

**Appendix B:**  
**Air Quality and Greenhouse Gas Supporting Information**

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**B.1 - Modeling Data**

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**4475.0002 Eastvale Construction Run  
Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2017
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - 23.26 total acres; Walmart 192,000 sq ft; additional retail land use types are assumed for analysis purposes; storm water retention basin 0.46 acre

Construction Phase - Estimated construction schedule

Off-road Equipment -

Off-road Equipment - Based on expected equipment usage

Off-road Equipment - Based on expected equipment usage. An off-highway truck was added to represent a water truck that will be used.

Off-road Equipment - Based on expected equipment usage

Off-road Equipment - Based on expected equipment usage. An off-highway truck was added to represent a water truck that will be used.

Trips and VMT - 66,050 cy to be exported during site preparation and 101,620 cy to be imported during grading; assumes trucks will hold 18-cubic yards

Grading - 66,050 cy to be exported during site preparation and 101,620 cy to be imported during grading

Architectural Coating - Required by SCAQMD Rule 1113 Architectural Coatings. Coatings area 2 x building SF. 75% interior 25% exterior per CalEEMod App A.

Area Coating -

Construction Off-road Equipment Mitigation - Higher tier certification for equipment used during site preparation and grading phases

Area Mitigation - VOC Coatings 50 EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	506,436.00	108,080.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,519,307.00	324,239.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	61	55
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	61	55
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
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	370.00	300.00
tblConstructionPhase	NumDays	35.00	81.00
tblConstructionPhase	NumDays	10.00	54.00
tblGrading	MaterialExported	0.00	66,050.00
tblGrading	MaterialImported	0.00	101,620.00
tblOffRoadEquipment	HorsePower	400.00	250.00
tblOffRoadEquipment	HorsePower	400.00	189.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripNumber	8,256.00	7,340.00
tblTripsAndVMT	HaulingTripNumber	10,048.00	11,224.00

## 2.0 Emissions Summary

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## 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	26.4884	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	88.9280	168.9089	664.1679	1.3867	90.6228	2.2342	92.8569	24.1852	2.0561	26.2413		117,613.9104	117,613.9104	3.9664		117,697.2041
<b>Total</b>	<b>115.5345</b>	<b>169.9826</b>	<b>665.0954</b>	<b>1.3931</b>	<b>90.6228</b>	<b>2.3158</b>	<b>92.9386</b>	<b>24.1852</b>	<b>2.1378</b>	<b>26.3230</b>		<b>118,902.0877</b>	<b>118,902.0877</b>	<b>3.9912</b>	<b>0.0236</b>	<b>118,993.2238</b>

### 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	22.6298	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	88.9280	168.9089	664.1679	1.3867	90.6228	2.2342	92.8569	24.1852	2.0561	26.2413		117,613.9104	117,613.9104	3.9664		117,697.2041
<b>Total</b>	<b>111.6759</b>	<b>169.9826</b>	<b>665.0954</b>	<b>1.3931</b>	<b>90.6228</b>	<b>2.3158</b>	<b>92.9386</b>	<b>24.1852</b>	<b>2.1378</b>	<b>26.3230</b>		<b>118,902.0877</b>	<b>118,902.0877</b>	<b>3.9912</b>	<b>0.0236</b>	<b>118,993.2238</b>

	ROG	NOx	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	3.34	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	1/1/2016	3/16/2016	5	54	
2	Grading	Grading	3/17/2016	7/7/2016	5	81	
3	Paving	Paving	7/8/2016	8/4/2016	5	20	
4	Building Construction	Building Construction	8/5/2016	9/28/2017	5	300	
5	Architectural Coating	Architectural Coating	9/29/2017	10/26/2017	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 202.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 324,239; Non-Residential Outdoor: 108,080 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Off-Highway Trucks	1	8.00	250	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Off-Highway Trucks	1	8.00	189	0.38
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

**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	8	20.00	0.00	7,340.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	23.00	0.00	11,224.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	405.00	166.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	81.00	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

Water Exposed Area

Clean Paved Roads

### 3.2 Site Preparation - 2016

#### 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					9.1880	0.0000	9.1880	4.9888	0.0000	4.9888			0.0000			0.0000
Off-Road	5.8239	62.7191	44.1610	0.0472		3.2867	3.2867		3.0238	3.0238		4,906.905 7	4,906.905 7	1.4801		4,937.987 7
<b>Total</b>	<b>5.8239</b>	<b>62.7191</b>	<b>44.1610</b>	<b>0.0472</b>	<b>9.1880</b>	<b>3.2867</b>	<b>12.4748</b>	<b>4.9888</b>	<b>3.0238</b>	<b>8.0126</b>		<b>4,906.905 7</b>	<b>4,906.905 7</b>	<b>1.4801</b>		<b>4,937.987 7</b>

### 3.2 Site Preparation - 2016

#### 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	2.0356	36.0181	22.9938	0.0968	2.3711	0.6592	3.0303	0.6495	0.6064	1.2558		9,761.2238	9,761.2238	0.0617		9,762.5188
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	0.0766	0.0905	1.1342	2.6800e-003	0.2236	1.4000e-003	0.2250	0.0593	1.2800e-003	0.0606		221.9163	221.9163	9.5700e-003		222.1173
<b>Total</b>	<b>2.1122</b>	<b>36.1086</b>	<b>24.1280</b>	<b>0.0995</b>	<b>2.5947</b>	<b>0.6606</b>	<b>3.2552</b>	<b>0.7087</b>	<b>0.6076</b>	<b>1.3164</b>		<b>9,983.1401</b>	<b>9,983.1401</b>	<b>0.0712</b>		<b>9,984.6362</b>

#### 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					4.1346	0.0000	4.1346	2.2450	0.0000	2.2450			0.0000			0.0000
Off-Road	0.5763	2.4971	24.9276	0.0472		0.0768	0.0768		0.0768	0.0768	0.0000	4,906.9057	4,906.9057	1.4801		4,937.9877
<b>Total</b>	<b>0.5763</b>	<b>2.4971</b>	<b>24.9276</b>	<b>0.0472</b>	<b>4.1346</b>	<b>0.0768</b>	<b>4.2115</b>	<b>2.2450</b>	<b>0.0768</b>	<b>2.3218</b>	<b>0.0000</b>	<b>4,906.9057</b>	<b>4,906.9057</b>	<b>1.4801</b>		<b>4,937.9877</b>

### 3.2 Site Preparation - 2016

#### 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	2.0356	36.0181	22.9938	0.0968	2.3711	0.6592	3.0303	0.6495	0.6064	1.2558		9,761.2238	9,761.2238	0.0617		9,762.5188
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	0.0766	0.0905	1.1342	2.6800e-003	0.2236	1.4000e-003	0.2250	0.0593	1.2800e-003	0.0606		221.9163	221.9163	9.5700e-003		222.1173
<b>Total</b>	<b>2.1122</b>	<b>36.1086</b>	<b>24.1280</b>	<b>0.0995</b>	<b>2.5947</b>	<b>0.6606</b>	<b>3.2552</b>	<b>0.7087</b>	<b>0.6076</b>	<b>1.3164</b>		<b>9,983.1401</b>	<b>9,983.1401</b>	<b>0.0712</b>		<b>9,984.6362</b>

### 3.3 Grading - 2016

#### 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	7.0441	80.9274	51.4476	0.0678		3.8474	3.8474		3.5396	3.5396		7,051.4574	7,051.4574	2.1270		7,096.1238
<b>Total</b>	<b>7.0441</b>	<b>80.9274</b>	<b>51.4476</b>	<b>0.0678</b>	<b>8.6733</b>	<b>3.8474</b>	<b>12.5207</b>	<b>3.5965</b>	<b>3.5396</b>	<b>7.1361</b>		<b>7,051.4574</b>	<b>7,051.4574</b>	<b>2.1270</b>		<b>7,096.1238</b>

### 3.3 Grading - 2016

#### 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	2.0752	36.7182	23.4407	0.0987	2.4172	0.6720	3.0892	0.6621	0.6181	1.2802		9,950.9515	9,950.9515	0.0629		9,952.2717
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	0.0881	0.1041	1.3043	3.0900e-003	0.2571	1.6100e-003	0.2587	0.0682	1.4800e-003	0.0697		255.2038	255.2038	0.0110		255.4349
<b>Total</b>	<b>2.1633</b>	<b>36.8222</b>	<b>24.7450</b>	<b>0.1018</b>	<b>2.6743</b>	<b>0.6736</b>	<b>3.3479</b>	<b>0.7303</b>	<b>0.6196</b>	<b>1.3499</b>		<b>10,206.1552</b>	<b>10,206.1552</b>	<b>0.0739</b>		<b>10,207.7066</b>

#### 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					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	0.8324	3.6071	37.5654	0.0678		0.1110	0.1110		0.1110	0.1110	0.0000	7,051.4574	7,051.4574	2.1270		7,096.1238
<b>Total</b>	<b>0.8324</b>	<b>3.6071</b>	<b>37.5654</b>	<b>0.0678</b>	<b>3.9030</b>	<b>0.1110</b>	<b>4.0140</b>	<b>1.6184</b>	<b>0.1110</b>	<b>1.7294</b>	<b>0.0000</b>	<b>7,051.4574</b>	<b>7,051.4574</b>	<b>2.1270</b>		<b>7,096.1238</b>

