOCATION L0000018 VOLUME 421339.125 3758137.169 204.83
LOCATION L0000019 VOLUME 421328.253 3758134.689 203.03
LOCATION L0000020 VOLUME 421316.061 3758134.689 201.07
LOCATION L0000021 VOLUME 421303.869 3758134.689 199.76
LOCATION L0000022 VOLUME 421291.677 3758134.689 199.25
LOCATION L0000023 VOLUME 421279.485 3758134.689 198.10
LOCATION L0000024 VOLUME 421267.293 3758134.689 197.23
LOCATION L0000025 VOLUME 421264.394 3758137.276 196.63
LOCATION L0000026 VOLUME 421274.831 3758143.578 197.44
LOCATION L0000027 VOLUME 421285.268 3758149.880 197.67
LOCATION L0000028 VOLUME 421295.706 3758156.181 198.05
LOCATION L0000029 VOLUME 421306.143 3758162.483 198.83
LOCATION L0000030 VOLUME 421316.580 3758168.785 199.35
LOCATION L0000031 VOLUME 421327.017 3758175.086 199.49
LOCATION L0000032 VOLUME 421333.593 3758185.130 200.52
LOCATION L0000033 VOLUME 421339.563 3758195.760 200.31
LOCATION L0000034 VOLUME 421345.534 3758206.390 199.09
LOCATION L0000035 VOLUME 421351.504 3758217.020 198.42
LOCATION L0000036 VOLUME 421357.474 3758227.650 198.65
LOCATION L0000037 VOLUME 421363.445 3758238.280 198.94
LOCATION L0000038 VOLUME 421369.415 3758248.910 198.82

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LOCATION L0000039	VOLUME	421375.385	3758259.541	198.73
LOCATION L0000040	VOLUME	421381.415	3758269.988	199.04
LOCATION L0000041	VOLUME	421392.485	3758264.879	199.96
LOCATION L0000042	VOLUME	421403.554	3758259.770	201.74
LOCATION L0000043	VOLUME	421414.624	3758254.661	204.74
LOCATION L0000044	VOLUME	421425.694	3758249.552	207.12
LOCATION L0000045	VOLUME	421436.764	3758244.443	208.04
LOCATION L0000046	VOLUME	421447.834	3758239.333	208.61
LOCATION L0000047	VOLUME	421442.868	3758228.808	212.73
LOCATION L0000048	VOLUME	421437.164	3758218.033	215.75
LOCATION L0000049	VOLUME	421426.282	3758221.368	214.43
LOCATION L0000050	VOLUME	421414.962	3758225.896	212.49
LOCATION L0000051	VOLUME	421403.642	3758230.424	209.20
LOCATION L0000052	VOLUME	421392.322	3758234.952	204.59
LOCATION L0000053	VOLUME	421381.002	3758239.480	200.13
LOCATION L0000054	VOLUME	421373.924	3758231.934	200.11
LOCATION L0000055	VOLUME	421367.925	3758221.320	200.84
LOCATION L0000056	VOLUME	421361.926	3758210.706	202.02
LOCATION L0000057	VOLUME	421355.927	3758200.092	203.81
LOCATION L0000058	VOLUME	421349.928	3758189.478	205.97
LOCATION L0000059	VOLUME	421343.929	3758178.864	204.99
LOCATION L0000060	VOLUME	421337.930	3758168.250	202.62
LOCATION L0000061	VOLUME	421331.930	3758157.637	201.77
LOCATION L0000062	VOLUME	421323.448	3758150.451	201.19
LOCATION L0000063	VOLUME	421311.493	3758148.059	199.80
LOCATION L0000064	VOLUME	421299.538	3758145.668	199.19
** End of LINE VOLUME Source ID = CON1				
** -----				
** Line Source Represented by Separated Volume Sources (2W)				
** LINE VOLUME Source ID = CON2				
** DESCRSRC Roadway				
** PREFIX				
** Length of Side = 6.10				
** Configuration = Separated 2W				
** Emission Rate = 3.66				
** Vertical Dimension = 7.32				
** SZINIT = 3.40				
** Nodes = 6				
** 421410.937, 3758271.337, 202.25, 3.66, 5.67				
** 421410.937, 3758262.313, 202.53, 3.66, 5.67				
** 421368.395, 3758184.965, 212.78, 3.66, 5.67				
** 421341.323, 3758168.206, 204.53, 3.66, 5.67				
** 421324.565, 3758148.869, 201.92, 3.66, 5.67				
** 421333.589, 3758133.399, 204.22, 3.66, 5.67				
** -----				
LOCATION L0000065	VOLUME	421410.937	3758268.289	201.89
LOCATION L0000066	VOLUME	421407.941	3758256.866	202.89
LOCATION L0000067	VOLUME	421402.065	3758246.183	205.08
LOCATION L0000068	VOLUME	421396.190	3758235.501	205.79
LOCATION L0000069	VOLUME	421390.314	3758224.818	206.23
LOCATION L0000070	VOLUME	421384.439	3758214.135	207.27
LOCATION L0000071	VOLUME	421378.563	3758203.452	208.70
LOCATION L0000072	VOLUME	421372.688	3758192.769	211.24
LOCATION L0000073	VOLUME	421365.602	3758183.236	213.19
LOCATION L0000074	VOLUME	421355.236	3758176.818	210.47
LOCATION L0000075	VOLUME	421344.869	3758170.401	205.60
LOCATION L0000076	VOLUME	421336.070	3758162.144	202.11
LOCATION L0000077	VOLUME	421328.085	3758152.931	201.68
LOCATION L0000078	VOLUME	421328.000	3758142.981	202.42
** End of LINE VOLUME Source ID = CON2				
** -----				
** Line Source Represented by Separated Volume Sources (2W)				
** LINE VOLUME Source ID = HAUL1				
** DESCRSRC Site to Brea Canyon Rd				
** PREFIX				
** Length of Side = 9.14				
** Configuration = Separated 2W				
** Emission Rate = 1.0				
** Vertical Dimension = 7.32				
** SZINIT = 3.40				
** Nodes = 7				
** 421413.308, 3758268.912, 202.05, 3.66, 8.51				
** 421471.103, 3758365.807, 202.02, 3.66, 8.51				
** 421529.984, 3758471.156, 201.32, 3.66, 8.51				
** 421435.417, 3758522.126, 200.79, 3.66, 8.51				
** 421475.912, 3758594.156, 202.34, 3.66, 8.51				
** 421492.591, 3758622.161, 202.76, 3.66, 8.51				
** 421438.986, 3758653.076, 204.69, 3.66, 8.51				
** -----				
LOCATION L0000291	VOLUME	421415.650	3758272.839	202.42
LOCATION L0000292	VOLUME	421425.019	3758288.545	202.34
LOCATION L0000293	VOLUME	421434.387	3758304.251	202.28
LOCATION L0000294	VOLUME	421443.755	3758319.958	202.18
LOCATION L0000295	VOLUME	421453.123	3758335.664	202.13
LOCATION L0000296	VOLUME	421462.492	3758351.370	202.06
LOCATION L0000297	VOLUME	421471.824	3758367.097	202.01
LOCATION L0000298	VOLUME	421480.746	3758383.061	201.87
LOCATION L0000299	VOLUME	421489.669	3758399.025	201.80
LOCATION L0000300	VOLUME	421498.591	3758414.989	201.65
LOCATION L0000301	VOLUME	421507.513	3758430.952	201.59
LOCATION L0000302	VOLUME	421516.436	3758446.916	201.46
LOCATION L0000303	VOLUME	421525.358	3758462.880	201.34
LOCATION L0000304	VOLUME	421522.231	3758475.335	201.30
LOCATION L0000305	VOLUME	421506.133	3758484.011	201.34
LOCATION L0000306	VOLUME	421490.034	3758492.688	201.18
LOCATION L0000307	VOLUME	421473.935	3758501.365	200.41
LOCATION L0000308	VOLUME	421457.837	3758510.042	200.99
LOCATION L0000309	VOLUME	421441.738	3758518.719	200.83

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LOCATION L0000310      VOLUME  421440.860 3758531.808 200.92
LOCATION L0000311      VOLUME  421449.822 3758547.749 201.12
LOCATION L0000312      VOLUME  421458.784 3758563.691 201.50
LOCATION L0000313      VOLUME  421467.747 3758579.632 201.91
LOCATION L0000314      VOLUME  421476.744 3758595.553 202.35
LOCATION L0000315      VOLUME  421486.102 3758611.266 202.58
LOCATION L0000316      VOLUME  421487.734 3758624.962 202.75
LOCATION L0000317      VOLUME  421471.892 3758634.098 203.40
LOCATION L0000318      VOLUME  421456.049 3758643.235 204.05
LOCATION L0000319      VOLUME  421440.207 3758652.371 204.45
** End of LINE VOLUME Source ID = HAUL1
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL2A
** DESCRSRC Brea Canyon from Silver Bullet Drive to 57 Freeway
** PREFIX
** Length of Side = 15.24
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 10
** 421438.986, 3758654.860, 204.64, 3.66, 14.18
** 421390.810, 3758570.999, 204.59, 3.66, 14.18
** 421314.086, 3758424.688, 202.27, 3.66, 14.18
** 421232.009, 3758289.083, 200.40, 3.66, 14.18
** 421133.874, 3758167.752, 198.02, 3.66, 14.18
** 421067.856, 3758105.302, 196.33, 3.66, 14.18
** 420917.977, 3758001.814, 194.94, 3.66, 14.18
** 420752.039, 3757892.973, 192.32, 3.66, 14.18
** 420573.611, 3757810.897, 191.60, 3.66, 14.18
** 420504.024, 3757784.132, 191.45, 3.66, 14.18
** -----
LOCATION L0000108      VOLUME  421435.190 3758648.252 204.43
LOCATION L0000109      VOLUME  421420.007 3758621.823 204.34
LOCATION L0000110      VOLUME  421404.824 3758595.394 204.25
LOCATION L0000111      VOLUME  421389.720 3758568.921 204.03
LOCATION L0000112      VOLUME  421375.565 3758541.927 203.80
LOCATION L0000113      VOLUME  421361.410 3758514.934 203.45
LOCATION L0000114      VOLUME  421347.255 3758487.940 203.13
LOCATION L0000115      VOLUME  421333.100 3758460.946 202.80
LOCATION L0000116      VOLUME  421318.944 3758433.952 202.51
LOCATION L0000117      VOLUME  421303.720 3758407.562 202.09
LOCATION L0000118      VOLUME  421287.938 3758381.486 201.76
LOCATION L0000119      VOLUME  421272.155 3758355.410 201.38
LOCATION L0000120      VOLUME  421256.372 3758329.335 200.99
LOCATION L0000121      VOLUME  421240.590 3758303.259 200.64
LOCATION L0000122      VOLUME  421223.262 3758278.268 200.13
LOCATION L0000123      VOLUME  421204.094 3758254.570 199.67
LOCATION L0000124      VOLUME  421184.926 3758230.871 199.26
LOCATION L0000125      VOLUME  421165.758 3758207.173 198.65
LOCATION L0000126      VOLUME  421146.590 3758183.474 198.14
LOCATION L0000127      VOLUME  421126.421 3758160.702 197.69
LOCATION L0000128      VOLUME  421104.279 3758139.756 197.08
LOCATION L0000129      VOLUME  421082.136 3758118.810 196.66
LOCATION L0000130      VOLUME  421058.949 3758099.153 196.33
LOCATION L0000131      VOLUME  421033.867 3758081.834 196.01
LOCATION L0000132      VOLUME  421008.786 3758064.516 195.77
LOCATION L0000133      VOLUME  420983.704 3758047.197 195.61
LOCATION L0000134      VOLUME  420958.622 3758029.879 195.35
LOCATION L0000135      VOLUME  420933.540 3758012.560 195.11
LOCATION L0000136      VOLUME  420908.304 3757995.470 194.90
LOCATION L0000137      VOLUME  420882.818 3757978.753 194.61
LOCATION L0000138      VOLUME  420857.331 3757962.036 194.17
LOCATION L0000139      VOLUME  420831.844 3757945.319 193.79
LOCATION L0000140      VOLUME  420806.358 3757928.602 193.19
LOCATION L0000141      VOLUME  420780.871 3757911.885 192.77
LOCATION L0000142      VOLUME  420755.384 3757895.168 192.36
LOCATION L0000143      VOLUME  420727.983 3757881.908 192.11
LOCATION L0000144      VOLUME  420700.292 3757869.170 191.89
LOCATION L0000145      VOLUME  420672.601 3757856.432 191.77
LOCATION L0000146      VOLUME  420644.910 3757843.694 191.73
LOCATION L0000147      VOLUME  420617.220 3757830.957 191.63
LOCATION L0000148      VOLUME  420589.529 3757818.219 191.54
LOCATION L0000149      VOLUME  420561.516 3757806.245 191.54
LOCATION L0000150      VOLUME  420533.068 3757795.303 191.49
LOCATION L0000151      VOLUME  420504.619 3757784.361 191.45
** End of LINE VOLUME Source ID = HAUL2A
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL2B
** DESCRSRC Brea Canyon Rd from Silver Bullet Dr to Diamond Bar Boulevard
** PREFIX
** Length of Side = 15.24
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 8
** 421439.414, 3758647.800, 204.42, 3.66, 14.18
** 421488.945, 3758715.525, 204.99, 3.66, 14.18
** 421534.678, 3758751.249, 205.16, 3.66, 14.18
** 421621.602, 3758807.028, 204.92, 3.66, 14.18
** 421657.997, 3758829.802, 205.55, 3.66, 14.18
** 421683.432, 3758854.699, 206.63, 3.66, 14.18
** 421713.764, 3758886.816, 207.68, 3.66, 14.18
** 421733.391, 3758920.717, 207.77, 3.66, 14.18
** -----

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LOCATION L0000410      VOLUME  421443.912 3758653.950 204.43
LOCATION L0000411      VOLUME  421461.905 3758678.553 204.53
LOCATION L0000412      VOLUME  421479.898 3758703.155 204.77
LOCATION L0000413      VOLUME  421500.888 3758724.854 205.03
LOCATION L0000414      VOLUME  421524.908 3758743.618 205.16
LOCATION L0000415      VOLUME  421549.897 3758761.015 205.13
LOCATION L0000416      VOLUME  421575.549 3758777.476 205.06
LOCATION L0000417      VOLUME  421601.202 3758793.938 204.89
LOCATION L0000418      VOLUME  421626.893 3758810.339 204.96
LOCATION L0000419      VOLUME  421652.731 3758826.507 205.42
LOCATION L0000420      VOLUME  421675.339 3758846.778 206.33
LOCATION L0000421      VOLUME  421696.585 3758868.626 207.25
LOCATION L0000422      VOLUME  421716.500 3758891.541 207.73
LOCATION L0000423      VOLUME  421731.771 3758917.919 207.75
** End of LINE VOLUME Source ID = HAUL2B
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL3A
** DESCRSRC Diamond Bar Blvd from Brea Canyon to NB on/off Ramps
** PREFIX
** Length of Side = 25.91
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 3
** 421729.823, 3758918.933, 207.73, 3.66, 24.10
** 421651.315, 3758938.560, 208.24, 3.66, 24.10
** 421613.845, 3758958.187, 208.83, 3.66, 24.10
** -----
LOCATION L0000407      VOLUME  421717.256 3758922.075 207.66
LOCATION L0000408      VOLUME  421666.987 3758934.642 208.02
LOCATION L0000409      VOLUME  421619.724 3758955.107 208.68
** End of LINE VOLUME Source ID = HAUL3A
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL3B
** DESCRSRC Diamond Bar Blvd from Brea Canyon to SB on/off Ramps
** PREFIX
** Length of Side = 25.91
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 421683.619, 3758927.739, 207.78, 3.66, 0.00
** 421673.739, 3758930.509, 207.78, 3.66, 24.10
** 421658.452, 3758933.207, 208.20, 3.66, 24.10
** 421616.211, 3758951.593, 208.81, 3.66, 24.10
** 421553.179, 3758993.873, 210.05, 3.66, 24.10
** 421494.298, 3759067.028, 212.67, 3.66, 24.10
** -----
LOCATION L0000424      VOLUME  421671.087 3758930.977 207.90
LOCATION L0000425      VOLUME  421622.706 3758948.766 208.68
LOCATION L0000426      VOLUME  421579.062 3758976.512 209.59
LOCATION L0000427      VOLUME  421540.231 3759009.959 210.42
LOCATION L0000428      VOLUME  421507.742 3759050.325 211.86
** End of LINE VOLUME Source ID = HAUL3B
** Source Parameters **
** LINE VOLUME Source ID = CON1
SRCPARAM L0000001      0.015625      3.66      5.67      3.40
SRCPARAM L0000002      0.015625      3.66      5.67      3.40
SRCPARAM L0000003      0.015625      3.66      5.67      3.40
SRCPARAM L0000004      0.015625      3.66      5.67      3.40
SRCPARAM L0000005      0.015625      3.66      5.67      3.40
SRCPARAM L0000006      0.015625      3.66      5.67      3.40
SRCPARAM L0000007      0.015625      3.66      5.67      3.40
SRCPARAM L0000008      0.015625      3.66      5.67      3.40
SRCPARAM L0000009      0.015625      3.66      5.67      3.40
SRCPARAM L0000010      0.015625      3.66      5.67      3.40
SRCPARAM L0000011      0.015625      3.66      5.67      3.40
SRCPARAM L0000012      0.015625      3.66      5.67      3.40
SRCPARAM L0000013      0.015625      3.66      5.67      3.40
SRCPARAM L0000014      0.015625      3.66      5.67      3.40
SRCPARAM L0000015      0.015625      3.66      5.67      3.40
SRCPARAM L0000016      0.015625      3.66      5.67      3.40
SRCPARAM L0000017      0.015625      3.66      5.67      3.40
SRCPARAM L0000018      0.015625      3.66      5.67      3.40
SRCPARAM L0000019      0.015625      3.66      5.67      3.40
SRCPARAM L0000020      0.015625      3.66      5.67      3.40
SRCPARAM L0000021      0.015625      3.66      5.67      3.40
SRCPARAM L0000022      0.015625      3.66      5.67      3.40
SRCPARAM L0000023      0.015625      3.66      5.67      3.40
SRCPARAM L0000024      0.015625      3.66      5.67      3.40
SRCPARAM L0000025      0.015625      3.66      5.67      3.40
SRCPARAM L0000026      0.015625      3.66      5.67      3.40
SRCPARAM L0000027      0.015625      3.66      5.67      3.40
SRCPARAM L0000028      0.015625      3.66      5.67      3.40
SRCPARAM L0000029      0.015625      3.66      5.67      3.40
SRCPARAM L0000030      0.015625      3.66      5.67      3.40
SRCPARAM L0000031      0.015625      3.66      5.67      3.40
SRCPARAM L0000032      0.015625      3.66      5.67      3.40
SRCPARAM L0000033      0.015625      3.66      5.67      3.40
SRCPARAM L0000034      0.015625      3.66      5.67      3.40
SRCPARAM L0000035      0.015625      3.66      5.67      3.40
SRCPARAM L0000036      0.015625      3.66      5.67      3.40
SRCPARAM L0000037      0.015625      3.66      5.67      3.40
SRCPARAM L0000038      0.015625      3.66      5.67      3.40

```

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SRCPARAM	L0000131	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000132	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000133	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000134	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000135	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000136	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000137	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000138	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000139	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000140	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000141	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000142	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000143	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000144	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000145	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000146	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000147	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000148	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000149	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000150	0.0227272727	3.66	14.18	3.40
SRCPARAM	L0000151	0.0227272727	3.66	14.18	3.40
** -----					
** LINE VOLUME Source ID = HAUL2B					
SRCPARAM	L0000410	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000411	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000412	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000413	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000414	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000415	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000416	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000417	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000418	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000419	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000420	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000421	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000422	0.0714285714	3.66	14.18	3.40
SRCPARAM	L0000423	0.0714285714	3.66	14.18	3.40
** -----					
** LINE VOLUME Source ID = HAUL3A					
SRCPARAM	L0000407	0.3333333333	3.66	24.10	3.40
SRCPARAM	L0000408	0.3333333333	3.66	24.10	3.40
SRCPARAM	L0000409	0.3333333333	3.66	24.10	3.40
** -----					
** LINE VOLUME Source ID = HAUL3B					
SRCPARAM	L0000424	0.2	3.66	24.10	3.40
SRCPARAM	L0000425	0.2	3.66	24.10	3.40
SRCPARAM	L0000426	0.2	3.66	24.10	3.40
SRCPARAM	L0000427	0.2	3.66	24.10	3.40
SRCPARAM	L0000428	0.2	3.66	24.10	3.40
** -----					
URBANSRC ALL					
** Variable Emissions Type: "By Hour / Day (HRDOW)"					
** Variable Emission Scenario: "Scenario 2"					
** WeekDays:					
EMISFACT	L0000001	HRDOW	0.0	0.0	0.0
EMISFACT	L0000001	HRDOW	1.0	1.0	1.0
EMISFACT	L0000001	HRDOW	1.0	1.0	1.0
EMISFACT	L0000001	HRDOW	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0
EMISFACT	L0000002	HRDOW	1.0	1.0	1.0
EMISFACT	L0000002	HRDOW	1.0	1.0	1.0
EMISFACT	L0000002	HRDOW	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0
EMISFACT	L0000003	HRDOW	1.0	1.0	1.0
EMISFACT	L0000003	HRDOW	1.0	1.0	1.0
EMISFACT	L0000003	HRDOW	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0
EMISFACT	L0000004	HRDOW	1.0	1.0	1.0
EMISFACT	L0000004	HRDOW	1.0	1.0	1.0
EMISFACT	L0000004	HRDOW	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0
EMISFACT	L0000005	HRDOW	1.0	1.0	1.0
EMISFACT	L0000005	HRDOW	1.0	1.0	1.0
EMISFACT	L0000005	HRDOW	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0
EMISFACT	L0000006	HRDOW	1.0	1.0	1.0
EMISFACT	L0000006	HRDOW	1.0	1.0	1.0
EMISFACT	L0000006	HRDOW	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0
EMISFACT	L0000007	HRDOW	1.0	1.0	1.0
EMISFACT	L0000007	HRDOW	1.0	1.0	1.0
EMISFACT	L0000007	HRDOW	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0
EMISFACT	L0000008	HRDOW	1.0	1.0	1.0
EMISFACT	L0000008	HRDOW	1.0	1.0	1.0
EMISFACT	L0000008	HRDOW	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0
EMISFACT	L0000009	HRDOW	1.0	1.0	1.0
EMISFACT	L0000009	HRDOW	1.0	1.0	1.0
EMISFACT	L0000009	HRDOW	0.0	0.0	0.0
EMISFACT	L0000010	HRDOW	0.0	0.0	0.0
EMISFACT	L0000010	HRDOW	1.0	1.0	1.0
EMISFACT	L0000010	HRDOW	1.0	1.0	1.0
EMISFACT	L0000010	HRDOW	0.0	0.0	0.0
EMISFACT	L0000011	HRDOW	0.0	0.0	0.0
EMISFACT	L0000011	HRDOW	1.0	1.0	1.0
EMISFACT	L0000011	HRDOW	1.0	1.0	1.0

[illegible]

[illegible]

** Saturday:

[illegible]

★ ★

[illegible]

[illegible]

★ ★

15

** Saturday:

★ ★

[illegible]

[illegible]

** Sunday:

[illegible]

[illegible]

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SRCGROUP CON1      L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
SRCGROUP CON1      L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
SRCGROUP CON1      L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
SRCGROUP CON1      L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
SRCGROUP CON1      L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
SRCGROUP CON1      L0000061 L0000062 L0000063 L0000064
SRCGROUP CON2      L0000065 L0000066 L0000067 L0000068 L0000069 L0000070
SRCGROUP CON2      L0000071 L0000072 L0000073 L0000074 L0000075 L0000076
SRCGROUP CON2      L0000077 L0000078
SRCGROUP HAUL1     L0000291 L0000292 L0000293 L0000294 L0000295 L0000296
SRCGROUP HAUL1     L0000297 L0000298 L0000299 L0000300 L0000301 L0000302
SRCGROUP HAUL1     L0000303 L0000304 L0000305 L0000306 L0000307 L0000308
SRCGROUP HAUL1     L0000309 L0000310 L0000311 L0000312 L0000313 L0000314
SRCGROUP HAUL1     L0000315 L0000316 L0000317 L0000318 L0000319
SRCGROUP HAUL2A    L0000108 L0000109 L0000110 L0000111 L0000112 L0000113
SRCGROUP HAUL2A    L0000114 L0000115 L0000116 L0000117 L0000118 L0000119
SRCGROUP HAUL2A    L0000120 L0000121 L0000122 L0000123 L0000124 L0000125
SRCGROUP HAUL2A    L0000126 L0000127 L0000128 L0000129 L0000130 L0000131
SRCGROUP HAUL2A    L0000132 L0000133 L0000134 L0000135 L0000136 L0000137
SRCGROUP HAUL2A    L0000138 L0000139 L0000140 L0000141 L0000142 L0000143
SRCGROUP HAUL2A    L0000144 L0000145 L0000146 L0000147 L0000148 L0000149
SRCGROUP HAUL2A    L0000150 L0000151
SRCGROUP HAUL2B    L0000410 L0000411 L0000412 L0000413 L0000414 L0000415
SRCGROUP HAUL2B    L0000416 L0000417 L0000418 L0000419 L0000420 L0000421
SRCGROUP HAUL2B    L0000422 L0000423
SRCGROUP HAUL3A    L0000407 L0000408 L0000409
SRCGROUP HAUL3B    L0000424 L0000425 L0000426 L0000427 L0000428
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Crooked Creek.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE PICO_V9_ADJU\PICO_v9.SFC
  PROFFILE PICO_V9_ADJU\PICO_v9.PFL
  SURFDATA 3166 2010 Pico_Rivera
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 58.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "Crooked Creek.AD\AN00GALL.PLT" 31
  PLOTFILE ANNUAL CON1 "Crooked Creek.AD\AN00G001.PLT" 32
  PLOTFILE ANNUAL CON2 "Crooked Creek.AD\AN00G002.PLT" 33
  PLOTFILE ANNUAL HAUL1 "Crooked Creek.AD\AN00G003.PLT" 34
  PLOTFILE ANNUAL HAUL2A "Crooked Creek.AD\AN00G004.PLT" 35
  PLOTFILE ANNUAL HAUL2B "Crooked Creek.AD\AN00G005.PLT" 36
  PLOTFILE ANNUAL HAUL3A "Crooked Creek.AD\AN00G006.PLT" 37
  PLOTFILE ANNUAL HAUL3B "Crooked Creek.AD\AN00G007.PLT" 38
  SUMMFILE "Crooked Creek.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 2697 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
ME W187 2697 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
0.50

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

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*** MODELOPTs: RegDEFAULT 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 173 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 ANNUAL Averages Only

**This Run Includes: 173 Source(s); 8 Source Group(s); and 263 Receptor(s)

with: 0 POINT(s), including
and: 0 POINTCAP(s) and 0 POINTHOR(s)
and: 173 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT 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 ANNUAL Averages by Receptor
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) = 58.00 ; 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 = 3.8 MB of RAM.