### 3.3 Grading - 2016

#### 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	2.0752	36.7182	23.4407	0.0987	2.4172	0.6720	3.0892	0.6621	0.6181	1.2802		9,950.9515	9,950.9515	0.0629		9,952.2717
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	0.0881	0.1041	1.3043	3.0900e-003	0.2571	1.6100e-003	0.2587	0.0682	1.4800e-003	0.0697		255.2038	255.2038	0.0110		255.4349
<b>Total</b>	<b>2.1633</b>	<b>36.8222</b>	<b>24.7450</b>	<b>0.1018</b>	<b>2.6743</b>	<b>0.6736</b>	<b>3.3479</b>	<b>0.7303</b>	<b>0.6196</b>	<b>1.3499</b>		<b>10,206.1552</b>	<b>10,206.1552</b>	<b>0.0739</b>		<b>10,207.7066</b>

### 3.4 Paving - 2016

#### 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	2.3357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>4.4255</b>	<b>22.3859</b>	<b>14.8176</b>	<b>0.0223</b>		<b>1.2610</b>	<b>1.2610</b>		<b>1.1601</b>	<b>1.1601</b>		<b>2,316.3767</b>	<b>2,316.3767</b>	<b>0.6987</b>		<b>2,331.0495</b>



### 3.4 Paving - 2016

#### 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	0.0575	0.0679	0.8507	2.0100e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		166.4372	166.4372	7.1800e-003			166.5880
<b>Total</b>	<b>0.0575</b>	<b>0.0679</b>	<b>0.8507</b>	<b>2.0100e-003</b>	<b>0.1677</b>	<b>1.0500e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.4372</b>	<b>166.4372</b>	<b>7.1800e-003</b>			<b>166.5880</b>

#### 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987			2,331.0495
Paving	2.3357					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
<b>Total</b>	<b>4.4255</b>	<b>22.3859</b>	<b>14.8176</b>	<b>0.0223</b>		<b>1.2610</b>	<b>1.2610</b>		<b>1.1601</b>	<b>1.1601</b>	<b>0.0000</b>	<b>2,316.3767</b>	<b>2,316.3767</b>	<b>0.6987</b>			<b>2,331.0495</b>

### 3.4 Paving - 2016

#### 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	0.0575	0.0679	0.8507	2.0100e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		166.4372	166.4372	7.1800e-003		166.5880
<b>Total</b>	<b>0.0575</b>	<b>0.0679</b>	<b>0.8507</b>	<b>2.0100e-003</b>	<b>0.1677</b>	<b>1.0500e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>166.4372</b>	<b>166.4372</b>	<b>7.1800e-003</b>		<b>166.5880</b>

### 3.5 Building Construction - 2016

#### 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
<b>Total</b>	<b>3.4062</b>	<b>28.5063</b>	<b>18.5066</b>	<b>0.0268</b>		<b>1.9674</b>	<b>1.9674</b>		<b>1.8485</b>	<b>1.8485</b>		<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>		<b>2,683.1890</b>

### 3.5 Building Construction - 2016

#### 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	1.2910	13.9300	14.5869	0.0349	1.0444	0.2704	1.3148	0.2983	0.2486	0.5470		3,507.2510	3,507.2510	0.0228			3,507.7302
Worker	1.5518	1.8324	22.9678	0.0543	4.5269	0.0283	4.5552	1.2006	0.0260	1.2266		4,493.8056	4,493.8056	0.1938			4,497.8759
<b>Total</b>	<b>2.8428</b>	<b>15.7624</b>	<b>37.5547</b>	<b>0.0893</b>	<b>5.5713</b>	<b>0.2987</b>	<b>5.8700</b>	<b>1.4989</b>	<b>0.2747</b>	<b>1.7735</b>		<b>8,001.0565</b>	<b>8,001.0565</b>	<b>0.2166</b>			<b>8,005.6060</b>

#### 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	2.6119	20.3938	18.3214	0.0268		1.3228	1.3228		1.2565	1.2565	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890
<b>Total</b>	<b>2.6119</b>	<b>20.3938</b>	<b>18.3214</b>	<b>0.0268</b>		<b>1.3228</b>	<b>1.3228</b>		<b>1.2565</b>	<b>1.2565</b>	<b>0.0000</b>	<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>			<b>2,683.1890</b>

### 3.5 Building Construction - 2016

#### 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	1.2910	13.9300	14.5869	0.0349	1.0444	0.2704	1.3148	0.2983	0.2486	0.5470		3,507.2510	3,507.2510	0.0228			3,507.7302
Worker	1.5518	1.8324	22.9678	0.0543	4.5269	0.0283	4.5552	1.2006	0.0260	1.2266		4,493.8056	4,493.8056	0.1938			4,497.8759
<b>Total</b>	<b>2.8428</b>	<b>15.7624</b>	<b>37.5547</b>	<b>0.0893</b>	<b>5.5713</b>	<b>0.2987</b>	<b>5.8700</b>	<b>1.4989</b>	<b>0.2747</b>	<b>1.7735</b>		<b>8,001.0565</b>	<b>8,001.0565</b>	<b>0.2166</b>			<b>8,005.6060</b>

### 3.5 Building Construction - 2017

#### 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>3.1024</b>	<b>26.4057</b>	<b>18.1291</b>	<b>0.0268</b>		<b>1.7812</b>	<b>1.7812</b>		<b>1.6730</b>	<b>1.6730</b>		<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Building Construction - 2017

#### 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	1.1649	12.6347	13.6150	0.0349	1.0444	0.2423	1.2867	0.2983	0.2229	0.5212		3,448.0303	3,448.0303	0.0220			3,448.4921
Worker	1.3901	1.6441	20.6269	0.0543	4.5269	0.0275	4.5545	1.2006	0.0254	1.2260		4,315.9080	4,315.9080	0.1778			4,319.6413
<b>Total</b>	<b>2.5549</b>	<b>14.2789</b>	<b>34.2419</b>	<b>0.0892</b>	<b>5.5714</b>	<b>0.2698</b>	<b>5.8412</b>	<b>1.4989</b>	<b>0.2483</b>	<b>1.7472</b>		<b>7,763.9383</b>	<b>7,763.9383</b>	<b>0.1998</b>			<b>7,768.1334</b>

#### 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	2.3705	18.8475	17.9932	0.0268		1.1936	1.1936		1.1334	1.1334	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>2.3705</b>	<b>18.8475</b>	<b>17.9932</b>	<b>0.0268</b>		<b>1.1936</b>	<b>1.1936</b>		<b>1.1334</b>	<b>1.1334</b>	<b>0.0000</b>	<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Building Construction - 2017

#### 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	1.1649	12.6347	13.6150	0.0349	1.0444	0.2423	1.2867	0.2983	0.2229	0.5212		3,448.0303	3,448.0303	0.0220			3,448.4921
Worker	1.3901	1.6441	20.6269	0.0543	4.5269	0.0275	4.5545	1.2006	0.0254	1.2260		4,315.9080	4,315.9080	0.1778			4,319.6413
<b>Total</b>	<b>2.5549</b>	<b>14.2789</b>	<b>34.2419</b>	<b>0.0892</b>	<b>5.5714</b>	<b>0.2698</b>	<b>5.8412</b>	<b>1.4989</b>	<b>0.2483</b>	<b>1.7472</b>		<b>7,763.9383</b>	<b>7,763.9383</b>	<b>0.1998</b>			<b>7,768.1334</b>

### 3.6 Architectural Coating - 2017

#### 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	50.0950					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721
<b>Total</b>	<b>50.4273</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>			<b>282.0721</b>

### 3.6 Architectural Coating - 2017

#### 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	0.2780	0.3288	4.1254	0.0109	0.9054	5.5000e-003	0.9109	0.2401	5.0800e-003	0.2452		863.1816	863.1816	0.0356			863.9283
<b>Total</b>	<b>0.2780</b>	<b>0.3288</b>	<b>4.1254</b>	<b>0.0109</b>	<b>0.9054</b>	<b>5.5000e-003</b>	<b>0.9109</b>	<b>0.2401</b>	<b>5.0800e-003</b>	<b>0.2452</b>		<b>863.1816</b>	<b>863.1816</b>	<b>0.0356</b>			<b>863.9283</b>

#### 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	50.0950					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297			282.0721
<b>Total</b>	<b>50.4273</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>			<b>282.0721</b>

### 3.6 Architectural Coating - 2017

#### 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	0.2780	0.3288	4.1254	0.0109	0.9054	5.5000e-003	0.9109	0.2401	5.0800e-003	0.2452		863.1816	863.1816	0.0356			863.9283
<b>Total</b>	<b>0.2780</b>	<b>0.3288</b>	<b>4.1254</b>	<b>0.0109</b>	<b>0.9054</b>	<b>5.5000e-003</b>	<b>0.9109</b>	<b>0.2401</b>	<b>5.0800e-003</b>	<b>0.2452</b>		<b>863.1816</b>	<b>863.1816</b>	<b>0.0356</b>			<b>863.9283</b>

### 4.0 Operational Detail - Mobile

#### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Unmitigated	88.9280	168.9089	664.1679	1.3867	90.6228	2.2342	92.8569	24.1852	2.0561	26.2413		117,613.9104	117,613.9104	3.9664			117,697.2041
Mitigated	88.9280	168.9089	664.1679	1.3867	90.6228	2.2342	92.8569	24.1852	2.0561	26.2413		117,613.9104	117,613.9104	3.9664			117,697.2041



### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	8,681.60	3,271.52	2670.08	4,207,932	4,207,932
Fast Food Restaurant w/o Drive Thru	5,155.20	5,011.20	3600.00	8,896,675	8,896,675
Fast Food Restaurant with Drive Thru	1,736.42	2,527.11	1899.52	1,970,780	1,970,780
Fast Food Restaurant with Drive Thru	992.24	1,444.06	1085.44	1,126,160	1,126,160
Free-Standing Discount Superstore	10,200.96	12,301.44	10775.04	20,039,415	20,039,415
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	407.74	386.77	187.96	710,332	710,332
<b>Total</b>	<b>27,174.16</b>	<b>24,942.09</b>	<b>20,218.04</b>	<b>36,951,294</b>	<b>36,951,294</b>

### 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
Convenience Market With Gas	16.60	8.40	6.90	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Free-Standing Discount	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.460962	0.069557	0.176974	0.170659	0.045477	0.007383	0.012841	0.043558	0.000954	0.001056	0.006454	0.000884	0.003242

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
NaturalGas Unmitigated	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622

### 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					
Fast Food Restaurant with Drive Thru	1520.6	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
Fast Food Restaurant with Drive Thru	2661.05	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1220.38	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	58.4767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
Convenience Market With Gas Pumps	14.3573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
Fast Food Restaurant w/o Drive Thru	5474.17	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>

### 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					
Fast Food Restaurant with Drive Thru	1.5206	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
Fast Food Restaurant with Drive Thru	2.66105	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1.22038	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	0.0584767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
Convenience Market With Gas Pumps	0.0143573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
Fast Food Restaurant w/o Drive Thru	5.47417	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	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					
Unmitigated	26.4884	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Mitigated	22.6298	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575

## 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	6.4310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>26.4884</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 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	2.5724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>22.6298</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

## 9.0 Operational Offroad

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

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**4475.0002 Eastvale Construction Run  
Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2017
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - 23.26 total acres; Walmart 192,000 sq ft; additional retail land use types are assumed for analysis purposes; storm water retention basin 0.46 acre

Construction Phase - Estimated construction schedule

Off-road Equipment -

Off-road Equipment - Based on expected equipment usage

Off-road Equipment - Based on expected equipment usage. An off-highway truck was added to represent a water truck that will be used.

Off-road Equipment - Based on expected equipment usage

Off-road Equipment - Based on expected equipment usage. An off-highway truck was added to represent a water truck that will be used.

Trips and VMT - 66,050 cy to be exported during site preparation and 101,620 cy to be imported during grading; assumes trucks will hold 18-cubic yards

Grading - 66,050 cy to be exported during site preparation and 101,620 cy to be imported during grading

Architectural Coating - Required by SCAQMD Rule 1113 Architectural Coatings. Coatings area 2 x building SF. 75% interior 25% exterior per CalEEMod App A.

Area Coating -

Construction Off-road Equipment Mitigation - Higher tier certification for equipment used during site preparation and grading phases

Area Mitigation - VOC Coatings 50 EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	506,436.00	108,080.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,519,307.00	324,239.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblConstDustMitigation	WaterExposedAreaPM10PercentReduction	61	55
tblConstDustMitigation	WaterExposedAreaPM25PercentReduction	61	55
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00



tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
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	370.00	300.00
tblConstructionPhase	NumDays	35.00	81.00
tblConstructionPhase	NumDays	10.00	54.00
tblGrading	MaterialExported	0.00	66,050.00
tblGrading	MaterialImported	0.00	101,620.00
tblOffRoadEquipment	HorsePower	400.00	250.00
tblOffRoadEquipment	HorsePower	400.00	189.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblTripsAndVMT	HaulingTripNumber	8,256.00	7,340.00
tblTripsAndVMT	HaulingTripNumber	10,048.00	11,224.00

## 2.0 Emissions Summary

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**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	26.4884	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	87.1653	174.7973	666.4565	1.2954	90.6228	2.2528	92.8755	24.1852	2.0732	26.2584		110,195.9743	110,195.9743	3.9770		110,279.4919
<b>Total</b>	<b>113.7717</b>	<b>175.8710</b>	<b>667.3840</b>	<b>1.3018</b>	<b>90.6228</b>	<b>2.3344</b>	<b>92.9572</b>	<b>24.1852</b>	<b>2.1549</b>	<b>26.3401</b>		<b>111,484.1516</b>	<b>111,484.1516</b>	<b>4.0019</b>	<b>0.0236</b>	<b>111,575.5116</b>

**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	22.6298	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	87.1653	174.7973	666.4565	1.2954	90.6228	2.2528	92.8755	24.1852	2.0732	26.2584		110,195.9743	110,195.9743	3.9770		110,279.4919
<b>Total</b>	<b>109.9131</b>	<b>175.8710</b>	<b>667.3840</b>	<b>1.3018</b>	<b>90.6228</b>	<b>2.3344</b>	<b>92.9572</b>	<b>24.1852</b>	<b>2.1549</b>	<b>26.3401</b>		<b>111,484.1516</b>	<b>111,484.1516</b>	<b>4.0019</b>	<b>0.0236</b>	<b>111,575.5116</b>

	ROG	NOx	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	3.39	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	1/1/2016	3/16/2016	5	54	
2	Grading	Grading	3/17/2016	7/7/2016	5	81	
3	Paving	Paving	7/8/2016	8/4/2016	5	20	
4	Building Construction	Building Construction	8/5/2016	9/28/2017	5	300	
5	Architectural Coating	Architectural Coating	9/29/2017	10/26/2017	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 202.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 324,239; Non-Residential Outdoor: 108,080 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Off-Highway Trucks	1	8.00	250	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Off-Highway Trucks	1	8.00	189	0.38
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

**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	8	20.00	0.00	7,340.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	23.00	0.00	11,224.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	405.00	166.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	81.00	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

Water Exposed Area

Clean Paved Roads

### 3.2 Site Preparation - 2016

#### 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					9.1880	0.0000	9.1880	4.9888	0.0000	4.9888			0.0000			0.0000
Off-Road	5.8239	62.7191	44.1610	0.0472		3.2867	3.2867		3.0238	3.0238		4,906.905 7	4,906.905 7	1.4801		4,937.987 7
<b>Total</b>	<b>5.8239</b>	<b>62.7191</b>	<b>44.1610</b>	<b>0.0472</b>	<b>9.1880</b>	<b>3.2867</b>	<b>12.4748</b>	<b>4.9888</b>	<b>3.0238</b>	<b>8.0126</b>		<b>4,906.905 7</b>	<b>4,906.905 7</b>	<b>1.4801</b>		<b>4,937.987 7</b>

### 3.2 Site Preparation - 2016

#### 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	2.1184	37.3905	25.2924	0.0966	2.3711	0.6606	3.0317	0.6495	0.6076	1.2571		9,737.2055	9,737.2055	0.0626		9,738.5207
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	0.0731	0.0964	0.9773	2.4500e-003	0.2236	1.4000e-003	0.2250	0.0593	1.2800e-003	0.0606		202.7974	202.7974	9.5700e-003		202.9984
<b>Total</b>	<b>2.1915</b>	<b>37.4869</b>	<b>26.2697</b>	<b>0.0990</b>	<b>2.5947</b>	<b>0.6620</b>	<b>3.2566</b>	<b>0.7087</b>	<b>0.6089</b>	<b>1.3176</b>		<b>9,940.0028</b>	<b>9,940.0028</b>	<b>0.0722</b>		<b>9,941.5190</b>

#### 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					4.1346	0.0000	4.1346	2.2450	0.0000	2.2450			0.0000			0.0000
Off-Road	0.5763	2.4971	24.9276	0.0472		0.0768	0.0768		0.0768	0.0768	0.0000	4,906.9057	4,906.9057	1.4801		4,937.9877
<b>Total</b>	<b>0.5763</b>	<b>2.4971</b>	<b>24.9276</b>	<b>0.0472</b>	<b>4.1346</b>	<b>0.0768</b>	<b>4.2115</b>	<b>2.2450</b>	<b>0.0768</b>	<b>2.3218</b>	<b>0.0000</b>	<b>4,906.9057</b>	<b>4,906.9057</b>	<b>1.4801</b>		<b>4,937.9877</b>

### 3.2 Site Preparation - 2016

#### 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	2.1184	37.3905	25.2924	0.0966	2.3711	0.6606	3.0317	0.6495	0.6076	1.2571		9,737.2055	9,737.2055	0.0626		9,738.5207
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	0.0731	0.0964	0.9773	2.4500e-003	0.2236	1.4000e-003	0.2250	0.0593	1.2800e-003	0.0606		202.7974	202.7974	9.5700e-003		202.9984
<b>Total</b>	<b>2.1915</b>	<b>37.4869</b>	<b>26.2697</b>	<b>0.0990</b>	<b>2.5947</b>	<b>0.6620</b>	<b>3.2566</b>	<b>0.7087</b>	<b>0.6089</b>	<b>1.3176</b>		<b>9,940.0028</b>	<b>9,940.0028</b>	<b>0.0722</b>		<b>9,941.5190</b>