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

**Detailed Error/Message File: Crooked Creek.err
**File for Summary of Results: Crooked Creek.sum

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 *** MODELOPTs: RegDEFAULT 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	0.15625E-01	421478.9	3758255.9	206.7	3.66	5.67	3.40	YES	HRDOW
L0000002	0	0.15625E-01	421472.5	3758245.5	207.3	3.66	5.67	3.40	YES	HRDOW
L0000003	0	0.15625E-01	421466.1	3758235.2	208.3	3.66	5.67	3.40	YES	HRDOW
L0000004	0	0.15625E-01	421459.6	3758224.8	211.9	3.66	5.67	3.40	YES	HRDOW
L0000005	0	0.15625E-01	421453.2	3758214.5	216.8	3.66	5.67	3.40	YES	HRDOW
L0000006	0	0.15625E-01	421446.7	3758204.1	220.9	3.66	5.67	3.40	YES	HRDOW
L0000007	0	0.15625E-01	421436.6	3758201.1	221.2	3.66	5.67	3.40	YES	HRDOW
L0000008	0	0.15625E-01	421424.5	3758202.2	219.2	3.66	5.67	3.40	YES	HRDOW
L0000009	0	0.15625E-01	421412.3	3758203.2	216.8	3.66	5.67	3.40	YES	HRDOW
L0000010	0	0.15625E-01	421400.2	3758204.3	213.8	3.66	5.67	3.40	YES	HRDOW
L0000011	0	0.15625E-01	421388.0	3758205.3	210.7	3.66	5.67	3.40	YES	HRDOW
L0000012	0	0.15625E-01	421380.0	3758197.9	211.1	3.66	5.67	3.40	YES	HRDOW
L0000013	0	0.15625E-01	421373.2	3758187.7	213.6	3.66	5.67	3.40	YES	HRDOW
L0000014	0	0.15625E-01	421366.3	3758177.6	215.2	3.66	5.67	3.40	YES	HRDOW
L0000015	0	0.15625E-01	421359.5	3758167.5	213.2	3.66	5.67	3.40	YES	HRDOW
L0000016	0	0.15625E-01	421352.7	3758157.4	209.2	3.66	5.67	3.40	YES	HRDOW
L0000017	0	0.15625E-01	421345.9	3758147.3	205.8	3.66	5.67	3.40	YES	HRDOW
L0000018	0	0.15625E-01	421339.1	3758137.2	204.8	3.66	5.67	3.40	YES	HRDOW
L0000019	0	0.15625E-01	421328.3	3758134.7	203.0	3.66	5.67	3.40	YES	HRDOW
L0000020	0	0.15625E-01	421316.1	3758134.7	201.1	3.66	5.67	3.40	YES	HRDOW
L0000021	0	0.15625E-01	421303.9	3758134.7	199.8	3.66	5.67	3.40	YES	HRDOW
L0000022	0	0.15625E-01	421291.7	3758134.7	199.2	3.66	5.67	3.40	YES	HRDOW
L0000023	0	0.15625E-01	421279.5	3758134.7	198.1	3.66	5.67	3.40	YES	HRDOW
L0000024	0	0.15625E-01	421267.3	3758134.7	197.2	3.66	5.67	3.40	YES	HRDOW
L0000025	0	0.15625E-01	421264.4	3758137.3	196.6	3.66	5.67	3.40	YES	HRDOW
L0000026	0	0.15625E-01	421274.8	3758143.6	197.4	3.66	5.67	3.40	YES	HRDOW
L0000027	0	0.15625E-01	421285.3	3758149.9	197.7	3.66	5.67	3.40	YES	HRDOW
L0000028	0	0.15625E-01	421295.7	3758156.2	198.1	3.66	5.67	3.40	YES	HRDOW
L0000029	0	0.15625E-01	421306.1	3758162.5	198.8	3.66	5.67	3.40	YES	HRDOW
L0000030	0	0.15625E-01	421316.6	3758168.8	199.4	3.66	5.67	3.40	YES	HRDOW
L0000031	0	0.15625E-01	421327.0	3758175.1	199.5	3.66	5.67	3.40	YES	HRDOW
L0000032	0	0.15625E-01	421333.6	3758185.1	200.5	3.66	5.67	3.40	YES	HRDOW
L0000033	0	0.15625E-01	421339.6	3758195.8	200.3	3.66	5.67	3.40	YES	HRDOW
L0000034	0	0.15625E-01	421345.5	3758206.4	199.1	3.66	5.67	3.40	YES	HRDOW
L0000035	0	0.15625E-01	421351.5	3758217.0	198.4	3.66	5.67	3.40	YES	HRDOW
L0000036	0	0.15625E-01	421357.5	3758227.6	198.7	3.66	5.67	3.40	YES	HRDOW
L0000037	0	0.15625E-01	421363.4	3758238.3	198.9	3.66	5.67	3.40	YES	HRDOW
L0000038	0	0.15625E-01	421369.4	3758248.9	198.8	3.66	5.67	3.40	YES	HRDOW
L0000039	0	0.15625E-01	421375.4	3758259.5	198.7	3.66	5.67	3.40	YES	HRDOW
L0000040	0	0.15625E-01	421381.4	3758270.0	199.0	3.66	5.67	3.40	YES	HRDOW

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 *** MODELOPTs: RegDEFAULT 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	0.15625E-01	421392.5	3758264.9	200.0	3.66	5.67	3.40	YES	HRDOW
L0000042	0	0.15625E-01	421403.6	3758259.8	201.7	3.66	5.67	3.40	YES	HRDOW
L0000043	0	0.15625E-01	421414.6	3758254.7	204.7	3.66	5.67	3.40	YES	HRDOW
L0000044	0	0.15625E-01	421425.7	3758249.6	207.1	3.66	5.67	3.40	YES	HRDOW
L0000045	0	0.15625E-01	421436.8	3758244.4	208.0	3.66	5.67	3.40	YES	HRDOW
L0000046	0	0.15625E-01	421447.8	3758239.3	208.6	3.66	5.67	3.40	YES	HRDOW
L0000047	0	0.15625E-01	421442.9	3758228.8	212.7	3.66	5.67	3.40	YES	HRDOW
L0000048	0	0.15625E-01	421437.2	3758218.0	215.8	3.66	5.67	3.40	YES	HRDOW
L0000049	0	0.15625E-01	421426.3	3758221.4	214.4	3.66	5.67	3.40	YES	HRDOW
L0000050	0	0.15625E-01	421415.0	3758225.9	212.5	3.66	5.67	3.40	YES	HRDOW
L0000051	0	0.15625E-01	421403.6	3758230.4	209.2	3.66	5.67	3.40	YES	HRDOW
L0000052	0	0.15625E-01	421392.3	3758235.0	204.6	3.66	5.67	3.40	YES	HRDOW
L0000053	0	0.15625E-01	421381.0	3758239.5	200.1	3.66	5.67	3.40	YES	HRDOW
L0000054	0	0.15625E-01	421373.9	3758231.9	200.1	3.66	5.67	3.40	YES	HRDOW
L0000055	0	0.15625E-01	421367.9	3758221.3	200.8	3.66	5.67	3.40	YES	HRDOW
L0000056	0	0.15625E-01	421361.9	3758210.7	202.0	3.66	5.67	3.40	YES	HRDOW
L0000057	0	0.15625E-01	421355.9	3758200.1	203.8	3.66	5.67	3.40	YES	HRDOW
L0000058	0	0.15625E-01	421349.9	3758189.5	206.0	3.66	5.67	3.40	YES	HRDOW
L0000059	0	0.15625E-01	421343.9	3758178.9	205.0	3.66	5.67	3.40	YES	HRDOW
L0000060	0	0.15625E-01	421337.9	3758168.2	202.6	3.66	5.67	3.40	YES	HRDOW
L0000061	0	0.15625E-01	421331.9	3758157.6	201.8	3.66	5.67	3.40	YES	HRDOW
L0000062	0	0.15625E-01	421323.4	3758150.5	201.2	3.66	5.67	3.40	YES	HRDOW
L0000063	0	0.15625E-01	421311.5	3758148.1	199.8	3.66	5.67	3.40	YES	HRDOW
L0000064	0	0.15625E-01	421299.5	3758145.7	199.2	3.66	5.67	3.40	YES	HRDOW
L0000065	0	0.26143E+00	421410.9	3758268.3	201.9	3.66	5.67	3.40	YES	HRDOW
L0000066	0	0.26143E+00	421407.9	3758256.9	202.9	3.66	5.67	3.40	YES	HRDOW
L0000067	0	0.26143E+00	421402.1	3758246.2	205.1	3.66	5.67	3.40	YES	HRDOW
L0000068	0	0.26143E+00	421396.2	3758235.5	205.8	3.66	5.67	3.40	YES	HRDOW
L0000069	0	0.26143E+00	421390.3	3758224.8	206.2	3.66	5.67	3.40	YES	HRDOW
L0000070	0	0.26143E+00	421384.4	3758214.1	207.3	3.66	5.67	3.40	YES	HRDOW
L0000071	0	0.26143E+00	421378.6	3758203.5	208.7	3.66	5.67	3.40	YES	HRDOW
L0000072	0	0.26143E+00	421372.7	3758192.8	211.2	3.66	5.67	3.40	YES	HRDOW
L0000073	0	0.26143E+00	421365.6	3758183.2	213.2	3.66	5.67	3.40	YES	HRDOW
L0000074	0	0.26143E+00	421355.2	3758176.8	210.5	3.66	5.67	3.40	YES	HRDOW
L0000075	0	0.26143E+00	421344.9	3758170.4	205.6	3.66	5.67	3.40	YES	HRDOW
L0000076	0	0.26143E+00	421336.1	3758162.1	202.1	3.66	5.67	3.40	YES	HRDOW
L0000077	0	0.26143E+00	421328.1	3758152.9	201.7	3.66	5.67	3.40	YES	HRDOW
L0000078	0	0.26143E+00	421328.0	3758143.0	202.4	3.66	5.67	3.40	YES	HRDOW
L0000291	0	0.34483E-01	421415.6	3758272.8	202.4	3.66	8.51	3.40	YES	HRDOW
L0000292	0	0.34483E-01	421425.0	3758288.5	202.3	3.66	8.51	3.40	YES	HRDOW

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*** MODELOPTs: RegDEFAULT 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
L0000293	0	0.34483E-01	421434.4	3758304.3	202.3	3.66	8.51	3.40	YES	HRDOW
L0000294	0	0.34483E-01	421443.8	3758320.0	202.2	3.66	8.51	3.40	YES	HRDOW
L0000295	0	0.34483E-01	421453.1	3758335.7	202.1	3.66	8.51	3.40	YES	HRDOW
L0000296	0	0.34483E-01	421462.5	3758351.4	202.1	3.66	8.51	3.40	YES	HRDOW
L0000297	0	0.34483E-01	421471.8	3758367.1	202.0	3.66	8.51	3.40	YES	HRDOW
L0000298	0	0.34483E-01	421480.7	3758383.1	201.9	3.66	8.51	3.40	YES	HRDOW
L0000299	0	0.34483E-01	421489.7	3758399.0	201.8	3.66	8.51	3.40	YES	HRDOW
L0000300	0	0.34483E-01	421498.6	3758415.0	201.7	3.66	8.51	3.40	YES	HRDOW
L0000301	0	0.34483E-01	421507.5	3758431.0	201.6	3.66	8.51	3.40	YES	HRDOW
L0000302	0	0.34483E-01	421516.4	3758446.9	201.5	3.66	8.51	3.40	YES	HRDOW
L0000303	0	0.34483E-01	421525.4	3758462.9	201.3	3.66	8.51	3.40	YES	HRDOW
L0000304	0	0.34483E-01	421522.2	3758475.3	201.3	3.66	8.51	3.40	YES	HRDOW
L0000305	0	0.34483E-01	421506.1	3758484.0	201.3	3.66	8.51	3.40	YES	HRDOW
L0000306	0	0.34483E-01	421490.0	3758492.7	201.2	3.66	8.51	3.40	YES	HRDOW
L0000307	0	0.34483E-01	421473.9	3758501.4	200.4	3.66	8.51	3.40	YES	HRDOW
L0000308	0	0.34483E-01	421457.8	3758510.0	201.0	3.66	8.51	3.40	YES	HRDOW
L0000309	0	0.34483E-01	421441.7	3758518.7	200.8	3.66	8.51	3.40	YES	HRDOW
L0000310	0	0.34483E-01	421440.9	3758531.8	200.9	3.66	8.51	3.40	YES	HRDOW
L0000311	0	0.34483E-01	421449.8	3758547.7	201.1	3.66	8.51	3.40	YES	HRDOW
L0000312	0	0.34483E-01	421458.8	3758563.7	201.5	3.66	8.51	3.40	YES	HRDOW
L0000313	0	0.34483E-01	421467.7	3758579.6	201.9	3.66	8.51	3.40	YES	HRDOW
L0000314	0	0.34483E-01	421476.7	3758595.6	202.4	3.66	8.51	3.40	YES	HRDOW
L0000315	0	0.34483E-01	421486.1	3758611.3	202.6	3.66	8.51	3.40	YES	HRDOW
L0000316	0	0.34483E-01	421487.7	3758625.0	202.8	3.66	8.51	3.40	YES	HRDOW
L0000317	0	0.34483E-01	421471.9	3758634.1	203.4	3.66	8.51	3.40	YES	HRDOW
L0000318	0	0.34483E-01	421456.0	3758643.2	204.1	3.66	8.51	3.40	YES	HRDOW
L0000319	0	0.34483E-01	421440.2	3758652.4	204.5	3.66	8.51	3.40	YES	HRDOW
L0000108	0	0.22727E-01	421435.2	3758648.3	204.4	3.66	14.18	3.40	YES	HRDOW
L0000109	0	0.22727E-01	421420.0	3758621.8	204.3	3.66	14.18	3.40	YES	HRDOW
L0000110	0	0.22727E-01	421404.8	3758595.4	204.2	3.66	14.18	3.40	YES	HRDOW
L0000111	0	0.22727E-01	421389.7	3758568.9	204.0	3.66	14.18	3.40	YES	HRDOW
L0000112	0	0.22727E-01	421375.6	3758541.9	203.8	3.66	14.18	3.40	YES	HRDOW
L0000113	0	0.22727E-01	421361.4	3758514.9	203.5	3.66	14.18	3.40	YES	HRDOW
L0000114	0	0.22727E-01	421347.3	3758487.9	203.1	3.66	14.18	3.40	YES	HRDOW
L0000115	0	0.22727E-01	421333.1	3758460.9	202.8	3.66	14.18	3.40	YES	HRDOW
L0000116	0	0.22727E-01	421318.9	3758434.0	202.5	3.66	14.18	3.40	YES	HRDOW
L0000117	0	0.22727E-01	421303.7	3758407.6	202.1	3.66	14.18	3.40	YES	HRDOW
L0000118	0	0.22727E-01	421287.9	3758381.5	201.8	3.66	14.18	3.40	YES	HRDOW
L0000119	0	0.22727E-01	421272.2	3758355.4	201.4	3.66	14.18	3.40	YES	HRDOW
L0000120	0	0.22727E-01	421256.4	3758329.3	201.0	3.66	14.18	3.40	YES	HRDOW

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*** MODELOPTs: RegDEFAULT 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
L0000121	0	0.22727E-01	421240.6	3758303.3	200.6	3.66	14.18	3.40	YES	HRDOW
L0000122	0	0.22727E-01	421223.3	3758278.3	200.1	3.66	14.18	3.40	YES	HRDOW
L0000123	0	0.22727E-01	421204.1	3758254.6	199.7	3.66	14.18	3.40	YES	HRDOW
L0000124	0	0.22727E-01	421184.9	3758230.9	199.3	3.66	14.18	3.40	YES	HRDOW
L0000125	0	0.22727E-01	421165.8	3758207.2	198.7	3.66	14.18	3.40	YES	HRDOW
L0000126	0	0.22727E-01	421146.6	3758183.5	198.1	3.66	14.18	3.40	YES	HRDOW
L0000127	0	0.22727E-01	421126.4	3758160.7	197.7	3.66	14.18	3.40	YES	HRDOW
L0000128	0	0.22727E-01	421104.3	3758139.8	197.1	3.66	14.18	3.40	YES	HRDOW
L0000129	0	0.22727E-01	421082.1	3758118.8	196.7	3.66	14.18	3.40	YES	HRDOW
L0000130	0	0.22727E-01	421058.9	3758099.2	196.3	3.66	14.18	3.40	YES	HRDOW
L0000131	0	0.22727E-01	421033.9	3758081.8	196.0	3.66	14.18	3.40	YES	HRDOW
L0000132	0	0.22727E-01	421008.8	3758064.5	195.8	3.66	14.18	3.40	YES	HRDOW
L0000133	0	0.22727E-01	420983.7	3758047.2	195.6	3.66	14.18	3.40	YES	HRDOW
L0000134	0	0.22727E-01	420958.6	3758029.9	195.4	3.66	14.18	3.40	YES	HRDOW
L0000135	0	0.22727E-01	420933.5	3758012.6	195.1	3.66	14.18	3.40	YES	HRDOW
L0000136	0	0.22727E-01	420908.3	3757995.5	194.9	3.66	14.18	3.40	YES	HRDOW
L0000137	0	0.22727E-01	420882.8	3757978.8	194.6	3.66	14.18	3.40	YES	HRDOW
L0000138	0	0.22727E-01	420857.3	3757962.0	194.2	3.66	14.18	3.40	YES	HRDOW
L0000139	0	0.22727E-01	420831.8	3757945.3	193.8	3.66	14.18	3.40	YES	HRDOW
L0000140	0	0.22727E-01	420806.4	3757928.6	193.2	3.66	14.18	3.40	YES	HRDOW
L0000141	0	0.22727E-01	420780.9	3757911.9	192.8	3.66	14.18	3.40	YES	HRDOW
L0000142	0	0.22727E-01	420755.4	3757895.2	192.4	3.66	14.18	3.40	YES	HRDOW
L0000143	0	0.22727E-01	420728.0	3757881.9	192.1	3.66	14.18	3.40	YES	HRDOW
L0000144	0	0.22727E-01	420700.3	3757869.2	191.9	3.66	14.18	3.40	YES	HRDOW
L0000145	0	0.22727E-01	420672.6	3757856.4	191.8	3.66	14.18	3.40	YES	HRDOW
L0000146	0	0.22727E-01	420644.9	3757843.7	191.7	3.66	14.18	3.40	YES	HRDOW
L0000147	0	0.22727E-01	420617.2	3757831.0	191.6	3.66	14.18	3.40	YES	HRDOW
L0000148	0	0.22727E-01	420589.5	3757818.2	191.5	3.66	14.18	3.40	YES	HRDOW
L0000149	0	0.22727E-01	420561.5	3757806.2	191.5	3.66	14.18	3.40	YES	HRDOW
L0000150	0	0.22727E-01	420533.1	3757795.3	191.5	3.66	14.18	3.40	YES	HRDOW
L0000151	0	0.22727E-01	420504.6	3757784.4	191.5	3.66	14.18	3.40	YES	HRDOW
L0000410	0	0.71429E-01	421443.9	3758653.9	204.4	3.66	14.18	3.40	YES	HRDOW
L0000411	0	0.71429E-01	421461.9	3758678.6	204.5	3.66	14.18	3.40	YES	HRDOW
L0000412	0	0.71429E-01	421479.9	3758703.2	204.8	3.66	14.18	3.40	YES	HRDOW
L0000413	0	0.71429E-01	421500.9	3758724.9	205.0	3.66	14.18	3.40	YES	HRDOW
L0000414	0	0.71429E-01	421524.9	3758743.6	205.2	3.66	14.18	3.40	YES	HRDOW
L0000415	0	0.71429E-01	421549.9	3758761.0	205.1	3.66	14.18	3.40	YES	HRDOW
L0000416	0	0.71429E-01	421575.5	3758777.5	205.1	3.66	14.18	3.40	YES	HRDOW
L0000417	0	0.71429E-01	421601.2	3758793.9	204.9	3.66	14.18	3.40	YES	HRDOW
L0000418	0	0.71429E-01	421626.9	3758810.3	205.0	3.66	14.18	3.40	YES	HRDOW

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*** MODELOPTs: RegDEFAULT 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
L0000419	0	0.71429E-01	421652.7	3758826.5	205.4	3.66	14.18	3.40	YES	HRDOW
L0000420	0	0.71429E-01	421675.3	3758846.8	206.3	3.66	14.18	3.40	YES	HRDOW
L0000421	0	0.71429E-01	421696.6	3758868.6	207.2	3.66	14.18	3.40	YES	HRDOW
L0000422	0	0.71429E-01	421716.5	3758891.5	207.7	3.66	14.18	3.40	YES	HRDOW
L0000423	0	0.71429E-01	421731.8	3758917.9	207.8	3.66	14.18	3.40	YES	HRDOW
L0000407	0	0.33333E+00	421717.3	3758922.1	207.7	3.66	24.10	3.40	YES	HRDOW
L0000408	0	0.33333E+00	421667.0	3758934.6	208.0	3.66	24.10	3.40	YES	HRDOW
L0000409	0	0.33333E+00	421619.7	3758955.1	208.7	3.66	24.10	3.40	YES	HRDOW
L0000424	0	0.20000E+00	421671.1	3758931.0	207.9	3.66	24.10	3.40	YES	HRDOW
L0000425	0	0.20000E+00	421622.7	3758948.8	208.7	3.66	24.10	3.40	YES	HRDOW
L0000426	0	0.20000E+00	421579.1	3758976.5	209.6	3.66	24.10	3.40	YES	HRDOW
L0000427	0	0.20000E+00	421540.2	3759010.0	210.4	3.66	24.10	3.40	YES	HRDOW
L0000428	0	0.20000E+00	421507.7	3759050.3	211.9	3.66	24.10	3.40	YES	HRDOW

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 *** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
CON1 L0000008	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 ,
L0000016	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 ,
L0000024	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 ,
L0000032	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 ,
L0000040	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 ,
L0000048	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 ,
L0000056	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 ,
L0000064	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
CON2 L0000072	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 ,
HAUL1 L0000298	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000306	L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 ,
L0000314	L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 ,
HAUL2A L0000115	L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 , L0000313 ,
L0000123	L0000315 , L0000316 , L0000317 , L0000318 , L0000319 ,
L0000131	L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
L0000139	L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
L0000147	L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
	L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
	L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
	L0000148 , L0000149 , L0000150 , L0000151 ,

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 *** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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HAUL2B L0000417	L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 ,
	L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 ,
HAUL3A	L0000407 , L0000408 , L0000409 ,
HAUL3B	L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,
ALL L0000008	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 ,
	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 , L0000071 ,
L0000072	,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000291 ,
L0000292	,
	L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 ,
L0000300	,
	L0000301 , L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 ,
L0000308	,
	L0000309 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 ,
L0000316	,
	L0000317 , L0000318 , L0000319 , L0000108 , L0000109 , L0000110 , L0000111 ,
L0000112	,
	L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,
L0000120	,
	L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,
L0000128	,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
L0000136	L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 ,
L0000144	L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 ,
L0000410	L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 ,
L0000418	L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 ,
L0000409	L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , L0000407 , L0000408 ,
	L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,

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 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000007	9818605.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,
L0000008	,	
L0000016	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 ,	
L0000024	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 ,	
L0000032	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 ,	
L0000040	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 ,	
L0000048	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 ,	
L0000056	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 ,	
L0000064	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,	
L0000072	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 ,	
L0000292	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000291 ,	
L0000300	L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 ,	
L0000308	L0000301 , L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 ,	
L0000316	L0000309 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 ,	
L0000112	L0000317 , L0000318 , L0000319 , L0000108 , L0000109 , L0000110 , L0000111 ,	
L0000120	L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,	
L0000128	L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,	
L0000136	L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 ,	