### 3.3 Grading - 2016

#### 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	7.0441	80.9274	51.4476	0.0678		3.8474	3.8474		3.5396	3.5396		7,051.4574	7,051.4574	2.1270		7,096.1238
<b>Total</b>	<b>7.0441</b>	<b>80.9274</b>	<b>51.4476</b>	<b>0.0678</b>	<b>8.6733</b>	<b>3.8474</b>	<b>12.5207</b>	<b>3.5965</b>	<b>3.5396</b>	<b>7.1361</b>		<b>7,051.4574</b>	<b>7,051.4574</b>	<b>2.1270</b>		<b>7,096.1238</b>



### 3.3 Grading - 2016

#### 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	2.1596	38.1173	25.7840	0.0985	2.4172	0.6734	3.0906	0.6621	0.6194	1.2815		9,926.4663	9,926.4663	0.0639		9,927.8071
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	0.0841	0.1109	1.1239	2.8200e-003	0.2571	1.6100e-003	0.2587	0.0682	1.4800e-003	0.0697		233.2170	233.2170	0.0110		233.4481
<b>Total</b>	<b>2.2436</b>	<b>38.2281</b>	<b>26.9079</b>	<b>0.1013</b>	<b>2.6743</b>	<b>0.6750</b>	<b>3.3493</b>	<b>0.7303</b>	<b>0.6209</b>	<b>1.3512</b>		<b>10,159.6833</b>	<b>10,159.6833</b>	<b>0.0749</b>		<b>10,161.2552</b>

#### 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					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	0.8324	3.6071	37.5654	0.0678		0.1110	0.1110		0.1110	0.1110	0.0000	7,051.4574	7,051.4574	2.1270		7,096.1238
<b>Total</b>	<b>0.8324</b>	<b>3.6071</b>	<b>37.5654</b>	<b>0.0678</b>	<b>3.9030</b>	<b>0.1110</b>	<b>4.0140</b>	<b>1.6184</b>	<b>0.1110</b>	<b>1.7294</b>	<b>0.0000</b>	<b>7,051.4574</b>	<b>7,051.4574</b>	<b>2.1270</b>		<b>7,096.1238</b>

### 3.3 Grading - 2016

#### 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	2.1596	38.1173	25.7840	0.0985	2.4172	0.6734	3.0906	0.6621	0.6194	1.2815		9,926.4663	9,926.4663	0.0639		9,927.8071
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	0.0841	0.1109	1.1239	2.8200e-003	0.2571	1.6100e-003	0.2587	0.0682	1.4800e-003	0.0697		233.2170	233.2170	0.0110		233.4481
<b>Total</b>	<b>2.2436</b>	<b>38.2281</b>	<b>26.9079</b>	<b>0.1013</b>	<b>2.6743</b>	<b>0.6750</b>	<b>3.3493</b>	<b>0.7303</b>	<b>0.6209</b>	<b>1.3512</b>		<b>10,159.6833</b>	<b>10,159.6833</b>	<b>0.0749</b>		<b>10,161.2552</b>

### 3.4 Paving - 2016

#### 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	2.3357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>4.4255</b>	<b>22.3859</b>	<b>14.8176</b>	<b>0.0223</b>		<b>1.2610</b>	<b>1.2610</b>		<b>1.1601</b>	<b>1.1601</b>		<b>2,316.3767</b>	<b>2,316.3767</b>	<b>0.6987</b>		<b>2,331.0495</b>

### 3.4 Paving - 2016

#### 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	0.0548	0.0723	0.7330	1.8400e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		152.0980	152.0980	7.1800e-003			152.2488
<b>Total</b>	<b>0.0548</b>	<b>0.0723</b>	<b>0.7330</b>	<b>1.8400e-003</b>	<b>0.1677</b>	<b>1.0500e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>152.0980</b>	<b>152.0980</b>	<b>7.1800e-003</b>			<b>152.2488</b>

#### 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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987			2,331.0495
Paving	2.3357					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
<b>Total</b>	<b>4.4255</b>	<b>22.3859</b>	<b>14.8176</b>	<b>0.0223</b>		<b>1.2610</b>	<b>1.2610</b>		<b>1.1601</b>	<b>1.1601</b>	<b>0.0000</b>	<b>2,316.3767</b>	<b>2,316.3767</b>	<b>0.6987</b>			<b>2,331.0495</b>

### 3.4 Paving - 2016

#### 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	0.0548	0.0723	0.7330	1.8400e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		152.0980	152.0980	7.1800e-003			152.2488
<b>Total</b>	<b>0.0548</b>	<b>0.0723</b>	<b>0.7330</b>	<b>1.8400e-003</b>	<b>0.1677</b>	<b>1.0500e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.6000e-004</b>	<b>0.0454</b>		<b>152.0980</b>	<b>152.0980</b>	<b>7.1800e-003</b>			<b>152.2488</b>

### 3.5 Building Construction - 2016

#### 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620			2,683.1890
<b>Total</b>	<b>3.4062</b>	<b>28.5063</b>	<b>18.5066</b>	<b>0.0268</b>		<b>1.9674</b>	<b>1.9674</b>		<b>1.8485</b>	<b>1.8485</b>		<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>			<b>2,683.1890</b>

### 3.5 Building Construction - 2016

#### 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	1.3759	14.2798	16.5853	0.0347	1.0444	0.2728	1.3172	0.2983	0.2509	0.5492		3,476.8978	3,476.8978	0.0236			3,477.3932
Worker	1.4804	1.9520	19.7902	0.0496	4.5269	0.0283	4.5552	1.2006	0.0260	1.2266		4,106.6470	4,106.6470	0.1938			4,110.7173
<b>Total</b>	<b>2.8563</b>	<b>16.2318</b>	<b>36.3755</b>	<b>0.0842</b>	<b>5.5713</b>	<b>0.3011</b>	<b>5.8724</b>	<b>1.4989</b>	<b>0.2769</b>	<b>1.7758</b>		<b>7,583.5448</b>	<b>7,583.5448</b>	<b>0.2174</b>			<b>7,588.1105</b>

#### 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	2.6119	20.3938	18.3214	0.0268		1.3228	1.3228		1.2565	1.2565	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890
<b>Total</b>	<b>2.6119</b>	<b>20.3938</b>	<b>18.3214</b>	<b>0.0268</b>		<b>1.3228</b>	<b>1.3228</b>		<b>1.2565</b>	<b>1.2565</b>	<b>0.0000</b>	<b>2,669.2864</b>	<b>2,669.2864</b>	<b>0.6620</b>			<b>2,683.1890</b>

### 3.5 Building Construction - 2016

#### 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	1.3759	14.2798	16.5853	0.0347	1.0444	0.2728	1.3172	0.2983	0.2509	0.5492		3,476.8978	3,476.8978	0.0236			3,477.3932
Worker	1.4804	1.9520	19.7902	0.0496	4.5269	0.0283	4.5552	1.2006	0.0260	1.2266		4,106.6470	4,106.6470	0.1938			4,110.7173
<b>Total</b>	<b>2.8563</b>	<b>16.2318</b>	<b>36.3755</b>	<b>0.0842</b>	<b>5.5713</b>	<b>0.3011</b>	<b>5.8724</b>	<b>1.4989</b>	<b>0.2769</b>	<b>1.7758</b>		<b>7,583.5448</b>	<b>7,583.5448</b>	<b>0.2174</b>			<b>7,588.1105</b>

### 3.5 Building Construction - 2017

#### 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>3.1024</b>	<b>26.4057</b>	<b>18.1291</b>	<b>0.0268</b>		<b>1.7812</b>	<b>1.7812</b>		<b>1.6730</b>	<b>1.6730</b>		<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Building Construction - 2017

#### 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	1.2401	12.9427	15.6659	0.0346	1.0444	0.2444	1.2888	0.2983	0.2248	0.5231		3,418.0957	3,418.0957	0.0228			3,418.5739
Worker	1.3225	1.7499	17.7212	0.0496	4.5269	0.0275	4.5545	1.2006	0.0254	1.2260		3,943.6110	3,943.6110	0.1778			3,947.3443
<b>Total</b>	<b>2.5626</b>	<b>14.6925</b>	<b>33.3871</b>	<b>0.0842</b>	<b>5.5714</b>	<b>0.2719</b>	<b>5.8433</b>	<b>1.4989</b>	<b>0.2501</b>	<b>1.7490</b>		<b>7,361.7067</b>	<b>7,361.7067</b>	<b>0.2006</b>			<b>7,365.9182</b>