L0000144	L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 ,	
L0000410	L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 ,	
L0000418	L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 ,	

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

URBAN ID      URBAN POP      SOURCE IDs
-----
L0000409      , L0000419      , L0000420      , L0000421      , L0000422      , L0000423      , L0000407      , L0000408      ,
                L0000424      , L0000425      , L0000426      , L0000427      , L0000428      ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000002		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000003		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000008		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000009		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :															
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1   .0000E+00  2   .0000E+00  3   .0000E+00  4   .0000E+00  5   .0000E+00  6   .1000E+01  7   .1000E+01
8   .1000E+01
9   .1000E+01 10   .1000E+01 11   .1000E+01 12   .1000E+01 13   .1000E+01 14   .1000E+01 15   .1000E+01
16  .1000E+01
17  .1000E+01 18   .0000E+00 19   .0000E+00 20   .0000E+00 21   .0000E+00 22   .0000E+00 23   .0000E+00
24  .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000012		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000013		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000014		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000016		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000019		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000020		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000021		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6  .1000E+01  7  .1000E+01
8  .1000E+01
9  .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000027		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :															
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000029		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000030		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :															
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000036      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000037		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000039		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000040		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000042		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000043		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000044      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000046		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000048		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000049		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000050		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000051      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6  .1000E+01  7  .1000E+01
8  .1000E+01
9  .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000053		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :															
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000058      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000060		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000061		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000062		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000063		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000064		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :															
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000067		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000068		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000072		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000074		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000075		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000076		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000077		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000291		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000292		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000293		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000294		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000295 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000296		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000297		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000298      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000299		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000300		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000301      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000302		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000303		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000304		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000305 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000306		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000307		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000308		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000309		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000310		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000311		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000312		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000313		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000314		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000315		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000316      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000317 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000318		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000319		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000109		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000110		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000111      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000114      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6  .1000E+01  7  .1000E+01
8  .1000E+01
  9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14  .1000E+01 15  .1000E+01
16 .1000E+01
 17 .1000E+01 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22  .0000E+00 23  .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000116		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000117		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000118      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000119		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000120		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000121      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000122		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000123      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1   .0000E+00   2   .0000E+00   3   .0000E+00   4   .0000E+00   5   .0000E+00   6   .1000E+01   7   .1000E+01
8   .1000E+01
9   .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                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
                                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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000125		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000126		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000127		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000128		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000129		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000130      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000131		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01		
8	.1000E+01														
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01		
16	.1000E+01														
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00		
24	.0000E+00														
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														
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000133		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000136		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000137		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01		
8	.1000E+01														
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01		
16	.1000E+01														
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00		
24	.0000E+00														
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														
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000138		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000139		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000140      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14 .1000E+01  15 .1000E+01
16 .1000E+01
 17 .1000E+01  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22 .0000E+00  23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0000141      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1   .0000E+00   2   .0000E+00   3   .0000E+00   4   .0000E+00   5   .0000E+00   6   .1000E+01   7   .1000E+01
8   .1000E+01
9   .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000142		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000143		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000144		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01		
8	.1000E+01														
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01		
16	.1000E+01														
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00		
24	.0000E+00														
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														
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000145		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000146		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000147		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000148		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000149		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000150		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000151		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000410		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000411		; SOURCE TYPE = VOLUME		:		:		:		:		:		:	
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000412		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000413		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000414		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000415		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000416		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000417		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000418		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000419		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000420		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000421 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000422		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000423		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000407 ; SOURCE TYPE = VOLUME :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .1000E+01  7 .1000E+01
8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000408		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000409		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000424		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = L0000425 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR
-----
                                DAY OF WEEK = WEEKDAY
  1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6  .1000E+01  7  .1000E+01
8  .1000E+01
  9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14  .1000E+01 15  .1000E+01
16 .1000E+01
 17 .1000E+01 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22  .0000E+00 23  .0000E+00
24 .0000E+00
                                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
                                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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000426		; SOURCE TYPE = VOLUME		:											
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000427		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000428		; SOURCE TYPE = VOLUME		:		SCALAR		SCALAR		SCALAR		SCALAR		SCALAR	
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01		
8	.1000E+01														
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01		
16	.1000E+01														
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00		
24	.0000E+00														
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														
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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(421114.0, 3758130.0,	197.2,	342.9,	0.0);	(421164.0, 3758130.0,	196.8,	342.9,
0.0);						
(421214.0, 3758130.0,	191.2,	342.9,	0.0);	(421164.0, 3758180.0,	198.3,	342.9,
0.0);						
(421214.0, 3758180.0,	196.4,	342.9,	0.0);	(421264.0, 3758180.0,	197.5,	342.9,
0.0);						
(421614.0, 3758180.0,	256.1,	336.8,	0.0);	(421664.0, 3758180.0,	257.6,	336.8,
0.0);						
(421714.0, 3758180.0,	258.2,	336.8,	0.0);	(421764.0, 3758180.0,	253.9,	336.8,
0.0);						
(421864.0, 3758180.0,	259.1,	336.8,	0.0);	(421914.0, 3758180.0,	258.2,	336.8,
0.0);						
(421964.0, 3758180.0,	264.0,	336.8,	0.0);	(422064.0, 3758180.0,	295.6,	318.9,
0.0);						
(422114.0, 3758180.0,	299.4,	318.9,	0.0);	(421214.0, 3758230.0,	198.0,	342.9,
0.0);						
(421264.0, 3758230.0,	197.8,	342.9,	0.0);	(421314.0, 3758230.0,	198.0,	342.9,
0.0);						
(421614.0, 3758230.0,	253.9,	336.8,	0.0);	(421664.0, 3758230.0,	254.0,	336.8,
0.0);						
(421714.0, 3758230.0,	252.6,	336.8,	0.0);	(421764.0, 3758230.0,	253.6,	336.8,
0.0);						
(421814.0, 3758230.0,	251.4,	336.8,	0.0);	(421864.0, 3758230.0,	253.3,	336.8,
0.0);						
(421914.0, 3758230.0,	257.7,	336.8,	0.0);	(421964.0, 3758230.0,	263.2,	336.8,
0.0);						
(422014.0, 3758230.0,	268.3,	336.8,	0.0);	(422114.0, 3758230.0,	299.6,	313.1,
0.0);						
(421264.0, 3758280.0,	199.5,	342.9,	0.0);	(421314.0, 3758280.0,	198.7,	342.9,
0.0);						
(421403.7, 3758283.9,	203.0,	342.9,	0.0);	(421464.0, 3758280.0,	203.2,	342.9,
0.0);						
(421664.0, 3758280.0,	250.3,	336.8,	0.0);	(421714.0, 3758280.0,	246.1,	336.8,
0.0);						
(421764.0, 3758280.0,	244.9,	336.8,	0.0);	(421814.0, 3758280.0,	247.4,	336.8,
0.0);						
(421864.0, 3758280.0,	252.6,	336.8,	0.0);	(421914.0, 3758280.0,	258.0,	336.8,
0.0);						
(421964.0, 3758280.0,	266.1,	336.8,	0.0);	(422014.0, 3758280.0,	269.3,	336.8,
0.0);						
(422064.0, 3758280.0,	274.8,	318.9,	0.0);	(422114.0, 3758280.0,	282.0,	318.9,
0.0);						
(421314.0, 3758330.0,	199.3,	342.9,	0.0);	(421364.0, 3758330.0,	199.3,	342.9,
0.0);						
(421414.0, 3758330.0,	203.2,	342.9,	0.0);	(421464.0, 3758330.0,	202.6,	342.9,
0.0);						
(421714.0, 3758330.0,	244.1,	336.8,	0.0);	(421764.0, 3758330.0,	243.2,	336.8,
0.0);						
(421814.0, 3758330.0,	245.4,	336.8,	0.0);	(421864.0, 3758330.0,	257.2,	336.8,
0.0);						
(421914.0, 3758330.0,	256.2,	336.8,	0.0);	(421964.0, 3758330.0,	260.3,	336.8,
0.0);						
(422014.0, 3758330.0,	272.6,	318.9,	0.0);	(422064.0, 3758330.0,	276.2,	318.9,
0.0);						
(422114.0, 3758330.0,	279.6,	318.9,	0.0);	(421314.0, 3758380.0,	200.3,	342.9,
0.0);						
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0.0);						
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0.0);						
(421614.0, 3758380.0,	211.4,	342.9,	0.0);	(421714.0, 3758380.0,	235.8,	336.8,
0.0);						
(421764.0, 3758380.0,	239.7,	336.8,	0.0);	(421814.0, 3758380.0,	238.8,	336.8,
0.0);						
(421864.0, 3758380.0,	246.1,	336.8,	0.0);	(421914.0, 3758380.0,	255.7,	336.8,
0.0);						
(421964.0, 3758380.0,	254.2,	336.8,	0.0);	(422014.0, 3758380.0,	261.0,	336.8,
0.0);						
(422064.0, 3758380.0,	271.0,	318.9,	0.0);	(422114.0, 3758380.0,	278.5,	318.9,
0.0);						
(421364.0, 3758430.0,	200.2,	342.9,	0.0);	(421414.0, 3758430.0,	200.5,	342.9,
0.0);						
(421464.0, 3758430.0,	202.2,	342.9,	0.0);	(421521.7, 3758427.4,	202.1,	342.9,
0.0);						
(421564.0, 3758430.0,	203.9,	342.9,	0.0);	(421614.0, 3758430.0,	206.5,	342.9,
0.0);						
(421664.0, 3758430.0,	212.9,	342.9,	0.0);	(421714.0, 3758430.0,	225.0,	336.8,
0.0);						
(421764.0, 3758430.0,	235.7,	336.8,	0.0);	(421814.0, 3758430.0,	236.8,	336.8,
0.0);						
(421864.0, 3758430.0,	240.6,	336.8,	0.0);	(421914.0, 3758430.0,	248.0,	336.8,
0.0);						
(421964.0, 3758430.0,	251.0,	336.8,	0.0);	(422014.0, 3758430.0,	257.3,	336.8,
0.0);						
(422064.0, 3758430.0,	260.4,	318.9,	0.0);	(422114.0, 3758430.0,	262.8,	318.9,
0.0);						

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( 421364.0, 3758480.0, 201.8, 342.9, 0.0); ( 421414.0, 3758480.0, 200.4, 342.9,
0.0); ( 421464.0, 3758480.0, 198.7, 342.9, 0.0); ( 421499.8, 3758461.9, 202.2, 342.9,
0.0);
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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** AERMET - VERSION 16216 *** ***
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PAGE 186
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 421564.0, 3758480.0, 202.9, 342.9, 0.0); ( 421614.0, 3758480.0, 211.1, 342.9,
0.0); ( 421664.0, 3758480.0, 217.6, 342.9, 0.0); ( 421714.0, 3758480.0, 223.2, 336.8,
0.0); ( 421764.0, 3758480.0, 230.4, 336.8, 0.0); ( 421814.0, 3758480.0, 235.2, 336.8,
0.0); ( 421864.0, 3758480.0, 241.5, 336.8, 0.0); ( 421914.0, 3758480.0, 246.3, 336.8,
0.0); ( 421964.0, 3758480.0, 252.3, 336.8, 0.0); ( 422014.0, 3758480.0, 257.2, 318.9,
0.0); ( 422064.0, 3758480.0, 261.3, 318.9, 0.0); ( 422114.0, 3758480.0, 263.6, 318.9,
0.0); ( 421414.0, 3758530.0, 201.6, 342.9, 0.0); ( 421464.0, 3758530.0, 201.5, 342.9,
0.0); ( 421514.0, 3758530.0, 202.8, 342.9, 0.0); ( 421564.0, 3758530.0, 203.3, 342.9,
0.0); ( 421614.0, 3758530.0, 207.9, 342.9, 0.0); ( 421664.0, 3758530.0, 217.2, 336.8,
0.0); ( 421714.0, 3758530.0, 224.1, 336.8, 0.0); ( 421764.0, 3758530.0, 222.8, 336.8,