#### 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	2.3705	18.8475	17.9932	0.0268		1.1936	1.1936		1.1334	1.1334	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490
<b>Total</b>	<b>2.3705</b>	<b>18.8475</b>	<b>17.9932</b>	<b>0.0268</b>		<b>1.1936</b>	<b>1.1936</b>		<b>1.1334</b>	<b>1.1334</b>	<b>0.0000</b>	<b>2,639.8053</b>	<b>2,639.8053</b>	<b>0.6497</b>			<b>2,653.4490</b>

### 3.5 Building Construction - 2017

#### 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	1.2401	12.9427	15.6659	0.0346	1.0444	0.2444	1.2888	0.2983	0.2248	0.5231		3,418.0957	3,418.0957	0.0228			3,418.5739
Worker	1.3225	1.7499	17.7212	0.0496	4.5269	0.0275	4.5545	1.2006	0.0254	1.2260		3,943.6110	3,943.6110	0.1778			3,947.3443
<b>Total</b>	<b>2.5626</b>	<b>14.6925</b>	<b>33.3871</b>	<b>0.0842</b>	<b>5.5714</b>	<b>0.2719</b>	<b>5.8433</b>	<b>1.4989</b>	<b>0.2501</b>	<b>1.7490</b>		<b>7,361.7067</b>	<b>7,361.7067</b>	<b>0.2006</b>			<b>7,365.9182</b>

### 3.6 Architectural Coating - 2017

#### 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	50.0950					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297			282.0721
<b>Total</b>	<b>50.4273</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>			<b>282.0721</b>



### 3.6 Architectural Coating - 2017

#### 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	0.2645	0.3500	3.5443	9.9100e-003	0.9054	5.5000e-003	0.9109	0.2401	5.0800e-003	0.2452		788.7222	788.7222	0.0356			789.4689
<b>Total</b>	<b>0.2645</b>	<b>0.3500</b>	<b>3.5443</b>	<b>9.9100e-003</b>	<b>0.9054</b>	<b>5.5000e-003</b>	<b>0.9109</b>	<b>0.2401</b>	<b>5.0800e-003</b>	<b>0.2452</b>		<b>788.7222</b>	<b>788.7222</b>	<b>0.0356</b>			<b>789.4689</b>

#### 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	50.0950					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297			282.0721
<b>Total</b>	<b>50.4273</b>	<b>2.1850</b>	<b>1.8681</b>	<b>2.9700e-003</b>		<b>0.1733</b>	<b>0.1733</b>		<b>0.1733</b>	<b>0.1733</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0297</b>			<b>282.0721</b>

### 3.6 Architectural Coating - 2017

#### 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	0.2645	0.3500	3.5443	9.9100e-003	0.9054	5.5000e-003	0.9109	0.2401	5.0800e-003	0.2452		788.7222	788.7222	0.0356		789.4689
<b>Total</b>	<b>0.2645</b>	<b>0.3500</b>	<b>3.5443</b>	<b>9.9100e-003</b>	<b>0.9054</b>	<b>5.5000e-003</b>	<b>0.9109</b>	<b>0.2401</b>	<b>5.0800e-003</b>	<b>0.2452</b>		<b>788.7222</b>	<b>788.7222</b>	<b>0.0356</b>		<b>789.4689</b>

### 4.0 Operational Detail - Mobile

#### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	87.1653	174.7973	666.4565	1.2954	90.6228	2.2528	92.8755	24.1852	2.0732	26.2584		110,195.9743	110,195.9743	3.9770		110,279.4919
Mitigated	87.1653	174.7973	666.4565	1.2954	90.6228	2.2528	92.8755	24.1852	2.0732	26.2584		110,195.9743	110,195.9743	3.9770		110,279.4919

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	8,681.60	3,271.52	2670.08	4,207,932	4,207,932
Fast Food Restaurant w/o Drive Thru	5,155.20	5,011.20	3600.00	8,896,675	8,896,675
Fast Food Restaurant with Drive Thru	1,736.42	2,527.11	1899.52	1,970,780	1,970,780
Fast Food Restaurant with Drive Thru	992.24	1,444.06	1085.44	1,126,160	1,126,160
Free-Standing Discount Superstore	10,200.96	12,301.44	10775.04	20,039,415	20,039,415
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	407.74	386.77	187.96	710,332	710,332
<b>Total</b>	<b>27,174.16</b>	<b>24,942.09</b>	<b>20,218.04</b>	<b>36,951,294</b>	<b>36,951,294</b>

### 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
Convenience Market With Gas	16.60	8.40	6.90	0.80	80.20	19.00	14	21	65
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Free-Standing Discount	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.460962	0.069557	0.176974	0.170659	0.045477	0.007383	0.012841	0.043558	0.000954	0.001056	0.006454	0.000884	0.003242

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
NaturalGas Unmitigated	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622

### 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					
Fast Food Restaurant w/o Drive Thru	5474.17	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
Fast Food Restaurant with Drive Thru	1520.6	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
Fast Food Restaurant with Drive Thru	2661.05	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1220.38	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	58.4767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
Convenience Market With Gas Pumps	14.3573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>

### 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					
Fast Food Restaurant with Drive Thru	1.5206	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
Fast Food Restaurant with Drive Thru	2.66105	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1.22038	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	0.0584767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
Convenience Market With Gas Pumps	0.0143573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
Fast Food Restaurant w/o Drive Thru	5.47417	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	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					
Unmitigated	26.4884	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Mitigated	22.6298	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575

## 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	6.4310					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>26.4884</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 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	2.5724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>22.6298</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 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 Vegetation



**4475.0002 Eastvale Operational Light Duty Auto Run  
Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
User Defined Recreational	2.00	User Defined Unit	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2017
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - 23.26 total acres; Walmart 192,000 sq ft; storm water retention basin 0.46 acre; additional retail land use types are assumed for analysis purposes

Construction Phase - Operational run

Off-road Equipment - Operational run

Trips and VMT - Operational run

On-road Fugitive Dust -

Architectural Coating - VOC Coatings 50EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Vehicle Trips - Based on 2015 Eastvale Walmart Traffic Impact Analysis prepared by Urban Crossroads

Vehicle Emission Factors - Fleet mix adjusted to reflect vehicles used by employees and customers

Vehicle Emission Factors - Light duty auto run

Vehicle Emission Factors - Light duty auto run

Consumer Products -

Area Coating - VOC coating 50 EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Energy Use - User Defined Recreational updated to reflect energy usage

Water And Wastewater - User defined recreational updated

Solid Waste - User defined recreational updated

Mobile Land Use Mitigation -

Area Mitigation - VOC Coatings 50EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInterior	250	50
tblConstructionPhase	Value NumDays	20.00	0.00
tblEnergyUse	LightingElect	0.00	8.79
tblEnergyUse	NT24E	0.00	28.48
tblEnergyUse	NT24NG	0.00	195.77
tblEnergyUse	T24E	0.00	15.13
tblEnergyUse	T24NG	0.00	81.74
tblLandUse	LandUseSquareFeet	0.00	2,000.00
tblLandUse	LotAcreage	0.00	0.05
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblSolidWaste	SolidWasteGenerationRate	0.00	40.32
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	0.00

tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	81.00	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleTrips	CC_TTP	0.00	78.80
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	2.20
tblVehicleTrips	DV_TP	0.00	21.00
tblVehicleTrips	PB_TP	65.00	56.00
tblVehicleTrips	PB_TP	12.00	43.00
tblVehicleTrips	PB_TP	0.00	50.00
tblVehicleTrips	PR_TP	14.00	23.00
tblVehicleTrips	PR_TP	51.00	20.00
tblVehicleTrips	PR_TP	0.00	29.00
tblVehicleTrips	ST_TR	204.47	137.53
tblVehicleTrips	ST_TR	696.00	626.40
tblVehicleTrips	ST_TR	722.03	649.83

tblVehicleTrips	ST_TR	64.07	57.66
tblVehicleTrips	ST_TR	42.04	37.84
tblVehicleTrips	ST_TR	0.00	736.65
tblVehicleTrips	SU_TR	166.88	137.53
tblVehicleTrips	SU_TR	500.00	450.00
tblVehicleTrips	SU_TR	542.72	488.45
tblVehicleTrips	SU_TR	56.12	50.51
tblVehicleTrips	SU_TR	20.43	18.39
tblVehicleTrips	SU_TR	0.00	736.65
tblVehicleTrips	WD_TR	542.60	137.53
tblVehicleTrips	WD_TR	716.00	644.31
tblVehicleTrips	WD_TR	496.12	446.40
tblVehicleTrips	WD_TR	53.13	45.68
tblVehicleTrips	WD_TR	44.32	39.91
tblVehicleTrips	WD_TR	0.00	736.65
tblWater	IndoorWaterUseRate	0.00	1,062,367.99
tblWater	OutdoorWaterUseRate	0.00	67,810.72

## 2.0 Emissions Summary

### 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	25.2022	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	60.1760	55.6719	392.5219	0.8984	66.4248	0.6006	67.0254	17.6673	0.5537	18.2210		73,585.7107	73,585.7107	2.9680		73,648.0394
<b>Total</b>	<b>85.4962</b>	<b>56.7456</b>	<b>393.4494</b>	<b>0.9048</b>	<b>66.4248</b>	<b>0.6823</b>	<b>67.1071</b>	<b>17.6673</b>	<b>0.6353</b>	<b>18.3027</b>		<b>74,873.8879</b>	<b>74,873.8879</b>	<b>2.9929</b>	<b>0.0236</b>	<b>74,944.0591</b>

### 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	21.3435	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0536	0.0536	1.5000e-004		0.0567
Energy	0.1052	0.9567	0.8036	5.7400e-003		0.0727	0.0727		0.0727	0.0727		1,148.0019	1,148.0019	0.0220	0.0211	1,154.9885
Mobile	59.9960	54.7990	386.6993	0.8813	65.0963	0.5915	65.6879	17.3140	0.5453	17.8593		72,186.0965	72,186.0965	2.9197		72,247.4093
<b>Total</b>	<b>81.4447</b>	<b>55.7559</b>	<b>387.5284</b>	<b>0.8870</b>	<b>65.0963</b>	<b>0.6643</b>	<b>65.7607</b>	<b>17.3140</b>	<b>0.6181</b>	<b>17.9321</b>		<b>73,334.1520</b>	<b>73,334.1520</b>	<b>2.9418</b>	<b>0.0211</b>	<b>73,402.4545</b>

	ROG	NOx	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
<b>Percent Reduction</b>	<b>4.74</b>	<b>1.74</b>	<b>1.50</b>	<b>1.96</b>	<b>2.00</b>	<b>2.63</b>	<b>2.01</b>	<b>2.00</b>	<b>2.71</b>	<b>2.02</b>	<b>0.00</b>	<b>2.06</b>	<b>2.06</b>	<b>1.71</b>	<b>10.88</b>	<b>2.06</b>

### 4.0 Operational Detail - Mobile

#### 4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	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					
Unmitigated	60.1760	55.6719	392.5219	0.8984	66.4248	0.6006	67.0254	17.6673	0.5537	18.2210		73,585.7107	73,585.7107	2.9680		73,648.0394
Mitigated	59.9960	54.7990	386.6993	0.8813	65.0963	0.5915	65.6879	17.3140	0.5453	17.8593		72,186.0965	72,186.0965	2.9197		72,247.4093

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Convenience Market With Gas Pumps	2,200.48	2,200.48	2200.48	1,895,923	1,858,004
Fast Food Restaurant w/o Drive Thru	4,639.00	4,510.08	3240.00	3,946,611	3,867,679
Fast Food Restaurant with Drive Thru	1,562.40	2,274.39	1709.57	1,773,418	1,737,949
Free-Standing Discount Superstore	8,770.56	11,071.30	9697.54	17,480,525	17,130,915
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	367.20	348.09	169.16	639,612	626,819
User Defined Recreational	1,473.30	1,473.30	1473.30	1,550,483	1,519,473
<b>Total</b>	<b>19,012.94</b>	<b>21,877.64</b>	<b>18,490.04</b>	<b>27,286,571</b>	<b>26,740,839</b>

### 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- ***	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas Pumps	16.60	8.40	6.90	0.80	80.20	19.00	23	21	56
Fast Food Restaurant w/o Drive Thru	16.60	8.40	6.90	1.50	79.50	19.00	20	37	43
Fast Food Restaurant with Drive Thru	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Free-Standing Discount Superstore	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
User Defined Recreational	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50

### 4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.479761	0.088356	0.195773	0.170659	0.045477	0.007383	0.000000	0.000000	0.000954	0.001056	0.006454	0.000884	0.003242

### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1052	0.9567	0.8036	5.7400e-003		0.0727	0.0727		0.0727	0.0727		1,148.0019	1,148.0019	0.0220	0.0211	1,154.9885
NaturalGas Unmitigated	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622

## 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					
Convenience Market With Gas Pumps	14.3573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
Fast Food Restaurant w/o Drive Thru	5474.17	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
Fast Food Restaurant with Drive Thru	2661.05	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1220.38	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	58.4767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
User Defined Recreational	1520.6	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>

**Mitigated**

	Natural Gas 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						
Convenience Market With Gas Pumps	0.0106071	1.1000e-004	1.0400e-003	8.7000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005			1.2479	1.2479	2.0000e-005	2.0000e-005	1.2555
Fast Food Restaurant w/o Drive Thru	4.99045	0.0538	0.4893	0.4110	2.9400e-003		0.0372	0.0372		0.0372	0.0372			587.1116	587.1116	0.0113	0.0108	590.6846
Fast Food Restaurant with Drive Thru	2.42591	0.0262	0.2378	0.1998	1.4300e-003		0.0181	0.0181		0.0181	0.0181			285.4015	285.4015	5.4700e-003	5.2300e-003	287.1384
Free-Standing Discount Superstore	0.901611	9.7200e-003	0.0884	0.0743	5.3000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003			106.0719	106.0719	2.0300e-003	1.9400e-003	106.7174
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
Other Non-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
Strip Mall	0.0432022	4.7000e-004	4.2400e-003	3.5600e-003	3.0000e-005		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004			5.0826	5.0826	1.0000e-004	9.0000e-005	5.1135
User Defined Recreational	1.38624	0.0150	0.1359	0.1142	8.2000e-004		0.0103	0.0103		0.0103	0.0103			163.0865	163.0865	3.1300e-003	2.9900e-003	164.0791
<b>Total</b>		<b>0.1052</b>	<b>0.9567</b>	<b>0.8036</b>	<b>5.7600e-003</b>		<b>0.0727</b>	<b>0.0727</b>		<b>0.0727</b>	<b>0.0727</b>			<b>1,148.0019</b>	<b>1,148.0019</b>	<b>0.0220</b>	<b>0.0210</b>	<b>1,154.9885</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	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					
Unmitigated	25.2022	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005			0.0543	0.0543	1.5000e-004	0.0575
Mitigated	21.3435	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005			0.0536	0.0536	1.5000e-004	0.0567

**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	5.1448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>25.2022</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

**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	1.2862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4500e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0536	0.0536	1.5000e-004		0.0567
<b>Total</b>	<b>21.3435</b>	<b>2.4000e-004</b>	<b>0.0255</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0536</b>	<b>0.0536</b>	<b>1.5000e-004</b>		<b>0.0567</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**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 Vegetation**

**4475.0002 Eastvale Operational Light Duty Auto Run**  
**Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
User Defined Recreational	2.00	User Defined Unit	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10	<b>Operational Year</b>		2017	
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 23.26 total acres; Walmart 192,000 sq ft; storm water retention basin 0.46 acre; additional retail land use types are assumed for analysis purposes

Construction Phase - Operational run

Off-road Equipment - Operational run

Trips and VMT - Operational run

On-road Fugitive Dust -

Architectural Coating - VOC Coatings 50EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Vehicle Trips - Based on 2015 Eastvale Walmart Traffic Impact Analysis prepared by Urban Crossroads

Vehicle Emission Factors - Fleet mix adjusted to reflect vehicles used by employees and customers

Vehicle Emission Factors - Light duty auto run

Vehicle Emission Factors - Light duty auto run

Consumer Products -

Area Coating - VOC coating 50 EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Energy Use - User Defined Recreational updated to reflect energy usage

Water And Wastewater - User defined recreational updated

Solid Waste - User defined recreational updated

Mobile Land Use Mitigation -

Area Mitigation - VOC Coatings 50EF (g/L) or lower required by SCAQMD Rule 1113 Architectural Coatings

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInterior	250	50
tblConstructionPhase	Value NumDays	20.00	0.00
tblEnergyUse	LightingElect	0.00	8.79
tblEnergyUse	NT24E	0.00	28.48
tblEnergyUse	NT24NG	0.00	195.77
tblEnergyUse	T24E	0.00	15.13
tblEnergyUse	T24NG	0.00	81.74
tblLandUse	LandUseSquareFeet	0.00	2,000.00
tblLandUse	LotAcreage	0.00	0.05
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblSolidWaste	SolidWasteGenerationRate	0.00	40.32
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	0.00

tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	81.00	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDA	0.46	0.48
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	LDT2	0.18	0.20
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleEF	MHD	0.01	0.00
tblVehicleTrips	CC_TTP	0.00	78.80
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	2.20
tblVehicleTrips	DV_TP	0.00	21.00
tblVehicleTrips	PB_TP	65.00	56.00
tblVehicleTrips	PB_TP	12.00	43.00
tblVehicleTrips	PB_TP	0.00	50.00
tblVehicleTrips	PR_TP	14.00	23.00
tblVehicleTrips	PR_TP	51.00	20.00
tblVehicleTrips	PR_TP	0.00	29.00
tblVehicleTrips	ST_TR	204.47	137.53
tblVehicleTrips	ST_TR	696.00	626.40
tblVehicleTrips	ST_TR	722.03	649.83

tblVehicleTrips	ST_TR	64.07	57.66
tblVehicleTrips	ST_TR	42.04	37.84
tblVehicleTrips	ST_TR	0.00	736.65
tblVehicleTrips	SU_TR	166.88	137.53
tblVehicleTrips	SU_TR	500.00	450.00
tblVehicleTrips	SU_TR	542.72	488.45
tblVehicleTrips	SU_TR	56.12	50.51
tblVehicleTrips	SU_TR	20.43	18.39
tblVehicleTrips	SU_TR	0.00	736.65
tblVehicleTrips	WD_TR	542.60	137.53
tblVehicleTrips	WD_TR	716.00	644.31
tblVehicleTrips	WD_TR	496.12	446.40
tblVehicleTrips	WD_TR	53.13	45.68
tblVehicleTrips	WD_TR	44.32	39.91
tblVehicleTrips	WD_TR	0.00	736.65
tblWater	IndoorWaterUseRate	0.00	1,062,367.99
tblWater	OutdoorWaterUseRate	0.00	67,810.72