0.0); ( 421814.0, 3758530.0, 217.8, 336.8, 0.0); ( 421864.0, 3758530.0, 229.0, 336.8,
0.0); ( 421914.0, 3758530.0, 228.9, 336.8, 0.0); ( 421964.0, 3758530.0, 232.8, 336.8,
0.0); ( 422014.0, 3758530.0, 240.8, 336.8, 0.0); ( 422064.0, 3758530.0, 246.8, 336.8,
0.0); ( 422114.0, 3758530.0, 256.3, 318.9, 0.0); ( 421414.0, 3758580.0, 204.0, 342.9,
0.0); ( 421452.4, 3758582.6, 202.3, 342.9, 0.0); ( 421514.0, 3758580.0, 202.1, 342.9,
0.0); ( 421564.0, 3758580.0, 205.4, 342.9, 0.0); ( 421614.0, 3758580.0, 206.3, 342.9,
0.0); ( 421664.0, 3758580.0, 208.9, 342.8, 0.0); ( 421714.0, 3758580.0, 210.2, 336.8,
0.0); ( 421764.0, 3758580.0, 213.6, 336.8, 0.0); ( 421814.0, 3758580.0, 214.9, 336.8,
0.0); ( 421864.0, 3758580.0, 220.1, 336.8, 0.0); ( 421914.0, 3758580.0, 222.7, 336.8,
0.0); ( 421964.0, 3758580.0, 228.0, 336.8, 0.0); ( 422014.0, 3758580.0, 234.6, 336.8,
0.0); ( 422064.0, 3758580.0, 245.4, 318.9, 0.0); ( 422114.0, 3758580.0, 246.1, 318.9,
0.0); ( 421214.0, 3758630.0, 223.0, 320.9, 0.0); ( 421476.9, 3758651.9, 203.4, 342.9,
0.0); ( 421514.0, 3758630.0, 203.3, 342.9, 0.0); ( 421564.0, 3758630.0, 200.9, 342.9,
0.0); ( 421614.0, 3758630.0, 206.3, 336.8, 0.0); ( 421664.0, 3758630.0, 206.7, 336.8,
0.0); ( 421714.0, 3758630.0, 208.5, 336.8, 0.0); ( 421764.0, 3758630.0, 212.5, 336.8,
0.0); ( 421814.0, 3758630.0, 214.7, 336.8, 0.0); ( 421864.0, 3758630.0, 217.5, 336.8,
0.0); ( 421914.0, 3758630.0, 220.9, 336.8, 0.0); ( 421964.0, 3758630.0, 231.9, 336.8,
0.0); ( 422014.0, 3758630.0, 235.5, 336.8, 0.0); ( 422064.0, 3758630.0, 241.4, 318.9,
0.0); ( 422114.0, 3758630.0, 247.6, 318.9, 0.0); ( 421164.0, 3758680.0, 222.6, 320.9,
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0.0); ( 421514.0, 3758680.0, 203.5, 336.8, 0.0); ( 421564.0, 3758680.0, 203.9, 336.8,
0.0); ( 421614.0, 3758680.0, 201.1, 342.7, 0.0); ( 421664.0, 3758680.0, 207.3, 336.8,
0.0); ( 421714.0, 3758680.0, 208.3, 336.8, 0.0); ( 421764.0, 3758680.0, 209.4, 336.8,
0.0); ( 421814.0, 3758680.0, 213.2, 336.8, 0.0); ( 421864.0, 3758680.0, 217.8, 336.8,
0.0); ( 421914.0, 3758680.0, 219.8, 336.8, 0.0); ( 421964.0, 3758680.0, 230.9, 336.8,
0.0); ( 422014.0, 3758680.0, 239.8, 318.9, 0.0); ( 422064.0, 3758680.0, 243.8, 318.9,
0.0); ( 422114.0, 3758680.0, 249.0, 318.9, 0.0); ( 421164.0, 3758730.0, 223.1, 320.9,
0.0); ( 421214.0, 3758730.0, 222.2, 320.9, 0.0); ( 421264.0, 3758730.0, 222.5, 320.9,
0.0); ( 421529.5, 3758726.1, 204.1, 336.8, 0.0); ( 421564.0, 3758730.0, 204.3, 336.8,
0.0); ( 421614.0, 3758730.0, 204.4, 336.8, 0.0); ( 421664.0, 3758730.0, 204.3, 336.8,
0.0); ( 421714.0, 3758730.0, 207.9, 336.8, 0.0); ( 421764.0, 3758730.0, 209.6, 336.8,
0.0); ( 421814.0, 3758730.0, 216.6, 336.8, 0.0); ( 421864.0, 3758730.0, 222.7, 336.8,
0.0); ( 421914.0, 3758730.0, 230.2, 336.8, 0.0); ( 421964.0, 3758730.0, 230.7, 336.8,
0.0);

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( 422014.0, 3758730.0, 232.3, 318.9, 0.0); ( 422064.0, 3758730.0, 229.8, 336.8,  
0.0); ( 422114.0, 3758730.0, 245.8, 318.9, 0.0); ( 421114.0, 3758780.0, 229.9, 320.9,  
0.0);
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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** AERMET - VERSION 16216 *** ***
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PAGE 187
*** MODELOPTs:      RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 421164.0, 3758780.0, 223.0, 320.9, 0.0); ( 421214.0, 3758780.0, 223.2, 320.9,
0.0); ( 421264.0, 3758780.0, 221.7, 320.9, 0.0); ( 421614.0, 3758780.0, 204.9, 336.8,
0.0); ( 421664.0, 3758780.0, 203.6, 336.8, 0.0); ( 421714.0, 3758780.0, 207.6, 336.8,
0.0); ( 421764.0, 3758780.0, 209.7, 336.8, 0.0); ( 421814.0, 3758780.0, 216.3, 336.8,
0.0); ( 421864.0, 3758780.0, 216.1, 336.8, 0.0); ( 421914.0, 3758780.0, 230.0, 318.9,
0.0); ( 421964.0, 3758780.0, 229.5, 318.9, 0.0); ( 422014.0, 3758780.0, 234.4, 318.9,
0.0); ( 422064.0, 3758780.0, 235.6, 318.9, 0.0); ( 422114.0, 3758780.0, 240.4, 318.9,
0.0); ( 421114.0, 3758830.0, 225.5, 320.9, 0.0); ( 421164.0, 3758830.0, 223.8, 320.9,
0.0); ( 421214.0, 3758830.0, 223.3, 320.9, 0.0); ( 421675.6, 3758827.4, 205.8, 336.8,
0.0); ( 421714.0, 3758830.0, 203.1, 336.8, 0.0); ( 421764.0, 3758830.0, 205.0, 336.8,
0.0); ( 421814.0, 3758830.0, 215.9, 336.8, 0.0); ( 421864.0, 3758830.0, 215.8, 336.8,
0.0); ( 421914.0, 3758830.0, 216.1, 336.8, 0.0); ( 421964.0, 3758830.0, 228.6, 318.9,
0.0); ( 422014.0, 3758830.0, 227.0, 318.9, 0.0); ( 422064.0, 3758830.0, 237.5, 318.9,
0.0); ( 422114.0, 3758830.0, 238.5, 318.9, 0.0); ( 421114.0, 3758880.0, 226.6, 320.9,
0.0); ( 421164.0, 3758880.0, 225.7, 320.9, 0.0); ( 421214.0, 3758880.0, 224.7, 320.9,
0.0); ( 421732.0, 3758874.8, 204.6, 336.8, 0.0); ( 421764.0, 3758880.0, 207.5, 336.8,
0.0); ( 421814.0, 3758880.0, 211.1, 336.8, 0.0); ( 421864.0, 3758880.0, 216.0, 336.8,
0.0); ( 421914.0, 3758880.0, 215.9, 336.8, 0.0); ( 421964.0, 3758880.0, 217.6, 318.9,
0.0); ( 422014.0, 3758880.0, 218.4, 318.9, 0.0); ( 422064.0, 3758880.0, 228.8, 318.9,
0.0); ( 422114.0, 3758880.0, 239.3, 318.7, 0.0); ( 421114.0, 3758930.0, 227.4, 320.9,
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0.0); ( 421964.0, 3758930.0, 217.9, 318.9, 0.0); ( 422014.0, 3758930.0, 217.2, 318.9,
0.0); ( 422064.0, 3758930.0, 218.8, 318.9, 0.0); ( 422114.0, 3758930.0, 222.6, 318.9,
0.0); ( 421114.0, 3758980.0, 227.6, 320.9, 0.0); ( 421264.0, 3758980.0, 263.6, 263.6,
0.0); ( 421314.0, 3758980.0, 263.2, 263.2, 0.0); ( 421864.0, 3758980.0, 211.5, 318.9,
0.0); ( 421914.0, 3758980.0, 211.8, 318.9, 0.0); ( 422014.0, 3758980.0, 217.3, 318.9,
0.0); ( 422064.0, 3758980.0, 220.5, 318.9, 0.0); ( 422114.0, 3758980.0, 223.5, 318.9,
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0.0); ( 421914.0, 3759030.0, 214.5, 318.9, 0.0); ( 421964.0, 3759030.0, 214.3, 318.9,
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0.0); ( 421164.0, 3759080.0, 265.8, 297.3, 0.0); ( 421214.0, 3759080.0, 262.0, 297.3,
0.0); ( 421264.0, 3759080.0, 261.6, 297.3, 0.0); ( 421814.0, 3759080.0, 209.1, 318.9,
0.0); ( 421864.0, 3759080.0, 207.0, 318.9, 0.0); ( 421914.0, 3759080.0, 214.1, 318.9,
0.0); ( 421964.0, 3759080.0, 213.7, 318.9, 0.0); ( 422014.0, 3759080.0, 213.9, 318.9,
0.0); ( 422064.0, 3759080.0, 218.6, 318.7, 0.0); ( 422114.0, 3759080.0, 220.5, 318.7,
0.0); ( 421114.0, 3759130.0, 268.9, 297.3, 0.0); ( 421164.0, 3759130.0, 268.5, 297.3,
0.0); ( 421214.0, 3759130.0, 263.7, 297.3, 0.0); ( 421264.0, 3759130.0, 259.6, 297.3,
0.0); ( 421814.0, 3759130.0, 209.3, 317.0, 0.0); ( 421864.0, 3759130.0, 209.3, 318.7,
0.0); ( 421914.0, 3759130.0, 207.3, 318.9, 0.0); ( 421964.0, 3759130.0, 213.7, 317.0,
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0.0); ( 422114.0, 3759130.0, 213.4, 318.7, 0.0);

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000291	421403.7 3758283.9	-2.03
L0000295	421464.0 3758330.0	-6.03
L0000297	421464.0 3758380.0	-3.21
L0000298	421464.0 3758380.0	-1.27
L0000301	421521.7 3758427.4	-3.65
L0000313	421452.4 3758582.6	-2.67
L0000317	421476.9 3758651.9	0.21
L0000110	421414.0 3758580.0	-12.57
L0000111	421414.0 3758580.0	-3.80
L0000114	421364.0 3758480.0	-11.95
L0000117	421314.0 3758380.0	-1.07
L0000118	421314.0 3758380.0	-4.38
L0000123	421214.0 3758230.0	-4.00
L0000124	421214.0 3758230.0	-1.40
L0000125	421164.0 3758180.0	-3.26
L0000126	421164.0 3758180.0	-12.73
L0000128	421114.0 3758130.0	-16.71
L0000411	421476.9 3758651.9	0.07
L0000411	421480.8 3758680.0	-11.58
L0000412	421480.8 3758680.0	-7.32
L0000413	421529.5 3758726.1	-1.88
L0000414	421529.5 3758726.1	-12.41
L0000417	421614.0 3758780.0	-11.56
L0000419	421675.6 3758827.4	-7.60
L0000420	421675.6 3758827.4	-11.13
L0000422	421732.0 3758874.8	-7.67
L0000407	421732.0 3758874.8	-2.32

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_v9.SFC Met Version:
 16216
 Profile file: PICO_V9_ADJU\PICO_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3166 Upper air station no.: 3190
 Name: PICO RIVERA Name: UNKNOWN
 Year: 2010 Year: 2010

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
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5			
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5			
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5			
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5			
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5			
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5			
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5			
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5			
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5			
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5			
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5			
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5			
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5			
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5			
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5			
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5			
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5			
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5			
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5			
10	01	01	1	20	-11.8	0.154	-9.000	-9.000	-999.	144.	27.8	0.34	0.73	1.00	1.30	25.	9.1	287.0	5.5			
10	01	01	1	21	-21.6	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	343.	9.1	285.9	5.5			
10	01	01	1	22	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	332.	9.1	284.9	5.5			
10	01	01	1	23	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	178.	9.1	284.2	5.5			
10	01	01	1	24	-11.8	0.154	-9.000	-9.000	-999.	145.	27.6	0.34	0.73	1.00	1.30	28.	9.1	283.1	5.5			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	283.8	99.0	-99.00	-99.00	-99.00
10	01	01	01	9.1	1	321.	3.10	-999.0	99.0	-99.00	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1 ***
 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
421114.00	3758130.00	2.12890	421164.00	3758130.00	3.48869
421214.00	3758130.00	7.01295	421164.00	3758180.00	3.50541
421214.00	3758180.00	6.95063	421264.00	3758180.00	19.35187
421614.00	3758180.00	0.94627	421664.00	3758180.00	0.66164
421714.00	3758180.00	0.49331	421764.00	3758180.00	0.39940
421864.00	3758180.00	0.25515	421914.00	3758180.00	0.21654
421964.00	3758180.00	0.17828	422064.00	3758180.00	0.12001
422114.00	3758180.00	0.10549	421214.00	3758230.00	5.31873
421264.00	3758230.00	10.29309	421314.00	3758230.00	23.29973
421614.00	3758230.00	1.21426	421664.00	3758230.00	0.82462
421714.00	3758230.00	0.60814	421764.00	3758230.00	0.46053
421814.00	3758230.00	0.37219	421864.00	3758230.00	0.29851
421914.00	3758230.00	0.24009	421964.00	3758230.00	0.19632
422014.00	3758230.00	0.16442	422114.00	3758230.00	0.11385
421264.00	3758280.00	6.66955	421314.00	3758280.00	12.12883
421403.69	3758283.87	32.90584	421464.00	3758280.00	20.60922
421664.00	3758280.00	1.04579	421714.00	3758280.00	0.77170
421764.00	3758280.00	0.58443	421814.00	3758280.00	0.44257
421864.00	3758280.00	0.33809	421914.00	3758280.00	0.26664
421964.00	3758280.00	0.21304	422014.00	3758280.00	0.17882
422064.00	3758280.00	0.15106	422114.00	3758280.00	0.12889
421314.00	3758330.00	6.73347	421364.00	3758330.00	9.86907
421414.00	3758330.00	11.74326	421464.00	3758330.00	9.75409
421714.00	3758330.00	0.90896	421764.00	3758330.00	0.68168
421814.00	3758330.00	0.51312	421864.00	3758330.00	0.36845
421914.00	3758330.00	0.30131	421964.00	3758330.00	0.24352
422014.00	3758330.00	0.19318	422064.00	3758330.00	0.16338
422114.00	3758330.00	0.14034	421314.00	3758380.00	4.17293
421364.00	3758380.00	5.29757	421414.00	3758380.00	5.73909
421464.00	3758380.00	5.67911	421514.00	3758380.00	4.64213
421614.00	3758380.00	2.52648	421714.00	3758380.00	1.06309
421764.00	3758380.00	0.77268	421814.00	3758380.00	0.60845
421864.00	3758380.00	0.44744	421914.00	3758380.00	0.33524
421964.00	3758380.00	0.27979	422014.00	3758380.00	0.22440
422064.00	3758380.00	0.18169	422114.00	3758380.00	0.15226
421364.00	3758430.00	3.36722	421414.00	3758430.00	3.69785
421464.00	3758430.00	3.66593	421521.73	3758427.42	3.22742
421564.00	3758430.00	2.70117	421614.00	3758430.00	2.14729
421664.00	3758430.00	1.65680	421714.00	3758430.00	1.18131
421764.00	3758430.00	0.82556	421814.00	3758430.00	0.65168

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1 ***
 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
421864.00	3758430.00	0.50570	421914.00	3758430.00	0.38537
421964.00	3758430.00	0.31159	422014.00	3758430.00	0.24987
422064.00	3758430.00	0.20808	422114.00	3758430.00	0.17641
421364.00	3758480.00	2.34477	421414.00	3758480.00	2.52692
421464.00	3758480.00	2.52189	421499.82	3758461.95	2.73658
421564.00	3758480.00	2.08775	421614.00	3758480.00	1.75833
421664.00	3758480.00	1.40869	421714.00	3758480.00	1.10707
421764.00	3758480.00	0.84487	421814.00	3758480.00	0.66067
421864.00	3758480.00	0.51326	421914.00	3758480.00	0.40928
421964.00	3758480.00	0.32740	422014.00	3758480.00	0.26752
422064.00	3758480.00	0.22247	422114.00	3758480.00	0.18880
421414.00	3758530.00	1.84597	421464.00	3758530.00	1.87070
421514.00	3758530.00	1.79694	421564.00	3758530.00	1.64097
421614.00	3758530.00	1.44868	421664.00	3758530.00	1.20878
421714.00	3758530.00	0.97938	421764.00	3758530.00	0.84257
421814.00	3758530.00	0.73882	421864.00	3758530.00	0.57415
421914.00	3758530.00	0.49034	421964.00	3758530.00	0.40309
422014.00	3758530.00	0.31882	422064.00	3758530.00	0.25985
422114.00	3758530.00	0.20903	421414.00	3758580.00	1.40858
421452.40	3758582.58	1.41449	421514.00	3758580.00	1.39758
421564.00	3758580.00	1.31485	421614.00	3758580.00	1.19465
421664.00	3758580.00	1.05909	421714.00	3758580.00	0.92686
421764.00	3758580.00	0.80053	421814.00	3758580.00	0.69206
421864.00	3758580.00	0.58599	421914.00	3758580.00	0.50096
421964.00	3758580.00	0.41796	422014.00	3758580.00	0.34239
422064.00	3758580.00	0.26987	422114.00	3758580.00	0.23513
421214.00	3758630.00	0.66897	421476.89	3758651.92	1.03096
421514.00	3758630.00	1.11817	421564.00	3758630.00	1.06488
421614.00	3758630.00	0.99354	421664.00	3758630.00	0.90400
421714.00	3758630.00	0.81017	421764.00	3758630.00	0.71623
421814.00	3758630.00	0.63091	421864.00	3758630.00	0.55201
421914.00	3758630.00	0.48025	421964.00	3758630.00	0.39044
422014.00	3758630.00	0.33420	422064.00	3758630.00	0.28047
422114.00	3758630.00	0.23555	421164.00	3758680.00	0.51247
421214.00	3758680.00	0.58112	421480.76	3758680.00	0.91933
421514.00	3758680.00	0.91288	421564.00	3758680.00	0.88360
421614.00	3758680.00	0.83248	421664.00	3758680.00	0.77407
421714.00	3758680.00	0.70704	421764.00	3758680.00	0.63958
421814.00	3758680.00	0.57261	421864.00	3758680.00	0.50700
421914.00	3758680.00	0.45141	421964.00	3758680.00	0.37505

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1 ***
 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
422014.00	3758680.00	0.31090	422064.00	3758680.00	0.26948
422114.00	3758680.00	0.23210	421164.00	3758730.00	0.44979
421214.00	3758730.00	0.50535	421264.00	3758730.00	0.55605
421529.47	3758726.13	0.76605	421564.00	3758730.00	0.74212
421614.00	3758730.00	0.71011	421664.00	3758730.00	0.66746
421714.00	3758730.00	0.61914	421764.00	3758730.00	0.56804
421814.00	3758730.00	0.51041	421864.00	3758730.00	0.45215
421914.00	3758730.00	0.39007	421964.00	3758730.00	0.35392
422014.00	3758730.00	0.31750	422064.00	3758730.00	0.29458
422114.00	3758730.00	0.23316	421114.00	3758780.00	0.33274
421164.00	3758780.00	0.39975	421214.00	3758780.00	0.43864
421264.00	3758780.00	0.48536	421614.00	3758780.00	0.61014
421664.00	3758780.00	0.57943	421714.00	3758780.00	0.54464
421764.00	3758780.00	0.50549	421814.00	3758780.00	0.46029
421864.00	3758780.00	0.42490	421914.00	3758780.00	0.36106
421964.00	3758780.00	0.33374	422014.00	3758780.00	0.29459
422064.00	3758780.00	0.26791	422114.00	3758780.00	0.23596
421114.00	3758830.00	0.31822	421164.00	3758830.00	0.35442
421214.00	3758830.00	0.38757	421675.60	3758827.42	0.50574
421714.00	3758830.00	0.48090	421764.00	3758830.00	0.45273
421814.00	3758830.00	0.41569	421864.00	3758830.00	0.38740
421914.00	3758830.00	0.35931	421964.00	3758830.00	0.31258
422014.00	3758830.00	0.29326	422064.00	3758830.00	0.25011
422114.00	3758830.00	0.22979	421114.00	3758880.00	0.28553
421164.00	3758880.00	0.31317	421214.00	3758880.00	0.34113
421732.05	3758874.84	0.42540	421764.00	3758880.00	0.40593
421814.00	3758880.00	0.38055	421864.00	3758880.00	0.35286
421914.00	3758880.00	0.33042	421964.00	3758880.00	0.30696
422014.00	3758880.00	0.28558	422064.00	3758880.00	0.25289
422114.00	3758880.00	0.21705	421114.00	3758930.00	0.25867
421164.00	3758930.00	0.28227	421914.00	3758930.00	0.30285
421964.00	3758930.00	0.28404	422014.00	3758930.00	0.26716
422064.00	3758930.00	0.24945	422114.00	3758930.00	0.23062
421114.00	3758980.00	0.23682	421264.00	3758980.00	0.21189
421314.00	3758980.00	0.22467	421864.00	3758980.00	0.29824
421914.00	3758980.00	0.28228	422014.00	3758980.00	0.24885
422064.00	3758980.00	0.23250	422114.00	3758980.00	0.21656
421214.00	3759030.00	0.18168	421264.00	3759030.00	0.19303
421314.00	3759030.00	0.20257	421864.00	3759030.00	0.27372
421914.00	3759030.00	0.25930	421964.00	3759030.00	0.24647

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1 ***
 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
422014.00	3759030.00	0.23355	422114.00	3759030.00	0.20580
421164.00	3759080.00	0.15502	421214.00	3759080.00	0.16720
421264.00	3759080.00	0.17664	421814.00	3759080.00	0.26338
421864.00	3759080.00	0.25334	421914.00	3759080.00	0.23996
421964.00	3759080.00	0.22920	422014.00	3759080.00	0.21820
422064.00	3759080.00	0.20539	422114.00	3759080.00	0.19431
421114.00	3759130.00	0.13340	421164.00	3759130.00	0.14177
421214.00	3759130.00	0.15265	421264.00	3759130.00	0.16376
421814.00	3759130.00	0.24198	421864.00	3759130.00	0.23332
421914.00	3759130.00	0.22451	421964.00	3759130.00	0.21336
422014.00	3759130.00	0.20404	422064.00	3759130.00	0.19449
422114.00	3759130.00	0.18577			

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON2 ***
 INCLUDING SOURCE(S): L0000065 , L0000066 , L0000067 , L0000068 ,
 L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
 L0000077 , L0000078 ,

*** 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
421114.00	3758130.00	6.73630	421164.00	3758130.00	10.05794
421214.00	3758130.00	16.05692	421164.00	3758180.00	10.60883
421214.00	3758180.00	18.08400	421264.00	3758180.00	40.58237
421614.00	3758180.00	3.20229	421664.00	3758180.00	2.29241
421714.00	3758180.00	1.73367	421764.00	3758180.00	1.41353
421864.00	3758180.00	0.91499	421914.00	3758180.00	0.77886
421964.00	3758180.00	0.64349	422064.00	3758180.00	0.43543
422114.00	3758180.00	0.38319	421214.00	3758230.00	16.51816
421264.00	3758230.00	31.47907	421314.00	3758230.00	72.04279
421614.00	3758230.00	4.03010	421664.00	3758230.00	2.82427
421714.00	3758230.00	2.11770	421764.00	3758230.00	1.62300
421814.00	3758230.00	1.31958	421864.00	3758230.00	1.06527
421914.00	3758230.00	0.86201	421964.00	3758230.00	0.70775
422014.00	3758230.00	0.59432	422114.00	3758230.00	0.41335
421264.00	3758280.00	22.90285	421314.00	3758280.00	41.97378
421403.69	3758283.87	216.01169	421464.00	3758280.00	66.76419
421664.00	3758280.00	3.52546	421714.00	3758280.00	2.65194
421764.00	3758280.00	2.03613	421814.00	3758280.00	1.55944
421864.00	3758280.00	1.20269	421914.00	3758280.00	0.95539
421964.00	3758280.00	0.76709	422014.00	3758280.00	0.64574
422064.00	3758280.00	0.54687	422114.00	3758280.00	0.46753
421314.00	3758330.00	25.13992	421364.00	3758330.00	39.44009
421414.00	3758330.00	53.36445	421464.00	3758330.00	39.71483
421714.00	3758330.00	3.11816	421764.00	3758330.00	2.36926
421814.00	3758330.00	1.80279	421864.00	3758330.00	1.31028
421914.00	3758330.00	1.07671	421964.00	3758330.00	0.87457
422014.00	3758330.00	0.69693	422064.00	3758330.00	0.59095
422114.00	3758330.00	0.50865	421314.00	3758380.00	15.96608
421364.00	3758380.00	21.14182	421414.00	3758380.00	23.52072
421464.00	3758380.00	22.80554	421514.00	3758380.00	17.40266
421614.00	3758380.00	8.93823	421714.00	3758380.00	3.68944
421764.00	3758380.00	2.70218	421814.00	3758380.00	2.14363
421864.00	3758380.00	1.58582	421914.00	3758380.00	1.19694
421964.00	3758380.00	1.00212	422014.00	3758380.00	0.80755
422064.00	3758380.00	0.65622	422114.00	3758380.00	0.55136
421364.00	3758430.00	13.21841	421414.00	3758430.00	14.74536
421464.00	3758430.00	14.43188	421521.73	3758427.42	12.24549
421564.00	3758430.00	9.98578	421614.00	3758430.00	7.77783
421664.00	3758430.00	6.00088	421714.00	3758430.00	4.22147
421764.00	3758430.00	2.92685	421814.00	3758430.00	2.31678

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON2 ***
INCLUDING SOURCE(S): L0000065 , L0000066 , L0000067 , L0000068 ,
L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
L0000077 ,
L0000078 ,

*** 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
-----
421864.00 3758430.00 1.80180 421914.00 3758430.00 1.37664
421964.00 3758430.00 1.11646 422014.00 3758430.00 0.89858
422064.00 3758430.00 0.75027 422114.00 3758430.00 0.63744
421364.00 3758480.00 9.08066 421414.00 3758480.00 9.87196
421464.00 3758480.00 9.81734 421499.82 3758461.95 10.52665
421564.00 3758480.00 7.82025 421614.00 3758480.00 6.51194
421664.00 3758480.00 5.17508 421714.00 3758480.00 4.02758
421764.00 3758480.00 3.04602 421814.00 3758480.00 2.37435
421864.00 3758480.00 1.84172 421914.00 3758480.00 1.46938
421964.00 3758480.00 1.17713 422014.00 3758480.00 0.96375
422064.00 3758480.00 0.80291 422114.00 3758480.00 0.68243
421414.00 3758530.00 7.11330 421464.00 3758530.00 7.19298
421514.00 3758530.00 6.84327 421564.00 3758530.00 6.17307
421614.00 3758530.00 5.39026 421664.00 3758530.00 4.48598
421714.00 3758530.00 3.59795 421764.00 3758530.00 3.09156
421814.00 3758530.00 2.71868 421864.00 3758530.00 2.09027
421914.00 3758530.00 1.78526 421964.00 3758530.00 1.46465
422014.00 3758530.00 1.15449 422064.00 3758530.00 0.93985
422114.00 3758530.00 0.75614 421414.00 3758580.00 5.38424
421452.40 3758582.58 5.39789 421514.00 3758580.00 5.30416
421564.00 3758580.00 4.94391 421614.00 3758580.00 4.44795
421664.00 3758580.00 3.92922 421714.00 3758580.00 3.42233
421764.00 3758580.00 2.95882 421814.00 3758580.00 2.55514
421864.00 3758580.00 2.16336 421914.00 3758580.00 1.84279
421964.00 3758580.00 1.52998 422014.00 3758580.00 1.24880
422064.00 3758580.00 0.97978 422114.00 3758580.00 0.85378
421214.00 3758630.00 2.51818 421476.89 3758651.92 3.90185
421514.00 3758630.00 4.22851 421564.00 3758630.00 4.00759
421614.00 3758630.00 3.70637 421664.00 3758630.00 3.34866
421714.00 3758630.00 2.99768 421764.00 3758630.00 2.65492
421814.00 3758630.00 2.33577 421864.00 3758630.00 2.04527
421914.00 3758630.00 1.77577 421964.00 3758630.00 1.43230
422014.00 3758630.00 1.22305 422064.00 3758630.00 1.02336
422114.00 3758630.00 0.85748 421164.00 3758680.00 1.91888
421214.00 3758680.00 2.18569 421480.76 3758680.00 3.47136
421514.00 3758680.00 3.44146 421564.00 3758680.00 3.31807
421614.00 3758680.00 3.11407 421664.00 3758680.00 2.87899
421714.00 3758680.00 2.62167 421764.00 3758680.00 2.36360
421814.00 3758680.00 2.12246 421864.00 3758680.00 1.88154
421914.00 3758680.00 1.67441 421964.00 3758680.00 1.38117

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON2 ***
 INCLUDING SOURCE(S): L0000065 , L0000066 , L0000067 , L0000068 ,
 L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
 L0000077 , L0000078 ,

*** 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
422014.00	3758680.00	1.13927	422064.00	3758680.00	0.98533
422114.00	3758680.00	0.84704	421164.00	3758730.00	1.68365
421214.00	3758730.00	1.89876	421264.00	3758730.00	2.09865
421529.47	3758726.13	2.87770	421564.00	3758730.00	2.78145
421614.00	3758730.00	2.65147	421664.00	3758730.00	2.48238
421714.00	3758730.00	2.29883	421764.00	3758730.00	2.10249
421814.00	3758730.00	1.89946	421864.00	3758730.00	1.67814
421914.00	3758730.00	1.44206	421964.00	3758730.00	1.30691
422014.00	3758730.00	1.17066	422064.00	3758730.00	1.08611
422114.00	3758730.00	0.85383	421114.00	3758780.00	1.24319
421164.00	3758780.00	1.49554	421214.00	3758780.00	1.64719
421264.00	3758780.00	1.82730	421614.00	3758780.00	2.27641
421664.00	3758780.00	2.15780	421714.00	3758780.00	2.02217
421764.00	3758780.00	1.87335	421814.00	3758780.00	1.71373
421864.00	3758780.00	1.57814	421914.00	3758780.00	1.33721
421964.00	3758780.00	1.23512	422014.00	3758780.00	1.08750
422064.00	3758780.00	0.98785	422114.00	3758780.00	0.86782
421114.00	3758830.00	1.18770	421164.00	3758830.00	1.32564
421214.00	3758830.00	1.45401	421675.60	3758827.42	1.87833
421714.00	3758830.00	1.78639	421764.00	3758830.00	1.67327
421814.00	3758830.00	1.54684	421864.00	3758830.00	1.43957
421914.00	3758830.00	1.33407	421964.00	3758830.00	1.15842
422014.00	3758830.00	1.08639	422064.00	3758830.00	0.92305
422114.00	3758830.00	0.84726	421114.00	3758880.00	1.06664
421164.00	3758880.00	1.17194	421214.00	3758880.00	1.27955
421732.05	3758874.84	1.57626	421764.00	3758880.00	1.50412
421814.00	3758880.00	1.41201	421864.00	3758880.00	1.31149
421914.00	3758880.00	1.22685	421964.00	3758880.00	1.14032
422014.00	3758880.00	1.06182	422064.00	3758880.00	0.93666
422114.00	3758880.00	0.80109	421114.00	3758930.00	0.96633
421164.00	3758930.00	1.05612	421914.00	3758930.00	1.12579
421964.00	3758930.00	1.05481	422014.00	3758930.00	0.99218
422064.00	3758930.00	0.92706	422114.00	3758930.00	0.85541
421114.00	3758980.00	0.88442	421264.00	3758980.00	0.78338
421314.00	3758980.00	0.83125	421864.00	3758980.00	1.10639
421914.00	3758980.00	1.04560	422014.00	3758980.00	0.92399
422064.00	3758980.00	0.86333	422114.00	3758980.00	0.80333
421214.00	3759030.00	0.67048	421264.00	3759030.00	0.71292
421314.00	3759030.00	0.74864	421864.00	3759030.00	1.01558
421914.00	3759030.00	0.96174	421964.00	3759030.00	0.91325

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PAGE 198
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON2 ***
INCLUDING SOURCE(S): L0000065 , L0000066 , L0000067 , L0000068 ,
L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
L0000077 ,
L0000078 ,

*** 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
-----
422014.00 3759030.00 0.86480 422114.00 3759030.00 0.76377
421164.00 3759080.00 0.57128 421214.00 3759080.00 0.61670
421264.00 3759080.00 0.65188 421814.00 3759080.00 0.97582
421864.00 3759080.00 0.93479 421914.00 3759080.00 0.89034
421964.00 3759080.00 0.84953 422014.00 3759080.00 0.80820
422064.00 3759080.00 0.76265 422114.00 3759080.00 0.72100
421114.00 3759130.00 0.49091 421164.00 3759130.00 0.52236
421214.00 3759130.00 0.56279 421264.00 3759130.00 0.60412
421814.00 3759130.00 0.89661 421864.00 3759130.00 0.86331
421914.00 3759130.00 0.82781 421964.00 3759130.00 0.79007
422014.00 3759130.00 0.75499 422064.00 3759130.00 0.71958
422114.00 3759130.00 0.68646

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1 ***
 INCLUDING SOURCE(S): L0000291 , L0000292 , L0000293 , L0000294 ,
 L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 ,
 L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 ,
 L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 ,
 L0000319 ,

*** 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
421114.00	3758130.00	0.62723	421164.00	3758130.00	0.73586
421214.00	3758130.00	0.85335	421164.00	3758180.00	0.84763
421214.00	3758180.00	1.03593	421264.00	3758180.00	1.30648
421614.00	3758180.00	0.45858	421664.00	3758180.00	0.38584
421714.00	3758180.00	0.32624	421764.00	3758180.00	0.28770
421864.00	3758180.00	0.20693	421914.00	3758180.00	0.18203
421964.00	3758180.00	0.15450	422064.00	3758180.00	0.10902
422114.00	3758180.00	0.09695	421214.00	3758230.00	1.21729
421264.00	3758230.00	1.61764	421314.00	3758230.00	2.32019
421614.00	3758230.00	0.61489	421664.00	3758230.00	0.49531
421714.00	3758230.00	0.40884	421764.00	3758230.00	0.33630
421814.00	3758230.00	0.28751	421864.00	3758230.00	0.24139
421914.00	3758230.00	0.20104	421964.00	3758230.00	0.16860
422014.00	3758230.00	0.14390	422114.00	3758230.00	0.10243
421264.00	3758280.00	1.91748	421314.00	3758280.00	2.96337
421403.69	3758283.87	15.32620	421464.00	3758280.00	13.99371
421664.00	3758280.00	0.64471	421714.00	3758280.00	0.52192
421764.00	3758280.00	0.42364	421814.00	3758280.00	0.33903
421864.00	3758280.00	0.27083	421914.00	3758280.00	0.22038
421964.00	3758280.00	0.18004	422014.00	3758280.00	0.15365
422064.00	3758280.00	0.13142	422114.00	3758280.00	0.11314
421314.00	3758330.00	3.29467	421364.00	3758330.00	6.30055
421414.00	3758330.00	19.88271	421464.00	3758330.00	29.13326
421714.00	3758330.00	0.64826	421764.00	3758330.00	0.50498
421814.00	3758330.00	0.39351	421864.00	3758330.00	0.29244
421914.00	3758330.00	0.24512	421964.00	3758330.00	0.20199
422014.00	3758330.00	0.16279	422064.00	3758330.00	0.13942
422114.00	3758330.00	0.12095	421314.00	3758380.00	3.40956
421364.00	3758380.00	5.75078	421414.00	3758380.00	11.04808
421464.00	3758380.00	21.49681	421514.00	3758380.00	23.06312
421614.00	3758380.00	3.49849	421714.00	3758380.00	0.87201
421764.00	3758380.00	0.61650	421814.00	3758380.00	0.48423
421864.00	3758380.00	0.35737	421914.00	3758380.00	0.27143
421964.00	3758380.00	0.22971	422014.00	3758380.00	0.18662
422064.00	3758380.00	0.15292	422114.00	3758380.00	0.12960
421364.00	3758430.00	5.68548	421414.00	3758430.00	10.17940
421464.00	3758430.00	22.20753	421521.73	3758427.42	31.49824
421564.00	3758430.00	12.85335	421614.00	3758430.00	5.24991
421664.00	3758430.00	2.57178	421714.00	3758430.00	1.27008
421764.00	3758430.00	0.75969	421814.00	3758430.00	0.56849

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
11/07/20
*** AERMET - VERSION 16216 *** ***
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PAGE 200
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1 ***
INCLUDING SOURCE(S): L0000291 , L0000292 , L0000293 , L0000294 ,
L0000295 ,
L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 ,
L0000303 ,
L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 ,
L0000311 ,
L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 ,
L0000319 ,

*** 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
- - - - -
421864.00 3758430.00 0.42629 421914.00 3758430.00 0.31991
421964.00 3758430.00 0.25828 422014.00 3758430.00 0.20805
422064.00 3758430.00 0.17457 422114.00 3758430.00 0.14942
421364.00 3758480.00 6.27601 421414.00 3758480.00 13.27732
421464.00 3758480.00 30.70548 421499.82 3758461.95 45.58720
421564.00 3758480.00 16.21828 421614.00 3758480.00 5.42745
421664.00 3758480.00 2.64698 421714.00 3758480.00 1.53467
421764.00 3758480.00 0.95173 421814.00 3758480.00 0.66141
421864.00 3758480.00 0.47544 421914.00 3758480.00 0.36247
421964.00 3758480.00 0.28280 422014.00 3758480.00 0.22817
422064.00 3758480.00 0.18904 422114.00 3758480.00 0.16088
421414.00 3758530.00 22.41890 421464.00 3758530.00 49.62625
421514.00 3758530.00 22.58058 421564.00 3758530.00 11.79463
421614.00 3758530.00 5.89081 421664.00 3758530.00 2.90860
421714.00 3758530.00 1.67312 421764.00 3758530.00 1.22522
421814.00 3758530.00 1.01162 421864.00 3758530.00 0.63163
421914.00 3758530.00 0.50580 421964.00 3758530.00 0.38720
422014.00 3758530.00 0.28842 422064.00 3758530.00 0.22894
422114.00 3758530.00 0.18238 421414.00 3758580.00 14.89184
421452.40 3758582.58 33.12404 421514.00 3758580.00 20.33878
421564.00 3758580.00 9.27549 421614.00 3758580.00 5.42760
421664.00 3758580.00 3.35432 421714.00 3758580.00 2.24487
421764.00 3758580.00 1.53710 421814.00 3758580.00 1.12958
421864.00 3758580.00 0.80017 421914.00 3758580.00 0.60955
421964.00 3758580.00 0.45430 422014.00 3758580.00 0.34077
422064.00 3758580.00 0.25243 422114.00 3758580.00 0.21416
421214.00 3758630.00 0.94329 421476.89 3758651.92 25.73120
421514.00 3758630.00 23.44441 421564.00 3758630.00 8.15511
421614.00 3758630.00 4.77967 421664.00 3758630.00 3.18510
421714.00 3758630.00 2.21649 421764.00 3758630.00 1.56010
421814.00 3758630.00 1.15632 421864.00 3758630.00 0.87008
421914.00 3758630.00 0.66174 421964.00 3758630.00 0.45745
422014.00 3758630.00 0.36163 422064.00 3758630.00 0.28401
422114.00 3758630.00 0.22791 421164.00 3758680.00 0.67572
421214.00 3758680.00 0.86601 421480.76 3758680.00 14.81764
421514.00 3758680.00 10.89081 421564.00 3758680.00 6.34835
421614.00 3758680.00 4.04001 421664.00 3758680.00 2.83527
421714.00 3758680.00 2.06783 421764.00 3758680.00 1.55480
421814.00 3758680.00 1.16489 421864.00 3758680.00 0.87662
421914.00 3758680.00 0.69172 421964.00 3758680.00 0.48681

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1 ***
 INCLUDING SOURCE(S): L0000291 , L0000292 , L0000293 , L0000294 ,
 L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 ,
 L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 ,
 L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 ,
 L0000319 ,

*** 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
422014.00	3758680.00	0.36478	422064.00	3758680.00	0.29566
422114.00	3758680.00	0.24144	421164.00	3758730.00	0.61015
421214.00	3758730.00	0.77564	421264.00	3758730.00	0.99282
421529.47	3758726.13	5.43712	421564.00	3758730.00	4.35388
421614.00	3758730.00	3.23490	421664.00	3758730.00	2.43058
421714.00	3758730.00	1.86332	421764.00	3758730.00	1.44607
421814.00	3758730.00	1.08177	421864.00	3758730.00	0.81226
421914.00	3758730.00	0.60588	421964.00	3758730.00	0.50215
422014.00	3758730.00	0.41444	422064.00	3758730.00	0.36456
422114.00	3758730.00	0.26164	421114.00	3758780.00	0.40249
421164.00	3758780.00	0.55392	421214.00	3758780.00	0.67381
421264.00	3758780.00	0.87254	421614.00	3758780.00	2.47740
421664.00	3758780.00	2.00327	421714.00	3758780.00	1.62399
421764.00	3758780.00	1.30990	421814.00	3758780.00	1.02018
421864.00	3758780.00	0.84679	421914.00	3758780.00	0.60232
421964.00	3758780.00	0.51198	422014.00	3758780.00	0.41123
422064.00	3758780.00	0.34817	422114.00	3758780.00	0.28574
421114.00	3758830.00	0.40406	421164.00	3758830.00	0.49262
421214.00	3758830.00	0.59718	421675.60	3758827.42	1.58390
421714.00	3758830.00	1.37622	421764.00	3758830.00	1.15860
421814.00	3758830.00	0.93864	421864.00	3758830.00	0.79704
421914.00	3758830.00	0.67751	421964.00	3758830.00	0.50897
422014.00	3758830.00	0.44755	422064.00	3758830.00	0.34491
422114.00	3758830.00	0.29767	421114.00	3758880.00	0.36291
421164.00	3758880.00	0.43072	421214.00	3758880.00	0.51829
421732.05	3758874.84	1.12264	421764.00	3758880.00	1.01330
421814.00	3758880.00	0.87071	421864.00	3758880.00	0.73215
421914.00	3758880.00	0.63670	421964.00	3758880.00	0.54716
422014.00	3758880.00	0.47482	422064.00	3758880.00	0.37631
422114.00	3758880.00	0.29630	421114.00	3758930.00	0.32946
421164.00	3758930.00	0.38896	421914.00	3758930.00	0.58436
421964.00	3758930.00	0.51369	422014.00	3758930.00	0.45754
422064.00	3758930.00	0.40141	422114.00	3758930.00	0.34594
421114.00	3758980.00	0.30356	421264.00	3758980.00	0.33619
421314.00	3758980.00	0.39467	421864.00	3758980.00	0.61278
421914.00	3758980.00	0.54987	422014.00	3758980.00	0.43073
422064.00	3758980.00	0.37826	422114.00	3758980.00	0.33220
421214.00	3759030.00	0.26007	421264.00	3759030.00	0.30114
421314.00	3759030.00	0.34457	421864.00	3759030.00	0.54823
421914.00	3759030.00	0.49330	421964.00	3759030.00	0.44932

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL1 ***
 INCLUDING SOURCE(S): L0000291 , L0000292 , L0000293 , L0000294 ,
 L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 ,
 L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 ,
 L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 ,
 L0000319 ,

*** 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
422014.00	3759030.00	0.40780	422114.00	3759030.00	0.32336
421164.00	3759080.00	0.20559	421214.00	3759080.00	0.23759
421264.00	3759080.00	0.27026	421814.00	3759080.00	0.53296