## 2.0 Emissions Summary

### 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	25.2022	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Energy	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622
Mobile	58.1586	58.8230	372.6345	0.8289	66.4248	0.6012	67.0261	17.6673	0.5542	18.2216		68,006.0440	68,006.0440	2.9682		68,068.3759
<b>Total</b>	<b>83.4789</b>	<b>59.8967</b>	<b>373.5620</b>	<b>0.8353</b>	<b>66.4248</b>	<b>0.6829</b>	<b>67.1077</b>	<b>17.6673</b>	<b>0.6359</b>	<b>18.3032</b>		<b>69,294.2212</b>	<b>69,294.2212</b>	<b>2.9930</b>	<b>0.0236</b>	<b>69,364.3956</b>

## 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	21.3435	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0536	0.0536	1.5000e-004		0.0567
Energy	0.1052	0.9567	0.8036	5.7400e-003		0.0727	0.0727		0.0727	0.0727		1,148.0019	1,148.0019	0.0220	0.0211	1,154.9885
Mobile	57.9891	57.9009	367.7407	0.8132	65.0963	0.5922	65.6885	17.3140	0.5459	17.8599		66,717.8810	66,717.8810	2.9198		66,779.1969
<b>Total</b>	<b>79.4378</b>	<b>58.8578</b>	<b>368.5698</b>	<b>0.8189</b>	<b>65.0963</b>	<b>0.6650</b>	<b>65.7613</b>	<b>17.3140</b>	<b>0.6187</b>	<b>17.9327</b>		<b>67,865.9365</b>	<b>67,865.9365</b>	<b>2.9420</b>	<b>0.0211</b>	<b>67,934.2421</b>

	ROG	NOx	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
<b>Percent Reduction</b>	<b>4.84</b>	<b>1.73</b>	<b>1.34</b>	<b>1.96</b>	<b>2.00</b>	<b>2.63</b>	<b>2.01</b>	<b>2.00</b>	<b>2.71</b>	<b>2.02</b>	<b>0.00</b>	<b>2.06</b>	<b>2.06</b>	<b>1.71</b>	<b>10.88</b>	<b>2.06</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	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					
Unmitigated	58.1586	58.8230	372.6345	0.8289	66.4248	0.6012	67.0261	17.6673	0.5542	18.2216		68,006.0440	68,006.0440	2.9682		68,068.3759
Mitigated	57.9891	57.9009	367.7407	0.8132	65.0963	0.5922	65.6885	17.3140	0.5459	17.8599		66,717.8810	66,717.8810	2.9198		66,779.1969

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Convenience Market With Gas Pumps	2,200.48	2,200.48	2200.48	1,895,923	1,858,004
Fast Food Restaurant w/o Drive Thru	4,639.00	4,510.08	3240.00	3,946,611	3,867,679
Fast Food Restaurant with Drive Thru	1,562.40	2,274.39	1709.57	1,773,418	1,737,949
Free-Standing Discount Superstore	8,770.56	11,071.30	9697.54	17,480,525	17,130,915
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	367.20	348.09	169.16	639,612	626,819
User Defined Recreational	1,473.30	1,473.30	1473.30	1,550,483	1,519,473
<b>Total</b>	<b>19,012.94</b>	<b>21,877.64</b>	<b>18,490.04</b>	<b>27,286,571</b>	<b>26,740,839</b>

### 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- ***	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas Pumps	16.60	8.40	6.90	0.80	80.20	19.00	23	21	56
Fast Food Restaurant w/o Drive Thru	16.60	8.40	6.90	1.50	79.50	19.00	20	37	43
Fast Food Restaurant with Drive Thru	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
Free-Standing Discount Superstore	16.60	8.40	6.90	13.20	67.80	19.00	47.5	35.5	17
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
User Defined Recreational	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50

### 4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.479761	0.088356	0.195773	0.170659	0.045477	0.007383	0.000000	0.000000	0.000954	0.001056	0.006454	0.000884	0.003242

### 5.0 Energy Detail

Historical Energy Use: N

### 5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1052	0.9567	0.8036	5.7400e-003		0.0727	0.0727		0.0727	0.0727		1,148.0019	1,148.0019	0.0220	0.0211	1,154.9885
NaturalGas Unmitigated	0.1181	1.0734	0.9017	6.4400e-003		0.0816	0.0816		0.0816	0.0816		1,288.1229	1,288.1229	0.0247	0.0236	1,295.9622

## 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					
Convenience Market With Gas Pumps	14.3573	1.5000e-004	1.4100e-003	1.1800e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004		1.6891	1.6891	3.0000e-005	3.0000e-005	1.6994
Fast Food Restaurant w/o Drive Thru	5474.17	0.0590	0.5367	0.4508	3.2200e-003		0.0408	0.0408		0.0408	0.0408		644.0200	644.0200	0.0123	0.0118	647.9394
Fast Food Restaurant with Drive Thru	2661.05	0.0287	0.2609	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.0653	313.0653	6.0000e-003	5.7400e-003	314.9705
Free-Standing Discount Superstore	1220.38	0.0132	0.1197	0.1005	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.5745	143.5745	2.7500e-003	2.6300e-003	144.4483
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
Other Non-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
Strip Mall	58.4767	6.3000e-004	5.7300e-003	4.8200e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8796	6.8796	1.3000e-004	1.3000e-004	6.9215
User Defined Recreational	1520.6	0.0164	0.1491	0.1252	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.8944	178.8944	3.4300e-003	3.2800e-003	179.9832
<b>Total</b>		<b>0.1181</b>	<b>1.0734</b>	<b>0.9017</b>	<b>6.4400e-003</b>		<b>0.0816</b>	<b>0.0816</b>		<b>0.0816</b>	<b>0.0816</b>		<b>1,288.1229</b>	<b>1,288.1229</b>	<b>0.0247</b>	<b>0.0236</b>	<b>1,295.9622</b>



**Mitigated**

	Natural Gas 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						
Convenience Market With Gas Pumps	0.0106071	1.1000e-004	1.0400e-003	8.7000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005			1.2479	1.2479	2.0000e-005	2.0000e-005	1.2555
Fast Food Restaurant w/o Drive Thru	4.99045	0.0538	0.4893	0.4110	2.9400e-003		0.0372	0.0372		0.0372	0.0372			587.1116	587.1116	0.0113	0.0108	590.6846
Fast Food Restaurant with Drive Thru	2.42591	0.0262	0.2378	0.1998	1.4300e-003		0.0181	0.0181		0.0181	0.0181			285.4015	285.4015	5.4700e-003	5.2300e-003	287.1384
Free-Standing Discount Superstore	0.901611	9.7200e-003	0.0884	0.0743	5.3000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003			106.0719	106.0719	2.0300e-003	1.9400e-003	106.7174
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
Other Non-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
Strip Mall	0.0432022	4.7000e-004	4.2400e-003	3.5600e-003	3.0000e-005		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004			5.0826	5.0826	1.0000e-004	9.0000e-005	5.1135
User Defined Recreational	1.38624	0.0150	0.1359	0.1142	8.2000e-004		0.0103	0.0103		0.0103	0.0103			163.0865	163.0865	3.1300e-003	2.9900e-003	164.0791
<b>Total</b>		<b>0.1052</b>	<b>0.9567</b>	<b>0.8036</b>	<b>5.7600e-003</b>		<b>0.0727</b>	<b>0.0727</b>		<b>0.0727</b>	<b>0.0727</b>			<b>1,148.0019</b>	<b>1,148.0019</b>	<b>0.0220</b>	<b>0.0210</b>	<b>1,154.9885</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	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					
Unmitigated	25.2022	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005			0.0543	0.0543	1.5000e-004	0.0575
Mitigated	21.3435	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005			0.0536	0.0536	1.5000e-004	0.0567

## 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	5.1448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>25.2022</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

### 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	1.2862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4500e-003	2.4000e-004	0.0255	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0536	0.0536	1.5000e-004		0.0567
<b>Total</b>	<b>21.3435</b>	<b>2.4000e-004</b>	<b>0.0255</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0536</b>	<b>0.0536</b>	<b>1.5000e-004</b>		<b>0.0567</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 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 Vegetation

**4475.0002 Eastvale Operational Truck Only Run**  
**Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
User Defined Recreational	2.00	User Defined Unit	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10	<b>Operational Year</b>	2017		
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Walmart 192,000 sq ft; additional retail uses assumed for analysis purposes; storm water retention basin 0.46 acre

Construction Phase - Operational truck run

Off-road Equipment - Operational run

Trips and VMT - Operational run

Vehicle Trips - Based on estimated average daily truck deliveries during project operations; trip length increased to 40 miles