421864.00	3759080.00	0.49305	421914.00	3759080.00	0.44781
421964.00	3759080.00	0.41291	422014.00	3759080.00	0.37912
422064.00	3759080.00	0.33991	422114.00	3759080.00	0.30828
421114.00	3759130.00	0.16675	421164.00	3759130.00	0.18861
421214.00	3759130.00	0.21550	421264.00	3759130.00	0.24478
421814.00	3759130.00	0.47214	421864.00	3759130.00	0.44230
421914.00	3759130.00	0.41164	421964.00	3759130.00	0.37771
422014.00	3759130.00	0.35062	422064.00	3759130.00	0.32331
422114.00	3759130.00	0.30057			

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
11/07/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0000108 , L0000109 , L0000110 , L0000111 ,
L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,
L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,
L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 ,
L0000135 , . . . ,

*** 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
- - - - -
421114.00 3758130.00 9.26179 421164.00 3758130.00 5.89995
421214.00 3758130.00 3.07026 421164.00 3758180.00 6.15511
421214.00 3758180.00 5.34360 421264.00 3758180.00 2.99927
421614.00 3758180.00 0.21234 421664.00 3758180.00 0.18185
421714.00 3758180.00 0.15819 421764.00 3758180.00 0.14343
421864.00 3758180.00 0.11041 421914.00 3758180.00 0.10008
421964.00 3758180.00 0.08782 422064.00 3758180.00 0.06618
422114.00 3758180.00 0.06044 421214.00 3758230.00 5.50597
421264.00 3758230.00 4.68481 421314.00 3758230.00 2.69563
421614.00 3758230.00 0.24218 421664.00 3758230.00 0.20641
421714.00 3758230.00 0.17996 421764.00 3758230.00 0.15599
421814.00 3758230.00 0.13976 421864.00 3758230.00 0.12267
421914.00 3758230.00 0.10667 421964.00 3758230.00 0.09319
422014.00 3758230.00 0.08256 422114.00 3758230.00 0.06311
421264.00 3758280.00 9.05563 421314.00 3758280.00 3.88285
421403.69 3758283.87 1.74884 421464.00 3758280.00 1.18712
421664.00 3758280.00 0.23569 421714.00 3758280.00 0.20785
421764.00 3758280.00 0.18198 421814.00 3758280.00 0.15574
421864.00 3758280.00 0.13194 421914.00 3758280.00 0.11328
421964.00 3758280.00 0.09731 422014.00 3758280.00 0.08661
422064.00 3758280.00 0.07705 422114.00 3758280.00 0.06879
421314.00 3758330.00 6.14629 421364.00 3758330.00 3.14102
421414.00 3758330.00 1.99535 421464.00 3758330.00 1.41411
421714.00 3758330.00 0.23264 421764.00 3758330.00 0.20118
421814.00 3758330.00 0.17099 421864.00 3758330.00 0.13725
421914.00 3758330.00 0.12205 421964.00 3758330.00 0.10624
422014.00 3758330.00 0.09028 422064.00 3758330.00 0.08061
422114.00 3758330.00 0.07258 421314.00 3758380.00 5.59646
421364.00 3758380.00 4.45961 421414.00 3758380.00 2.45480
421464.00 3758380.00 1.69234 421514.00 3758380.00 1.21707
421614.00 3758380.00 0.63825 421714.00 3758380.00 0.27995
421764.00 3758380.00 0.22687 421814.00 3758380.00 0.19803
421864.00 3758380.00 0.15967 421914.00 3758380.00 0.13062
421964.00 3758380.00 0.11714 422014.00 3758380.00 0.10051
422064.00 3758380.00 0.08655 422114.00 3758380.00 0.07648
421364.00 3758430.00 7.08599 421414.00 3758430.00 3.33645
421464.00 3758430.00 2.04701 421521.73 3758427.42 1.32099
421564.00 3758430.00 1.02298 421614.00 3758430.00 0.77045
421664.00 3758430.00 0.54558 421714.00 3758430.00 0.36068
421764.00 3758430.00 0.25747 421814.00 3758430.00 0.21782

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
 INCLUDING SOURCE(S): L0000108 , L0000109 , L0000110 , L0000111 ,
 L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,
 L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,
 L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 ,
 L0000135 , . . . ,

*** 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
421864.00	3758430.00	0.18064	421914.00	3758430.00	0.14724
421964.00	3758430.00	0.12724	422014.00	3758430.00	0.10873
422064.00	3758430.00	0.09589	422114.00	3758430.00	0.08564
421364.00	3758480.00	8.52140	421414.00	3758480.00	4.62493
421464.00	3758480.00	2.47885	421499.82	3758461.95	1.71030
421564.00	3758480.00	1.13475	421614.00	3758480.00	0.76993
421664.00	3758480.00	0.54095	421714.00	3758480.00	0.39933
421764.00	3758480.00	0.29750	421814.00	3758480.00	0.23710
421864.00	3758480.00	0.19041	421914.00	3758480.00	0.15894
421964.00	3758480.00	0.13379	422014.00	3758480.00	0.11522
422064.00	3758480.00	0.10090	422114.00	3758480.00	0.08996
421414.00	3758530.00	7.30368	421464.00	3758530.00	3.20712
421514.00	3758530.00	1.86823	421564.00	3758530.00	1.24200
421614.00	3758530.00	0.87860	421664.00	3758530.00	0.58085
421714.00	3758530.00	0.41733	421764.00	3758530.00	0.35549
421814.00	3758530.00	0.32534	421864.00	3758530.00	0.23679
421914.00	3758530.00	0.20734	421964.00	3758530.00	0.17333
422014.00	3758530.00	0.13982	422064.00	3758530.00	0.11795
422114.00	3758530.00	0.09886	421414.00	3758580.00	5.38549
421452.40	3758582.58	5.56254	421514.00	3758580.00	2.13659
421564.00	3758580.00	1.32316	421614.00	3758580.00	0.92733
421664.00	3758580.00	0.69111	421714.00	3758580.00	0.53609
421764.00	3758580.00	0.42369	421814.00	3758580.00	0.35087
421864.00	3758580.00	0.28091	421914.00	3758580.00	0.23589
421964.00	3758580.00	0.19348	422014.00	3758580.00	0.15804
422064.00	3758580.00	0.12568	422114.00	3758580.00	0.11259
421214.00	3758630.00	0.97610	421476.89	3758651.92	4.50885
421514.00	3758630.00	2.32664	421564.00	3758630.00	1.35505
421614.00	3758630.00	0.93947	421664.00	3758630.00	0.70882
421714.00	3758630.00	0.55880	421764.00	3758630.00	0.43915
421814.00	3758630.00	0.36062	421864.00	3758630.00	0.29960
421914.00	3758630.00	0.24968	421964.00	3758630.00	0.19165
422014.00	3758630.00	0.16308	422064.00	3758630.00	0.13693
422114.00	3758630.00	0.11630	421164.00	3758680.00	0.68776
421214.00	3758680.00	0.82302	421480.76	3758680.00	3.26905
421514.00	3758680.00	2.08113	421564.00	3758680.00	1.29075
421614.00	3758680.00	0.91228	421664.00	3758680.00	0.69566
421714.00	3758680.00	0.55486	421764.00	3758680.00	0.45387
421814.00	3758680.00	0.37068	421864.00	3758680.00	0.30443
421914.00	3758680.00	0.25913	421964.00	3758680.00	0.20046

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
 INCLUDING SOURCE(S): L0000108 , L0000109 , L0000110 , L0000111 ,
 L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,
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 L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 ,
 L0000135 , . . . ,

*** 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
422014.00	3758680.00	0.16151	422064.00	3758680.00	0.13909
422114.00	3758680.00	0.11997	421164.00	3758730.00	0.58809
421214.00	3758730.00	0.69183	421264.00	3758730.00	0.81660
421529.47	3758726.13	1.41736	421564.00	3758730.00	1.11402
421614.00	3758730.00	0.84020	421664.00	3758730.00	0.66116
421714.00	3758730.00	0.53723	421764.00	3758730.00	0.44511
421814.00	3758730.00	0.35962	421864.00	3758730.00	0.29132
421914.00	3758730.00	0.23421	421964.00	3758730.00	0.20607
422014.00	3758730.00	0.18041	422064.00	3758730.00	0.16649
422114.00	3758730.00	0.12764	421114.00	3758780.00	0.41084
421164.00	3758780.00	0.51080	421214.00	3758780.00	0.57700
421264.00	3758780.00	0.67936	421614.00	3758780.00	0.73871
421664.00	3758780.00	0.60562	421714.00	3758780.00	0.50614
421764.00	3758780.00	0.42848	421814.00	3758780.00	0.35419
421864.00	3758780.00	0.30849	421914.00	3758780.00	0.23682
421964.00	3758780.00	0.21142	422014.00	3758780.00	0.17955
422064.00	3758780.00	0.15971	422114.00	3758780.00	0.13782
421114.00	3758830.00	0.39000	421164.00	3758830.00	0.44114
421214.00	3758830.00	0.49437	421675.60	3758827.42	0.52644
421714.00	3758830.00	0.46534	421764.00	3758830.00	0.40315
421814.00	3758830.00	0.34215	421864.00	3758830.00	0.30146
421914.00	3758830.00	0.26674	421964.00	3758830.00	0.21345
422014.00	3758830.00	0.19499	422064.00	3758830.00	0.15885
422114.00	3758830.00	0.14299	421114.00	3758880.00	0.34285
421164.00	3758880.00	0.37906	421214.00	3758880.00	0.42088
421732.05	3758874.84	0.40769	421764.00	3758880.00	0.37360
421814.00	3758880.00	0.33160	421864.00	3758880.00	0.28888
421914.00	3758880.00	0.25909	421964.00	3758880.00	0.23076
422014.00	3758880.00	0.20744	422064.00	3758880.00	0.17310
422114.00	3758880.00	0.14298	421114.00	3758930.00	0.30516
421164.00	3758930.00	0.33529	421914.00	3758930.00	0.24687
421964.00	3758930.00	0.22313	422014.00	3758930.00	0.20419
422064.00	3758930.00	0.18479	422114.00	3758930.00	0.16491
421114.00	3758980.00	0.27556	421264.00	3758980.00	0.25906
421314.00	3758980.00	0.27682	421864.00	3758980.00	0.26180
421914.00	3758980.00	0.23962	422014.00	3758980.00	0.19730
422064.00	3758980.00	0.17817	422114.00	3758980.00	0.16107
421214.00	3759030.00	0.21605	421264.00	3759030.00	0.23010
421314.00	3759030.00	0.24236	421864.00	3759030.00	0.24399
421914.00	3759030.00	0.22347	421964.00	3759030.00	0.20702

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2A ***
 INCLUDING SOURCE(S): L0000108 , L0000109 , L0000110 , L0000111 ,
 L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,
 L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,
 L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 ,
 L0000135 , . . . ,

*** 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
422014.00	3759030.00	0.19153	422114.00	3759030.00	0.15929
421164.00	3759080.00	0.18226	421214.00	3759080.00	0.19505
421264.00	3759080.00	0.20586	421814.00	3759080.00	0.24350
421864.00	3759080.00	0.22674	421914.00	3759080.00	0.20999
421964.00	3759080.00	0.19622	422014.00	3759080.00	0.18303
422064.00	3759080.00	0.16750	422114.00	3759080.00	0.15490
421114.00	3759130.00	0.15630	421164.00	3759130.00	0.16511
421214.00	3759130.00	0.17580	421264.00	3759130.00	0.18647
421814.00	3759130.00	0.22470	421864.00	3759130.00	0.21129
421914.00	3759130.00	0.19793	421964.00	3759130.00	0.18503
422014.00	3759130.00	0.17396	422064.00	3759130.00	0.16281
422114.00	3759130.00	0.15361			

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*** AERMET - VERSION 16216 *** ***
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PAGE 207
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0000410 , L0000411 , L0000412 , L0000413 ,
L0000414 ,
L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 ,
L0000422 ,
L0000423 ,

*** 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
-----
421114.00 3758130.00 0.25757 421164.00 3758130.00 0.27187
421214.00 3758130.00 0.28186 421164.00 3758180.00 0.30427
421214.00 3758180.00 0.32128 421264.00 3758180.00 0.33877
421614.00 3758180.00 0.13506 421664.00 3758180.00 0.12625
421714.00 3758180.00 0.12075 421764.00 3758180.00 0.12257
421864.00 3758180.00 0.10973 421914.00 3758180.00 0.10695
421964.00 3758180.00 0.09772 422064.00 3758180.00 0.07663
422114.00 3758180.00 0.07186 421214.00 3758230.00 0.36546
421264.00 3758230.00 0.38839 421314.00 3758230.00 0.40913
421614.00 3758230.00 0.16156 421664.00 3758230.00 0.15204
421714.00 3758230.00 0.14763 421764.00 3758230.00 0.14039
421814.00 3758230.00 0.13892 421864.00 3758230.00 0.13105
421914.00 3758230.00 0.12027 421964.00 3758230.00 0.10926
422014.00 3758230.00 0.09988 422114.00 3758230.00 0.07840
421264.00 3758280.00 0.45088 421314.00 3758280.00 0.47989
421403.69 3758283.87 0.53175 421464.00 3758280.00 0.53865
421664.00 3758280.00 0.18677 421714.00 3758280.00 0.18698
421764.00 3758280.00 0.18171 421814.00 3758280.00 0.16742
421864.00 3758280.00 0.14977 421914.00 3758280.00 0.13501
421964.00 3758280.00 0.11956 422014.00 3758280.00 0.10993
422064.00 3758280.00 0.09986 422114.00 3758280.00 0.09044
421314.00 3758330.00 0.57117 421364.00 3758330.00 0.60939
421414.00 3758330.00 0.64275 421464.00 3758330.00 0.65903
421714.00 3758330.00 0.22723 421764.00 3758330.00 0.21734
421814.00 3758330.00 0.19856 421864.00 3758330.00 0.16397
421914.00 3758330.00 0.15525 421964.00 3758330.00 0.14002
422014.00 3758330.00 0.11999 422064.00 3758330.00 0.10928
422114.00 3758330.00 0.09979 421314.00 3758380.00 0.69236
421364.00 3758380.00 0.75206 421414.00 3758380.00 0.78534
421464.00 3758380.00 0.83114 421514.00 3758380.00 0.83514
421614.00 3758380.00 0.70787 421714.00 3758380.00 0.31704
421764.00 3758380.00 0.27220 421814.00 3758380.00 0.25829
421864.00 3758380.00 0.21318 421914.00 3758380.00 0.17753
421964.00 3758380.00 0.16590 422014.00 3758380.00 0.14381
422064.00 3758380.00 0.12357 422114.00 3758380.00 0.10939
421364.00 3758430.00 0.95763 421414.00 3758430.00 1.04175
421464.00 3758430.00 1.09236 421521.73 3758427.42 1.07425
421564.00 3758430.00 1.06089 421614.00 3758430.00 0.99123
421664.00 3758430.00 0.79430 421714.00 3758430.00 0.50609
421764.00 3758430.00 0.35111 421814.00 3758430.00 0.31467

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PAGE 208
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0000410 , L0000411 , L0000412 , L0000413 ,
L0000414 ,
L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 ,
L0000422 ,
L0000423 ,

*** 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
-----
421864.00 3758430.00 0.26835 421914.00 3758430.00 0.21955
421964.00 3758430.00 0.19279 422014.00 3758430.00 0.16486
422064.00 3758430.00 0.14565 422114.00 3758430.00 0.12981
421364.00 3758480.00 1.27187 421414.00 3758480.00 1.43045
421464.00 3758480.00 1.50507 421499.82 3758461.95 1.34473
421564.00 3758480.00 1.43352 421614.00 3758480.00 1.18171
421664.00 3758480.00 0.89009 421714.00 3758480.00 0.65963
421764.00 3758480.00 0.47899 421814.00 3758480.00 0.38376
421864.00 3758480.00 0.30697 421914.00 3758480.00 0.25668
421964.00 3758480.00 0.21443 422014.00 3758480.00 0.18333
422064.00 3758480.00 0.15885 422114.00 3758480.00 0.14016
421414.00 3758530.00 2.16243 421464.00 3758530.00 2.35670
421514.00 3758530.00 2.28230 421564.00 3758530.00 2.05446
421614.00 3758530.00 1.75813 421664.00 3758530.00 1.17658
421714.00 3758530.00 0.80655 421764.00 3758530.00 0.72556
421814.00 3758530.00 0.72706 421864.00 3758530.00 0.46462
421914.00 3758530.00 0.40881 421964.00 3758530.00 0.32803
422014.00 3758530.00 0.24771 422064.00 3758530.00 0.20043
422114.00 3758530.00 0.16089 421414.00 3758580.00 3.92932
421452.40 3758582.58 4.74007 421514.00 3758580.00 3.88083
421564.00 3758580.00 3.15695 421614.00 3758580.00 2.54890
421664.00 3758580.00 2.04854 421714.00 3758580.00 1.59305
421764.00 3758580.00 1.19836 421814.00 3758580.00 0.96020
421864.00 3758580.00 0.69728 421914.00 3758580.00 0.55088
421964.00 3758580.00 0.41259 422014.00 3758580.00 0.30822
422064.00 3758580.00 0.22323 422114.00 3758580.00 0.19431
421214.00 3758630.00 0.92493 421476.89 3758651.92 15.25383
421514.00 3758630.00 7.96238 421564.00 3758630.00 5.18986
421614.00 3758630.00 3.85052 421664.00 3758630.00 2.96388
421714.00 3758630.00 2.28681 421764.00 3758630.00 1.60083
421814.00 3758630.00 1.19176 421864.00 3758630.00 0.89372
421914.00 3758630.00 0.66994 421964.00 3758630.00 0.42544
422014.00 3758630.00 0.33471 422064.00 3758630.00 0.25890
422114.00 3758630.00 0.20544 421164.00 3758680.00 0.67008
421214.00 3758680.00 0.87779 421480.76 3758680.00 12.55856
421514.00 3758680.00 19.48793 421564.00 3758680.00 9.90813
421614.00 3758680.00 6.33386 421664.00 3758680.00 4.44378
421714.00 3758680.00 3.22257 421764.00 3758680.00 2.37621
421814.00 3758680.00 1.56524 421864.00 3758680.00 1.06723
421914.00 3758680.00 0.80297 421964.00 3758680.00 0.49096

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PAGE 209
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0000410 , L0000411 , L0000412 , L0000413 ,
L0000414 ,
L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 ,
L0000422 ,
L0000423 ,

*** 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
-----
422014.00 3758680.00 0.34277 422064.00 3758680.00 0.27218
422114.00 3758680.00 0.21834 421164.00 3758730.00 0.63319
421214.00 3758730.00 0.82906 421264.00 3758730.00 1.11308
421529.47 3758726.13 15.87019 421564.00 3758730.00 24.97033
421614.00 3758730.00 12.70445 421664.00 3758730.00 7.75743
421714.00 3758730.00 4.90546 421764.00 3758730.00 3.26061
421814.00 3758730.00 1.82107 421864.00 3758730.00 1.12376
421914.00 3758730.00 0.71107 421964.00 3758730.00 0.55949
422014.00 3758730.00 0.43962 422064.00 3758730.00 0.38628
422114.00 3758730.00 0.24562 421114.00 3758780.00 0.42932
421164.00 3758780.00 0.60364 421214.00 3758780.00 0.76280
421264.00 3758780.00 1.04352 421614.00 3758780.00 24.27426
421664.00 3758780.00 16.94839 421714.00 3758780.00 8.53500
421764.00 3758780.00 4.76334 421814.00 3758780.00 2.41395
421864.00 3758780.00 1.66222 421914.00 3758780.00 0.83769
421964.00 3758780.00 0.65231 422014.00 3758780.00 0.46806
422064.00 3758780.00 0.37483 422114.00 3758780.00 0.28878
421114.00 3758830.00 0.44731 421164.00 3758830.00 0.56227
421214.00 3758830.00 0.71002 421675.60 3758827.42 14.92589
421714.00 3758830.00 18.65778 421764.00 3758830.00 7.92385
421814.00 3758830.00 3.27159 421864.00 3758830.00 2.05028
421914.00 3758830.00 1.39461 421964.00 3758830.00 0.76009
422014.00 3758830.00 0.61413 422064.00 3758830.00 0.40119
422114.00 3758830.00 0.32653 421114.00 3758880.00 0.41570
421164.00 3758880.00 0.50871 421214.00 3758880.00 0.63803
421732.05 3758874.84 18.17933 421764.00 3758880.00 13.75784
421814.00 3758880.00 4.96883 421864.00 3758880.00 2.43855
421914.00 3758880.00 1.60329 421964.00 3758880.00 1.10612
422014.00 3758880.00 0.82328 422064.00 3758880.00 0.52606
422114.00 3758880.00 0.35591 421114.00 3758930.00 0.38714
421164.00 3758930.00 0.47165 421914.00 3758930.00 1.74398
421964.00 3758930.00 1.21225 422014.00 3758930.00 0.91624
422064.00 3758930.00 0.69688 422114.00 3758930.00 0.52439
421114.00 3758980.00 0.36358 421264.00 3758980.00 0.40948
421314.00 3758980.00 0.51737 421864.00 3758980.00 2.82042
421914.00 3758980.00 1.89382 422014.00 3758980.00 0.96843
422064.00 3758980.00 0.72383 422114.00 3758980.00 0.55479
421214.00 3759030.00 0.30623 421264.00 3759030.00 0.37286
421314.00 3759030.00 0.45863 421864.00 3759030.00 2.38770
421914.00 3759030.00 1.73016 421964.00 3759030.00 1.30135

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PAGE 210
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0000410 , L0000411 , L0000412 , L0000413 ,
L0000414 ,
L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 ,
L0000422 ,
L0000423 ,

*** 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
-----
422014.00 3759030.00 1.00307 422114.00 3759030.00 0.60032
421164.00 3759080.00 0.23563 421214.00 3759080.00 0.28265
421264.00 3759080.00 0.33885 421814.00 3759080.00 2.32644
421864.00 3759080.00 1.89534 421914.00 3759080.00 1.51532
421964.00 3759080.00 1.20578 422014.00 3759080.00 0.96631
422064.00 3759080.00 0.75999 422114.00 3759080.00 0.61402
421114.00 3759130.00 0.18720 421164.00 3759130.00 0.21639
421214.00 3759130.00 0.25779 421264.00 3759130.00 0.31031
421814.00 3759130.00 1.73944 421864.00 3759130.00 1.51587
421914.00 3759130.00 1.27739 421964.00 3759130.00 1.07260
422014.00 3759130.00 0.89411 422064.00 3759130.00 0.74450
422114.00 3759130.00 0.62969

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** AERMET - VERSION 16216 *** ***
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PAGE 211
*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3A ***
INCLUDING SOURCE(S): L0000407 , L0000408 , L0000409 ,

*** 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
-----
421114.00 3758130.00 0.17499 421164.00 3758130.00 0.18219
421214.00 3758130.00 0.18704 421164.00 3758180.00 0.19825
421214.00 3758180.00 0.20625 421264.00 3758180.00 0.21488
421614.00 3758180.00 0.10297 421664.00 3758180.00 0.09236
421714.00 3758180.00 0.08605 421764.00 3758180.00 0.08835
421864.00 3758180.00 0.08252 421914.00 3758180.00 0.08394
421964.00 3758180.00 0.07891 422064.00 3758180.00 0.06363
422114.00 3758180.00 0.06058 421214.00 3758230.00 0.22637
421264.00 3758230.00 0.23667 421314.00 3758230.00 0.24646
421614.00 3758230.00 0.11973 421664.00 3758230.00 0.10860
421714.00 3758230.00 0.10394 421764.00 3758230.00 0.09897
421814.00 3758230.00 0.10136 421864.00 3758230.00 0.09900
421914.00 3758230.00 0.09390 421964.00 3758230.00 0.08795
422014.00 3758230.00 0.08228 422114.00 3758230.00 0.06604
421264.00 3758280.00 0.26229 421314.00 3758280.00 0.27448
421403.69 3758283.87 0.29919 421464.00 3758280.00 0.30721
421664.00 3758280.00 0.13015 421714.00 3758280.00 0.13065
421764.00 3758280.00 0.12910 421814.00 3758280.00 0.12183
421864.00 3758280.00 0.11226 421914.00 3758280.00 0.10477
421964.00 3758280.00 0.09550 422014.00 3758280.00 0.09025
422064.00 3758280.00 0.08363 422114.00 3758280.00 0.07709
421314.00 3758330.00 0.30716 421364.00 3758330.00 0.32249
421414.00 3758330.00 0.33853 421464.00 3758330.00 0.35009
421714.00 3758330.00 0.15482 421764.00 3758330.00 0.15169
421814.00 3758330.00 0.14323 421864.00 3758330.00 0.12037
421914.00 3758330.00 0.12034 421964.00 3758330.00 0.11258
422014.00 3758330.00 0.09825 422064.00 3758330.00 0.09176
422114.00 3758330.00 0.08581 421314.00 3758380.00 0.34577
421364.00 3758380.00 0.36572 421414.00 3758380.00 0.37971
421464.00 3758380.00 0.40313 421514.00 3758380.00 0.41650
421614.00 3758380.00 0.42906 421714.00 3758380.00 0.21543
421764.00 3758380.00 0.18795 421814.00 3758380.00 0.18768
421864.00 3758380.00 0.16039 421914.00 3758380.00 0.13754
421964.00 3758380.00 0.13501 422014.00 3758380.00 0.12007
422064.00 3758380.00 0.10522 422114.00 3758380.00 0.09537
421364.00 3758430.00 0.41807 421414.00 3758430.00 0.44456
421464.00 3758430.00 0.46945 421521.73 3758427.42 0.48674
421564.00 3758430.00 0.50397 421614.00 3758430.00 0.51333
421664.00 3758430.00 0.50447 421714.00 3758430.00 0.34070
421764.00 3758430.00 0.24061 421814.00 3758430.00 0.22781

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*** AERMET - VERSION 16216 *** ***
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PAGE 212
*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION      VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3A ***
INCLUDING SOURCE(S):      L0000407      , L0000408      , L0000409      ,

*** 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
-----
421864.00      3758430.00      0.20474      421914.00      3758430.00      0.17400
421964.00      3758430.00      0.15921      422014.00      3758430.00      0.13986
422064.00      3758430.00      0.12756      422114.00      3758430.00      0.11700
421364.00      3758480.00      0.48211      421414.00      3758480.00      0.51750
421464.00      3758480.00      0.54849      421499.82      3758461.95      0.53902
421564.00      3758480.00      0.60429      421614.00      3758480.00      0.61357
421664.00      3758480.00      0.54306      421714.00      3758480.00      0.43231
421764.00      3758480.00      0.32759      421814.00      3758480.00      0.27798
421864.00      3758480.00      0.23474      421914.00      3758480.00      0.20649
421964.00      3758480.00      0.17909      422014.00      3758480.00      0.15848
422064.00      3758480.00      0.14211      422114.00      3758480.00      0.12924
421414.00      3758530.00      0.61038      421464.00      3758530.00      0.66053
421514.00      3758530.00      0.70675      421564.00      3758530.00      0.74144
421614.00      3758530.00      0.76676      421664.00      3758530.00      0.68182
421714.00      3758530.00      0.51408      421764.00      3758530.00      0.50033
421814.00      3758530.00      0.54329      421864.00      3758530.00      0.37005
421914.00      3758530.00      0.34735      421964.00      3758530.00      0.29259
422014.00      3758530.00      0.22755      422064.00      3758530.00      0.18856
422114.00      3758530.00      0.15351      421414.00      3758580.00      0.72851
421452.40      3758582.58      0.79303      421514.00      3758580.00      0.87216
421564.00      3758580.00      0.93601      421614.00      3758580.00      0.97313
421664.00      3758580.00      0.98074      421714.00      3758580.00      0.95167
421764.00      3758580.00      0.84001      421814.00      3758580.00      0.73289
421864.00      3758580.00      0.57453      421914.00      3758580.00      0.48582
421964.00      3758580.00      0.38145      422014.00      3758580.00      0.29492
422064.00      3758580.00      0.21684      422114.00      3758580.00      0.19400
421214.00      3758630.00      0.65474      421476.89      3758651.92      1.12882
421514.00      3758630.00      1.10691      421564.00      3758630.00      1.19599
421614.00      3758630.00      1.28247      421664.00      3758630.00      1.30388
421714.00      3758630.00      1.27231      421764.00      3758630.00      1.16046
421814.00      3758630.00      0.93288      421864.00      3758630.00      0.76390
421914.00      3758630.00      0.61438      421964.00      3758630.00      0.40605
422014.00      3758630.00      0.33055      422064.00      3758630.00      0.26096
422114.00      3758630.00      0.20999      421164.00      3758680.00      0.52555
421214.00      3758680.00      0.64061      421480.76      3758680.00      1.30584
421514.00      3758680.00      1.43658      421564.00      3758680.00      1.62344
421614.00      3758680.00      1.73792      421664.00      3758680.00      1.82582
421714.00      3758680.00      1.77243      421764.00      3758680.00      1.61040
421814.00      3758680.00      1.29207      421864.00      3758680.00      0.95449
421914.00      3758680.00      0.76921      421964.00      3758680.00      0.48737

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** AERMET - VERSION 16216 *** ***
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PAGE 213
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3A ***
INCLUDING SOURCE(S): L0000407 , L0000408 , L0000409 ,

*** 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
-----
422014.00 3758680.00 0.34647 422064.00 3758680.00 0.28017
422114.00 3758680.00 0.22701 421164.00 3758730.00 0.50597
421214.00 3758730.00 0.62178 421264.00 3758730.00 0.77907
421529.47 3758726.13 1.98209 421564.00 3758730.00 2.28449
421614.00 3758730.00 2.58899 421664.00 3758730.00 2.72707
421714.00 3758730.00 2.65940 421764.00 3758730.00 2.31684
421814.00 3758730.00 1.56593 421864.00 3758730.00 1.05991
421914.00 3758730.00 0.70261 421964.00 3758730.00 0.57501
422014.00 3758730.00 0.46159 422064.00 3758730.00 0.41305
422114.00 3758730.00 0.25803 421114.00 3758780.00 0.37535
421164.00 3758780.00 0.48528 421214.00 3758780.00 0.59496
421264.00 3758780.00 0.75447 421614.00 3758780.00 4.15966
421664.00 3758780.00 4.56399 421714.00 3758780.00 4.47340
421764.00 3758780.00 3.62944 421814.00 3758780.00 2.23642
421864.00 3758780.00 1.69200 421914.00 3758780.00 0.85825
421964.00 3758780.00 0.68751 422014.00 3758780.00 0.49405
422064.00 3758780.00 0.39760 422114.00 3758780.00 0.30403
421114.00 3758830.00 0.38042 421164.00 3758830.00 0.46324
421214.00 3758830.00 0.56875 421675.60 3758827.42 9.12654
421714.00 3758830.00 8.94338 421764.00 3758830.00 6.62796
421814.00 3758830.00 3.33208 421864.00 3758830.00 2.23294
421914.00 3758830.00 1.55465 421964.00 3758830.00 0.80854
422014.00 3758830.00 0.66190 422064.00 3758830.00 0.41816
422114.00 3758830.00 0.34043 421114.00 3758880.00 0.36226
421164.00 3758880.00 0.43617 421214.00 3758880.00 0.53668
421732.05 3758874.84 7.05126 421764.00 3758880.00 15.27912
421814.00 3758880.00 6.04026 421864.00 3758880.00 2.83688
421914.00 3758880.00 1.85973 421964.00 3758880.00 1.25581
422014.00 3758880.00 0.92402 422064.00 3758880.00 0.56072
422114.00 3758880.00 0.36487 421114.00 3758930.00 0.34772
421164.00 3758930.00 0.41994 421914.00 3758930.00 2.13594
421964.00 3758930.00 1.42645 422014.00 3758930.00 1.06172
422064.00 3758930.00 0.78747 422114.00 3758930.00 0.57841
421114.00 3758980.00 0.33792 421264.00 3758980.00 0.36052
421314.00 3758980.00 0.45819 421864.00 3758980.00 4.43347
421914.00 3758980.00 2.69311 422014.00 3758980.00 1.17663
422064.00 3758980.00 0.83960 422114.00 3758980.00 0.62186
421214.00 3759030.00 0.28318 421264.00 3759030.00 0.34714
421314.00 3759030.00 0.43424 421864.00 3759030.00 4.19177
421914.00 3759030.00 2.65837 421964.00 3759030.00 1.82906

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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PAGE 214
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3A ***
INCLUDING SOURCE(S): L0000407 , L0000408 , L0000409 ,

*** 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
422014.00	3759030.00	1.31953	422114.00	3759030.00	0.70825
421164.00	3759080.00	0.22670	421214.00	3759080.00	0.27349
421264.00	3759080.00	0.33105	421814.00	3759080.00	5.02108
421864.00	3759080.00	3.55028	421914.00	3759080.00	2.52043
421964.00	3759080.00	1.82497	422014.00	3759080.00	1.35732
422064.00	3759080.00	0.99397	422114.00	3759080.00	0.76303
421114.00	3759130.00	0.18516	421164.00	3759130.00	0.21456
421214.00	3759130.00	0.25650	421264.00	3759130.00	0.31177
421814.00	3759130.00	3.70140	421864.00	3759130.00	2.89793
421914.00	3759130.00	2.21398	421964.00	3759130.00	1.70567
422014.00	3759130.00	1.32170	422064.00	3759130.00	1.03523
422114.00	3759130.00	0.83381			

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3B ***
INCLUDING SOURCE(S): L0000424 , L0000425 , L0000426 , L0000427 ,

L0000428 ,

*** 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
-----
421114.00 3758130.00 0.17243 421164.00 3758130.00 0.17785
421214.00 3758130.00 0.18073 421164.00 3758180.00 0.19447
421214.00 3758180.00 0.20014 421264.00 3758180.00 0.20641
421614.00 3758180.00 0.08537 421664.00 3758180.00 0.07986
421714.00 3758180.00 0.07760 421764.00 3758180.00 0.08239
421864.00 3758180.00 0.07770 421914.00 3758180.00 0.07803
421964.00 3758180.00 0.07202 422064.00 3758180.00 0.05619
422114.00 3758180.00 0.05354 422124.00 3758230.00 0.22075
421264.00 3758230.00 0.22806 421314.00 3758230.00 0.23472
421614.00 3758230.00 0.09799 421664.00 3758230.00 0.09331
421714.00 3758230.00 0.09342 421764.00 3758230.00 0.09161
421814.00 3758230.00 0.09488 421864.00 3758230.00 0.09219
421914.00 3758230.00 0.08604 421964.00 3758230.00 0.07913
422014.00 3758230.00 0.07302 422114.00 3758230.00 0.05788
421264.00 3758280.00 0.25397 421314.00 3758280.00 0.26213
421403.69 3758283.87 0.27923 421464.00 3758280.00 0.28235
421664.00 3758280.00 0.11095 421714.00 3758280.00 0.11672
421764.00 3758280.00 0.11834 421814.00 3758280.00 0.11267
421864.00 3758280.00 0.10305 421914.00 3758280.00 0.09439
421964.00 3758280.00 0.08435 422014.00 3758280.00 0.07896
422064.00 3758280.00 0.07287 422114.00 3758280.00 0.06714
421314.00 3758330.00 0.29458 421364.00 3758330.00 0.30444
421414.00 3758330.00 0.31495 421464.00 3758330.00 0.32074
421714.00 3758330.00 0.13684 421764.00 3758330.00 0.13742
421814.00 3758330.00 0.13061 421864.00 3758330.00 0.10825
421914.00 3758330.00 0.10664 421964.00 3758330.00 0.09825
422014.00 3758330.00 0.08457 422064.00 3758330.00 0.07896
422114.00 3758330.00 0.07394 421314.00 3758380.00 0.33374
421364.00 3758380.00 0.34644 421414.00 3758380.00 0.35270
421464.00 3758380.00 0.36838 421514.00 3758380.00 0.37398
421614.00 3758380.00 0.37545 421714.00 3758380.00 0.18714
421764.00 3758380.00 0.16758 421814.00 3758380.00 0.16771
421864.00 3758380.00 0.14245 421914.00 3758380.00 0.11950
421964.00 3758380.00 0.11658 422014.00 3758380.00 0.10272
422064.00 3758380.00 0.08955 422114.00 3758380.00 0.08113
421364.00 3758430.00 0.39836 421414.00 3758430.00 0.41437
421464.00 3758430.00 0.42824 421521.73 3758427.42 0.43330
421564.00 3758430.00 0.44103 421614.00 3758430.00 0.44103
421664.00 3758430.00 0.42603 421714.00 3758430.00 0.28816
421764.00 3758430.00 0.21006 421814.00 3758430.00 0.19949

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3B ***
 INCLUDING SOURCE(S): L0000424 , L0000425 , L0000426 , L0000427 ,
 L0000428 ,

*** 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		
421864.00	3758430.00	0.17817	421914.00	3758430.00	0.14925		
421964.00	3758430.00	0.13538	422014.00	3758430.00	0.11806		
422064.00	3758430.00	0.10770	422114.00	3758430.00	0.09907		
421364.00	3758480.00	0.46374	421414.00	3758480.00	0.48455		
421464.00	3758480.00	0.49972	421499.82	3758461.95	0.48291		
421564.00	3758480.00	0.52334	421614.00	3758480.00	0.52287		
421664.00	3758480.00	0.44246	421714.00	3758480.00	0.35699		
421764.00	3758480.00	0.27789	421814.00	3758480.00	0.23776		
421864.00	3758480.00	0.19942	421914.00	3758480.00	0.17322		
421964.00	3758480.00	0.14876	422014.00	3758480.00	0.13118		
422064.00	3758480.00	0.11775	422114.00	3758480.00	0.10758		
421414.00	3758530.00	0.57653	421464.00	3758530.00	0.60370		
421514.00	3758530.00	0.62517	421564.00	3758530.00	0.63517		
421614.00	3758530.00	0.63845	421664.00	3758530.00	0.54046		
421714.00	3758530.00	0.41400	421764.00	3758530.00	0.40711		
421814.00	3758530.00	0.43873	421864.00	3758530.00	0.30315		
421914.00	3758530.00	0.28301	421964.00	3758530.00	0.23915		
422014.00	3758530.00	0.18741	422064.00	3758530.00	0.15586		
422114.00	3758530.00	0.12652	421414.00	3758580.00	0.69843		
421452.40	3758582.58	0.73715	421514.00	3758580.00	0.76965		
421564.00	3758580.00	0.79345	421614.00	3758580.00	0.79354		
421664.00	3758580.00	0.77512	421714.00	3758580.00	0.73500		
421764.00	3758580.00	0.66028	421814.00	3758580.00	0.57432		
421864.00	3758580.00	0.44747	421914.00	3758580.00	0.38017		
421964.00	3758580.00	0.30204	422014.00	3758580.00	0.23686		
422064.00	3758580.00	0.17580	422114.00	3758580.00	0.15899		
421214.00	3758630.00	0.79689	421476.89	3758651.92	1.04680		
421514.00	3758630.00	0.97923	421564.00	3758630.00	1.00153		
421614.00	3758630.00	1.02137	421664.00	3758630.00	0.99173		
421714.00	3758630.00	0.93488	421764.00	3758630.00	0.84135		
421814.00	3758630.00	0.69716	421864.00	3758630.00	0.56886		
421914.00	3758630.00	0.46121	421964.00	3758630.00	0.31360		
422014.00	3758630.00	0.25920	422064.00	3758630.00	0.20763		
422114.00	3758630.00	0.16873	421164.00	3758680.00	0.70930		
421214.00	3758680.00	0.83878	421480.76	3758680.00	1.22100		
421514.00	3758680.00	1.28324	421564.00	3758680.00	1.34986		
421614.00	3758680.00	1.34524	421664.00	3758680.00	1.32774		
421714.00	3758680.00	1.22836	421764.00	3758680.00	1.09019		
421814.00	3758680.00	0.90669	421864.00	3758680.00	0.67532		
421914.00	3758680.00	0.55281	421964.00	3758680.00	0.36372		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3B ***
 INCLUDING SOURCE(S): L0000424 , L0000425 , L0000426 , L0000427 ,
 L0000428 ,

*** 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		
422014.00	3758680.00	0.26450	422064.00	3758680.00	0.21760		
422114.00	3758680.00	0.17881	421164.00	3758730.00	0.72534		
421214.00	3758730.00	0.87769	421264.00	3758730.00	1.07106		
421529.47	3758726.13	1.75788	421564.00	3758730.00	1.89793		
421614.00	3758730.00	1.94634	421664.00	3758730.00	1.86832		
421714.00	3758730.00	1.69771	421764.00	3758730.00	1.44009		
421814.00	3758730.00	1.02427	421864.00	3758730.00	0.71278		
421914.00	3758730.00	0.49176	421964.00	3758730.00	0.41407		
422014.00	3758730.00	0.34241	422064.00	3758730.00	0.31349		
422114.00	3758730.00	0.20086	421114.00	3758780.00	0.57488		
421164.00	3758780.00	0.72489	421214.00	3758780.00	0.90619		
421264.00	3758780.00	1.12845	421614.00	3758780.00	3.04204		
421664.00	3758780.00	2.89607	421714.00	3758780.00	2.52900		
421764.00	3758780.00	1.98571	421814.00	3758780.00	1.31627		
421864.00	3758780.00	1.03995	421914.00	3758780.00	0.57088		
421964.00	3758780.00	0.47749	422014.00	3758780.00	0.35811		
422064.00	3758780.00	0.29813	422114.00	3758780.00	0.23451		
421114.00	3758830.00	0.56653	421164.00	3758830.00	0.71205		
421214.00	3758830.00	0.90712	421675.60	3758827.42	5.02238		
421714.00	3758830.00	4.13955	421764.00	3758830.00	2.88166		
421814.00	3758830.00	1.70609	421864.00	3758830.00	1.25934		
421914.00	3758830.00	0.95592	421964.00	3758830.00	0.54325		
422014.00	3758830.00	0.46538	422064.00	3758830.00	0.30798		
422114.00	3758830.00	0.25891	421114.00	3758880.00	0.53845		
421164.00	3758880.00	0.67893	421214.00	3758880.00	0.88087		
421732.05	3758874.84	6.20775	421764.00	3758880.00	4.37190		
421814.00	3758880.00	2.49379	421864.00	3758880.00	1.47873		
421914.00	3758880.00	1.08911	421964.00	3758880.00	0.79913		
422014.00	3758880.00	0.62559	422064.00	3758880.00	0.40270		
422114.00	3758880.00	0.27203	421114.00	3758930.00	0.51107		
421164.00	3758930.00	0.64738	421914.00	3758930.00	1.19064		
421964.00	3758930.00	0.87663	422014.00	3758930.00	0.69914		
422064.00	3758930.00	0.54702	422114.00	3758930.00	0.41929		
421114.00	3758980.00	0.49137	421264.00	3758980.00	0.64284		
421314.00	3758980.00	0.92940	421864.00	3758980.00	2.13556		
421914.00	3758980.00	1.47088	422014.00	3758980.00	0.75681		
422064.00	3758980.00	0.56923	422114.00	3758980.00	0.44197		
421214.00	3759030.00	0.44801	421264.00	3759030.00	0.59462		
421314.00	3759030.00	0.83179	421864.00	3759030.00	2.21663		
421914.00	3759030.00	1.51607	421964.00	3759030.00	1.11928		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: HAUL3B ***
 INCLUDING SOURCE(S): L0000424 , L0000425 , L0000426 , L0000427 ,
 L0000428 ,

*** 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	
422014.00	3759030.00	0.85390	422114.00	3759030.00	0.49477	
421164.00	3759080.00	0.33231	421214.00	3759080.00	0.42502	
421264.00	3759080.00	0.55467	421814.00	3759080.00	3.06082	
421864.00	3759080.00	2.14465	421914.00	3759080.00	1.54583	
421964.00	3759080.00	1.16136	422014.00	3759080.00	0.89895	
422064.00	3759080.00	0.67329	422114.00	3759080.00	0.53346	
421114.00	3759130.00	0.25805	421164.00	3759130.00	0.31237	
421214.00	3759130.00	0.39486	421264.00	3759130.00	0.51557	
421814.00	3759130.00	2.65048	421864.00	3759130.00	1.97973	
421914.00	3759130.00	1.49741	421964.00	3759130.00	1.15483	
422014.00	3759130.00	0.91104	422064.00	3759130.00	0.72893	
422114.00	3759130.00	0.60208				

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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
421114.00	3758130.00	19.35922	421164.00	3758130.00	20.81435
421214.00	3758130.00	27.64311	421164.00	3758180.00	21.81397
421214.00	3758180.00	32.14183	421264.00	3758180.00	65.00006
421614.00	3758180.00	5.14288	421664.00	3758180.00	3.82021
421714.00	3758180.00	2.99580	421764.00	3758180.00	2.53738
421864.00	3758180.00	1.75742	421914.00	3758180.00	1.54642
421964.00	3758180.00	1.31275	422064.00	3758180.00	0.92710
422114.00	3758180.00	0.83206	421214.00	3758230.00	29.37273
421264.00	3758230.00	48.92772	421314.00	3758230.00	101.24865
421614.00	3758230.00	6.48070	421664.00	3758230.00	4.70457
421714.00	3758230.00	3.65962	421764.00	3758230.00	2.90679
421814.00	3758230.00	2.45420	421864.00	3758230.00	2.05009
421914.00	3758230.00	1.71001	421964.00	3758230.00	1.44219
422014.00	3758230.00	1.24038	422114.00	3758230.00	0.89507
421264.00	3758280.00	41.51263	421314.00	3758280.00	61.96533
421403.69	3758283.87	267.10274	421464.00	3758280.00	103.68245
421664.00	3758280.00	5.87953	421714.00	3758280.00	4.58775
421764.00	3758280.00	3.65532	421814.00	3758280.00	2.89870
421864.00	3758280.00	2.30864	421914.00	3758280.00	1.88985
421964.00	3758280.00	1.55690	422014.00	3758280.00	1.34396
422064.00	3758280.00	1.16276	422114.00	3758280.00	1.01301
421314.00	3758330.00	42.48727	421364.00	3758330.00	59.98705
421414.00	3758330.00	88.28200	421464.00	3758330.00	81.34616
421714.00	3758330.00	5.42691	421764.00	3758330.00	4.26355
421814.00	3758330.00	3.35281	421864.00	3758330.00	2.50100
421914.00	3758330.00	2.12743	421964.00	3758330.00	1.77717
422014.00	3758330.00	1.44599	422064.00	3758330.00	1.25437
422114.00	3758330.00	1.10205	421314.00	3758380.00	30.51689
421364.00	3758380.00	38.11400	421414.00	3758380.00	44.28044
421464.00	3758380.00	53.27645	421514.00	3758380.00	47.95059
421614.00	3758380.00	17.11383	421714.00	3758380.00	6.62410
421764.00	3758380.00	4.94596	421814.00	3758380.00	4.04802
421864.00	3758380.00	3.06632	421914.00	3758380.00	2.36880
421964.00	3758380.00	2.04625	422014.00	3758380.00	1.68567
422064.00	3758380.00	1.39572	422114.00	3758380.00	1.19559
421364.00	3758430.00	31.13115	421414.00	3758430.00	33.85974
421464.00	3758430.00	44.34240	421521.73	3758427.42	50.28643
421564.00	3758430.00	28.56917	421614.00	3758430.00	17.89108
421664.00	3758430.00	12.49984	421714.00	3758430.00	8.16850
421764.00	3758430.00	5.57136	421814.00	3758430.00	4.49673

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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
421864.00	3758430.00	3.56569	421914.00	3758430.00	2.77196
421964.00	3758430.00	2.30095	422014.00	3758430.00	1.88800
422064.00	3758430.00	1.60972	422114.00	3758430.00	1.39478
421364.00	3758480.00	28.44057	421414.00	3758480.00	32.73364
421464.00	3758480.00	48.07684	421499.82	3758461.95	62.92739
421564.00	3758480.00	29.82217	421614.00	3758480.00	16.78580
421664.00	3758480.00	11.64731	421714.00	3758480.00	8.51758
421764.00	3758480.00	6.22458	421814.00	3758480.00	4.83302
421864.00	3758480.00	3.76195	421914.00	3758480.00	3.03646
421964.00	3758480.00	2.46341	422014.00	3758480.00	2.04764
422064.00	3758480.00	1.73402	422114.00	3758480.00	1.49907
421414.00	3758530.00	42.03119	421464.00	3758530.00	65.51798
421514.00	3758530.00	36.70323	421564.00	3758530.00	24.28174
421614.00	3758530.00	16.77168	421664.00	3758530.00	11.58306
421714.00	3758530.00	8.40242	421764.00	3758530.00	7.14785
421814.00	3758530.00	6.50354	421864.00	3758530.00	4.67067
421914.00	3758530.00	4.02790	421964.00	3758530.00	3.28806
422014.00	3758530.00	2.56422	422064.00	3758530.00	2.09145
422114.00	3758530.00	1.68733	421414.00	3758580.00	32.42640
421452.40	3758582.58	51.76921	421514.00	3758580.00	34.69976
421564.00	3758580.00	21.74383	421614.00	3758580.00	16.31309
421664.00	3758580.00	12.83814	421714.00	3758580.00	10.40986
421764.00	3758580.00	8.41877	421814.00	3758580.00	6.99506
421864.00	3758580.00	5.54970	421914.00	3758580.00	4.60606
421964.00	3758580.00	3.69180	422014.00	3758580.00	2.93000
422064.00	3758580.00	2.24364	422114.00	3758580.00	1.96295
421214.00	3758630.00	7.48311	421476.89	3758651.92	52.60231
421514.00	3758630.00	41.16626	421564.00	3758630.00	21.97001
421614.00	3758630.00	16.57340	421664.00	3758630.00	13.40609
421714.00	3758630.00	11.07715	421764.00	3758630.00	8.97305
421814.00	3758630.00	7.30542	421864.00	3758630.00	5.99345
421914.00	3758630.00	4.91297	421964.00	3758630.00	3.61694
422014.00	3758630.00	3.00642	422064.00	3758630.00	2.45226
422114.00	3758630.00	2.02139	421164.00	3758680.00	5.69976
421214.00	3758680.00	6.81304	421480.76	3758680.00	37.56278
421514.00	3758680.00	39.53403	421564.00	3758680.00	24.72219
421614.00	3758680.00	18.31586	421664.00	3758680.00	14.78133
421714.00	3758680.00	12.17476	421764.00	3758680.00	10.08865
421814.00	3758680.00	7.99463	421864.00	3758680.00	6.26663
421914.00	3758680.00	5.20166	421964.00	3758680.00	3.78554

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 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
422014.00	3758680.00	2.93020	422064.00	3758680.00	2.45952
422114.00	3758680.00	2.06472	421164.00	3758730.00	5.19619
421214.00	3758730.00	6.20012	421264.00	3758730.00	7.42734
421529.47	3758726.13	30.10838	421564.00	3758730.00	38.14422
421614.00	3758730.00	24.67647	421664.00	3758730.00	18.59440
421714.00	3758730.00	14.58110	421764.00	3758730.00	11.57924
421814.00	3758730.00	8.26253	421864.00	3758730.00	6.13033
421914.00	3758730.00	4.57767	421964.00	3758730.00	3.91762
422014.00	3758730.00	3.32663	422064.00	3758730.00	3.02455
422114.00	3758730.00	2.18077	422164.00	3758730.00	3.76881
421164.00	3758780.00	4.77382	421214.00	3758780.00	5.60059
421264.00	3758780.00	6.79101	421314.00	3758780.00	37.57862
421364.00	3758780.00	29.75457	421414.00	3758780.00	20.23433
421464.00	3758780.00	14.49572	421514.00	3758780.00	9.51504
421564.00	3758780.00	7.55248	421614.00	3758780.00	4.80423
421664.00	3758780.00	4.10957	421714.00	3758780.00	3.29308
421764.00	3758780.00	2.83420	421814.00	3758780.00	2.35467
421864.00	3758780.00	3.69425	421914.00	3758780.00	4.35139
421964.00	3758780.00	5.11901	422014.00	3758780.00	33.56923
422064.00	3758780.00	35.84955	422114.00	3758780.00	21.12123
422164.00	3758780.00	11.55307	422214.00	3758780.00	8.46802
422264.00	3758780.00	6.54281	422314.00	3758780.00	4.30530
422364.00	3758780.00	3.76360	422414.00	3758780.00	2.80424
422464.00	3758780.00	2.44359	422514.00	3758780.00	3.37434
422564.00	3758780.00	3.91869	422614.00	3758780.00	4.61543
422664.00	3758780.00	34.97033	422714.00	3758780.00	36.70581
422764.00	3758780.00	16.49775	422814.00	3758780.00	9.43954
422864.00	3758780.00	7.00519	422914.00	3758780.00	5.38627
422964.00	3758780.00	4.40254	423014.00	3758780.00	3.22844
423064.00	3758780.00	2.45023	423114.00	3758780.00	3.10556
423164.00	3758930.00	3.60163	423214.00	3758930.00	7.33044
423264.00	3758930.00	5.59100	423314.00	3758930.00	4.59817
423364.00	3758930.00	3.79408	423414.00	3758930.00	3.11898
423464.00	3758930.00	2.89322	423514.00	3758930.00	3.00334
423564.00	3758930.00	3.63236	423614.00	3758930.00	11.66866
423664.00	3758930.00	8.17520	423714.00	3758930.00	4.70274
423764.00	3758930.00	3.78491	423814.00	3758930.00	3.13177
423864.00	3759030.00	2.36569	423914.00	3759030.00	2.75182
423964.00	3759030.00	3.26279	424014.00	3759030.00	10.87761
424064.00	3759030.00	7.84241	424114.00	3759030.00	6.06575

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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
422014.00	3759030.00	4.87419	422114.00	3759030.00	3.25557
421164.00	3759080.00	1.90879	421214.00	3759080.00	2.19770
421264.00	3759080.00	2.52920	421814.00	3759080.00	12.42401
421864.00	3759080.00	9.49821	421914.00	3759080.00	7.36967
421964.00	3759080.00	5.87996	422014.00	3759080.00	4.81112
422064.00	3759080.00	3.90270	422114.00	3759080.00	3.28900
421114.00	3759130.00	1.57777	421164.00	3759130.00	1.76116
421214.00	3759130.00	2.01590	421264.00	3759130.00	2.33677
421814.00	3759130.00	9.92675	421864.00	3759130.00	8.14374
421914.00	3759130.00	6.65067	421964.00	3759130.00	5.49928
422014.00	3759130.00	4.61047	422064.00	3759130.00	3.90886
422114.00	3759130.00	3.39200			

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
CON1	1ST HIGHEST VALUE IS	32.90584	AT (421403.69,	3758283.87,	202.98,	342.92,	0.00)	DC	
	2ND HIGHEST VALUE IS	23.29973	AT (421314.00,	3758230.00,	198.03,	342.92,	0.00)	DC	
	3RD HIGHEST VALUE IS	20.60922	AT (421464.00,	3758280.00,	203.17,	342.92,	0.00)	DC	
	4TH HIGHEST VALUE IS	19.35187	AT (421264.00,	3758180.00,	197.50,	342.92,	0.00)	DC	
	5TH HIGHEST VALUE IS	12.12883	AT (421314.00,	3758280.00,	198.72,	342.92,	0.00)	DC	
	6TH HIGHEST VALUE IS	11.74326	AT (421414.00,	3758330.00,	203.15,	342.92,	0.00)	DC	
	7TH HIGHEST VALUE IS	10.29309	AT (421264.00,	3758230.00,	197.84,	342.92,	0.00)	DC	
	8TH HIGHEST VALUE IS	9.86907	AT (421364.00,	3758330.00,	199.33,	342.92,	0.00)	DC	
	9TH HIGHEST VALUE IS	9.75409	AT (421464.00,	3758330.00,	202.56,	342.92,	0.00)	DC	
	10TH HIGHEST VALUE IS	7.01295	AT (421214.00,	3758130.00,	191.21,	342.92,	0.00)	DC	
CON2	1ST HIGHEST VALUE IS	216.01169	AT (421403.69,	3758283.87,	202.98,	342.92,	0.00)	DC	
	2ND HIGHEST VALUE IS	72.04279	AT (421314.00,	3758230.00,	198.03,	342.92,	0.00)	DC	
	3RD HIGHEST VALUE IS	66.76419	AT (421464.00,	3758280.00,	203.17,	342.92,	0.00)	DC	
	4TH HIGHEST VALUE IS	53.36445	AT (421414.00,	3758330.00,	203.15,	342.92,	0.00)	DC	
	5TH HIGHEST VALUE IS	41.97378	AT (421314.00,	3758280.00,	198.72,	342.92,	0.00)	DC	
	6TH HIGHEST VALUE IS	40.58237	AT (421264.00,	3758180.00,	197.50,	342.92,	0.00)	DC	
	7TH HIGHEST VALUE IS	39.71483	AT (421464.00,	3758330.00,	202.56,	342.92,	0.00)	DC	
	8TH HIGHEST VALUE IS	39.44009	AT (421364.00,	3758330.00,	199.33,	342.92,	0.00)	DC	
	9TH HIGHEST VALUE IS	31.47907	AT (421264.00,	3758230.00,	197.84,	342.92,	0.00)	DC	
	10TH HIGHEST VALUE IS	25.13992	AT (421314.00,	3758330.00,	199.28,	342.92,	0.00)	DC	
HAUL1	1ST HIGHEST VALUE IS	49.62625	AT (421464.00,	3758530.00,	201.51,	342.92,	0.00)	DC	
	2ND HIGHEST VALUE IS	45.58720	AT (421499.82,	3758461.95,	202.15,	342.92,	0.00)	DC	
	3RD HIGHEST VALUE IS	33.12404	AT (421452.40,	3758582.58,	202.29,	342.92,	0.00)	DC	
	4TH HIGHEST VALUE IS	31.49824	AT (421521.73,	3758427.42,	202.10,	342.92,	0.00)	DC	
	5TH HIGHEST VALUE IS	30.70548	AT (421464.00,	3758480.00,	198.68,	342.92,	0.00)	DC	
	6TH HIGHEST VALUE IS	29.13326	AT (421464.00,	3758330.00,	202.56,	342.92,	0.00)	DC	
	7TH HIGHEST VALUE IS	25.73120	AT (421476.89,	3758651.92,	203.43,	342.92,	0.00)	DC	
	8TH HIGHEST VALUE IS	23.44441	AT (421514.00,	3758630.00,	203.31,	342.92,	0.00)	DC	
	9TH HIGHEST VALUE IS	23.06312	AT (421514.00,	3758380.00,	202.55,	342.92,	0.00)	DC	
	10TH HIGHEST VALUE IS	22.58058	AT (421514.00,	3758530.00,	202.80,	342.92,	0.00)	DC	
HAUL2A	1ST HIGHEST VALUE IS	9.26179	AT (421114.00,	3758130.00,	197.25,	342.92,	0.00)	DC	
	2ND HIGHEST VALUE IS	9.05563	AT (421264.00,	3758280.00,	199.48,	342.92,	0.00)	DC	
	3RD HIGHEST VALUE IS	8.52140	AT (421364.00,	3758480.00,	201.83,	342.92,	0.00)	DC	
	4TH HIGHEST VALUE IS	7.30368	AT (421414.00,	3758530.00,	201.62,	342.92,	0.00)	DC	
	5TH HIGHEST VALUE IS	7.08599	AT (421364.00,	3758430.00,	200.19,	342.92,	0.00)	DC	
	6TH HIGHEST VALUE IS	6.15511	AT (421164.00,	3758180.00,	198.33,	342.92,	0.00)	DC	
	7TH HIGHEST VALUE IS	6.14629	AT (421314.00,	3758330.00,	199.28,	342.92,	0.00)	DC	
	8TH HIGHEST VALUE IS	5.89995	AT (421164.00,	3758130.00,	196.78,	342.92,	0.00)	DC	
	9TH HIGHEST VALUE IS	5.59646	AT (421314.00,	3758380.00,	200.29,	342.92,	0.00)	DC	
	10TH HIGHEST VALUE IS	5.56254	AT (421452.40,	3758582.58,	202.29,	342.92,	0.00)	DC	

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
HAUL2B	1ST HIGHEST VALUE IS	24.97033	AT (	421564.00,	3758730.00,	204.33,	336.82,	0.00)	DC
	2ND HIGHEST VALUE IS	24.27426	AT (	421614.00,	3758780.00,	204.94,	336.82,	0.00)	DC
	3RD HIGHEST VALUE IS	19.48793	AT (	421514.00,	3758680.00,	203.53,	336.82,	0.00)	DC
	4TH HIGHEST VALUE IS	18.65778	AT (	421714.00,	3758830.00,	203.06,	336.82,	0.00)	DC
	5TH HIGHEST VALUE IS	18.17933	AT (	421732.05,	3758874.84,	204.63,	336.82,	0.00)	DC
	6TH HIGHEST VALUE IS	16.94839	AT (	421664.00,	3758780.00,	203.57,	336.82,	0.00)	DC
	7TH HIGHEST VALUE IS	15.87019	AT (	421529.47,	3758726.13,	204.14,	336.82,	0.00)	DC
	8TH HIGHEST VALUE IS	15.25383	AT (	421476.89,	3758651.92,	203.43,	342.92,	0.00)	DC
	9TH HIGHEST VALUE IS	14.92589	AT (	421675.60,	3758827.42,	205.76,	336.82,	0.00)	DC
	10TH HIGHEST VALUE IS	13.75784	AT (	421764.00,	3758880.00,	207.50,	336.82,	0.00)	DC
HAUL3A	1ST HIGHEST VALUE IS	15.27912	AT (	421764.00,	3758880.00,	207.50,	336.82,	0.00)	DC
	2ND HIGHEST VALUE IS	9.12654	AT (	421675.60,	3758827.42,	205.76,	336.82,	0.00)	DC
	3RD HIGHEST VALUE IS	8.94338	AT (	421714.00,	3758830.00,	203.06,	336.82,	0.00)	DC
	4TH HIGHEST VALUE IS	7.05126	AT (	421732.05,	3758874.84,	204.63,	336.82,	0.00)	DC
	5TH HIGHEST VALUE IS	6.62796	AT (	421764.00,	3758830.00,	204.97,	336.82,	0.00)	DC
	6TH HIGHEST VALUE IS	6.04026	AT (	421814.00,	3758880.00,	211.14,	336.82,	0.00)	DC
	7TH HIGHEST VALUE IS	5.02108	AT (	421814.00,	3759080.00,	209.06,	318.95,	0.00)	DC
	8TH HIGHEST VALUE IS	4.56399	AT (	421664.00,	3758780.00,	203.57,	336.82,	0.00)	DC
	9TH HIGHEST VALUE IS	4.47340	AT (	421714.00,	3758780.00,	207.59,	336.82,	0.00)	DC
	10TH HIGHEST VALUE IS	4.43347	AT (	421864.00,	3758980.00,	211.46,	318.95,	0.00)	DC
HAUL3B	1ST HIGHEST VALUE IS	6.20775	AT (	421732.05,	3758874.84,	204.63,	336.82,	0.00)	DC
	2ND HIGHEST VALUE IS	5.02238	AT (	421675.60,	3758827.42,	205.76,	336.82,	0.00)	DC
	3RD HIGHEST VALUE IS	4.37190	AT (	421764.00,	3758880.00,	207.50,	336.82,	0.00)	DC
	4TH HIGHEST VALUE IS	4.13955	AT (	421714.00,	3758830.00,	203.06,	336.82,	0.00)	DC
	5TH HIGHEST VALUE IS	3.06082	AT (	421814.00,	3759080.00,	209.06,	318.95,	0.00)	DC
	6TH HIGHEST VALUE IS	3.04204	AT (	421614.00,	3758780.00,	204.94,	336.82,	0.00)	DC
	7TH HIGHEST VALUE IS	2.89607	AT (	421664.00,	3758780.00,	203.57,	336.82,	0.00)	DC
	8TH HIGHEST VALUE IS	2.88166	AT (	421764.00,	3758830.00,	204.97,	336.82,	0.00)	DC
	9TH HIGHEST VALUE IS	2.65048	AT (	421814.00,	3759130.00,	209.26,	316.97,	0.00)	DC
	10TH HIGHEST VALUE IS	2.52900	AT (	421714.00,	3758780.00,	207.59,	336.82,	0.00)	DC
ALL	1ST HIGHEST VALUE IS	267.10274	AT (	421403.69,	3758283.87,	202.98,	342.92,	0.00)	DC
	2ND HIGHEST VALUE IS	103.68245	AT (	421464.00,	3758280.00,	203.17,	342.92,	0.00)	DC
	3RD HIGHEST VALUE IS	101.24865	AT (	421314.00,	3758230.00,	198.03,	342.92,	0.00)	DC
	4TH HIGHEST VALUE IS	88.28200	AT (	421414.00,	3758330.00,	203.15,	342.92,	0.00)	DC
	5TH HIGHEST VALUE IS	81.34616	AT (	421464.00,	3758330.00,	202.56,	342.92,	0.00)	DC
	6TH HIGHEST VALUE IS	65.51798	AT (	421464.00,	3758530.00,	201.51,	342.92,	0.00)	DC
	7TH HIGHEST VALUE IS	65.00006	AT (	421264.00,	3758180.00,	197.50,	342.92,	0.00)	DC
	8TH HIGHEST VALUE IS	62.92739	AT (	421499.82,	3758461.95,	202.15,	342.92,	0.00)	DC
	9TH HIGHEST VALUE IS	61.96533	AT (	421314.00,	3758280.00,	198.72,	342.92,	0.00)	DC
	10TH HIGHEST VALUE IS	59.98705	AT (	421364.00,	3758330.00,	199.33,	342.92,	0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\ESA Projects\Crooked Creek\Crooked Creek.isc ***
11/07/20
*** AERMET - VERSION 16216 *** ***
05:31:32 ***

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*** MODELOPTs: RegDEFAULT 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 4 Warning Message(s)
A Total of 1277 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 152 Calm Hours Identified

A Total of 1125 Missing Hours Identified (2.57 Percent)

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

***** WARNING MESSAGES *****
ME W186 2697 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2697 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 26305 CHKDAT: Record Out of Sequence in Meteorological File at: 15010101
MX W450 26305 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

*** AERMOD Finishes Successfully ***