Vehicle Emission Factors - Truck only run

Vehicle Emission Factors - Fleet mix adjusted to reflect a truck only run

Vehicle Emission Factors - Fleet mix adjusted to represent a truck only run

Consumer Products - Truck only run

Area Coating - Truck only run

Energy Use - Truck only run

Water And Wastewater - User defined recreational updated

Solid Waste - User defined recreational updated

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	453611	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstructionPhase	NumDays	20.00	1.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	LightingElect	8.79	0.00
tblEnergyUse	LightingElect	8.79	0.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24E	15.13	0.00
tblEnergyUse	T24E	15.13	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24NG	2.02	0.00
tblEnergyUse	T24NG	81.74	0.00
tblEnergyUse	T24NG	81.74	0.00
tblEnergyUse	T24NG	2.02	0.00
tblEnergyUse	T24NG	2.02	0.00
tblLandUse	LandUseSquareFeet	0.00	2,000.00
tblLandUse	LotAcreage	0.00	0.05

tblOffRoadEquipment	HorsePower	78.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	82.94	0.00
tblSolidWaste	SolidWasteGenerationRate	40.32	0.00
tblSolidWaste	SolidWasteGenerationRate	825.73	0.00
tblSolidWaste	SolidWasteGenerationRate	9.66	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	0.00
tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	21.00	0.00
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LHD1	0.05	0.00

tblVehicleEF	LHD1	0.05	0.00
tblVehicleEF	LHD1	0.05	0.00
tblVehicleEF	LHD2	7.3830e-003	0.00
tblVehicleEF	LHD2	7.3830e-003	0.00
tblVehicleEF	LHD2	7.3830e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	SBUS	8.8400e-004	0.00
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tblVehicleEF	SBUS	8.8400e-004	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
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tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	80.20	0.00
tblVehicleTrips	CC_TTP	79.50	0.00
tblVehicleTrips	CC_TTP	78.80	0.00
tblVehicleTrips	CC_TTP	67.80	0.00
tblVehicleTrips	CC_TTP	64.40	0.00

tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.80	100.00
tblVehicleTrips	CW_TTP	1.50	100.00
tblVehicleTrips	CW_TTP	2.20	100.00
tblVehicleTrips	CW_TTP	13.20	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	16.60	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	35.50	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	65.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	17.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00

tblVehicleTrips	PR_TP	14.00	100.00
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tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	47.50	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	204.47	0.50
tblVehicleTrips	ST_TR	696.00	1.67
tblVehicleTrips	ST_TR	722.03	3.43
tblVehicleTrips	ST_TR	64.07	0.20
tblVehicleTrips	ST_TR	42.04	0.65
tblVehicleTrips	ST_TR	0.00	6.00
tblVehicleTrips	SU_TR	166.88	0.50
tblVehicleTrips	SU_TR	500.00	1.67
tblVehicleTrips	SU_TR	542.72	3.43
tblVehicleTrips	SU_TR	56.12	0.20
tblVehicleTrips	SU_TR	20.43	0.65
tblVehicleTrips	SU_TR	0.00	6.00
tblVehicleTrips	WD_TR	542.60	0.50
tblVehicleTrips	WD_TR	716.00	1.67
tblVehicleTrips	WD_TR	496.12	3.43
tblVehicleTrips	WD_TR	53.13	0.20
tblVehicleTrips	WD_TR	44.32	0.65
tblVehicleTrips	WD_TR	0.00	6.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
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tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00









## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5461	30.8037	14.0488	0.0984	3.2179	0.7210	3.9389	0.9194	0.6632	1.5827		9,769.6605	9,769.6605	0.0525		9,770.7631
Unmitigated	1.5461	30.8037	14.0488	0.0984	3.2179	0.7210	3.9389	0.9194	0.6632	1.5827		9,769.6605	9,769.6605	0.0525		9,770.7631

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	8.00	8.00	8.00	116,480	116,480
Fast Food Restaurant w/o Drive Thru	12.02	12.02	12.02	175,069	175,069
Fast Food Restaurant with Drive Thru	12.01	12.01	12.01	174,793	174,793
Free-Standing Discount Superstore	38.40	38.40	38.40	559,104	559,104
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	5.98	5.98	5.98	87,069	87,069
User Defined Recreational	12.00	12.00	12.00	174,720	174,720
<b>Total</b>	<b>88.41</b>	<b>88.41</b>	<b>88.41</b>	<b>1,287,235</b>	<b>1,287,235</b>

### 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
Convenience Market With Gas Pumps	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Fast Food Restaurant w/o Drive Thru	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Fast Food Restaurant with Drive Thru	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Free-Standing Discount Superstore	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Strip Mall	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
User Defined Recreational	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0

### 4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.522727	0.477273	0.000000	0.000000	0.000000	0.000000	0.000000

## 5.0 Energy Detail

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

### 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					
Fast Food Restaurant with Drive Thru	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
Free-Standing Discount Superstore	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
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
Other Non-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
Strip Mall	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
User Defined Recreational	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
Convenience Market With Gas Pumps	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
Fast Food Restaurant w/o Drive Thru	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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas 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					
Fast Food Restaurant with Drive Thru	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
Free-Standing Discount Superstore	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
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
Other Non-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
Strip Mall	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
User Defined Recreational	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
Convenience Market With Gas Pumps	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
Fast Food Restaurant w/o Drive Thru	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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**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	20.0573	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Unmitigated	20.0573	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575

## 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>20.0573</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

### 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>20.0573</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 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 Vegetation

**4475.0002 Eastvale Operational Truck Only Run**  
**Riverside-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	17.83	Acre	17.83	776,674.80	0
Other Non-Asphalt Surfaces	0.46	Acre	0.46	20,037.60	0
Fast Food Restaurant w/o Drive Thru	7.20	1000sqft	0.17	7,200.00	0
Fast Food Restaurant with Drive Thru	3.50	1000sqft	0.08	3,500.00	0
User Defined Recreational	2.00	User Defined Unit	0.05	2,000.00	0
Convenience Market With Gas Pumps	16.00	Pump	0.05	2,258.80	0
Free-Standing Discount Superstore	192.00	1000sqft	4.41	192,000.00	0
Strip Mall	9.20	1000sqft	0.21	9,200.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10	<b>Operational Year</b>	2017		
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - Walmart 192,000 sq ft; additional retail uses assumed for analysis purposes; storm water retention basin 0.46 acre

Construction Phase - Operational truck run

Off-road Equipment - Operational run

Trips and VMT - Operational run

Vehicle Trips - Based on estimated average daily truck deliveries during project operations; trip length increased to 40 miles

Vehicle Emission Factors - Truck only run

Vehicle Emission Factors - Fleet mix adjusted to reflect a truck only run



Vehicle Emission Factors - Fleet mix adjusted to represent a truck only run

Consumer Products - Truck only run

Area Coating - Truck only run

Energy Use - Truck only run

Water And Wastewater - User defined recreational updated

Solid Waste - User defined recreational updated

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	453611	0
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstructionPhase	NumDays	20.00	1.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	LightingElect	8.79	0.00
tblEnergyUse	LightingElect	8.79	0.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	LightingElect	7.62	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	28.48	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	195.77	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24E	15.13	0.00
tblEnergyUse	T24E	15.13	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24E	5.60	0.00
tblEnergyUse	T24NG	2.02	0.00
tblEnergyUse	T24NG	81.74	0.00
tblEnergyUse	T24NG	81.74	0.00
tblEnergyUse	T24NG	2.02	0.00
tblEnergyUse	T24NG	2.02	0.00
tblLandUse	LandUseSquareFeet	0.00	2,000.00
tblLandUse	LotAcreage	0.00	0.05
tblOffRoadEquipment	HorsePower	78.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	LandfillNoGasCapture	6.00	0.00
tblSolidWaste	SolidWasteGenerationRate	82.94	0.00
tblSolidWaste	SolidWasteGenerationRate	40.32	0.00
tblSolidWaste	SolidWasteGenerationRate	825.73	0.00
tblSolidWaste	SolidWasteGenerationRate	9.66	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	0.00
tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	21.00	0.00
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	HHD	0.04	0.48
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDA	0.46	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LDT2	0.18	0.00
tblVehicleEF	LHD1	0.05	0.00
tblVehicleEF	LHD1	0.05	0.00
tblVehicleEF	LHD1	0.05	0.00
tblVehicleEF	LHD2	7.3830e-003	0.00

tblVehicleEF	LHD2	7.3830e-003	0.00
tblVehicleEF	LHD2	7.3830e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MCY	6.4540e-003	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MDV	0.17	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MH	3.2420e-003	0.00
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	MHD	0.01	0.52
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	OBUS	9.5400e-004	0.00
tblVehicleEF	SBUS	8.8400e-004	0.00
tblVehicleEF	SBUS	8.8400e-004	0.00
tblVehicleEF	SBUS	8.8400e-004	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleEF	UBUS	1.0560e-003	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	80.20	0.00
tblVehicleTrips	CC_TTP	79.50	0.00
tblVehicleTrips	CC_TTP	78.80	0.00
tblVehicleTrips	CC_TTP	67.80	0.00
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00

tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.80	100.00
tblVehicleTrips	CW_TTP	1.50	100.00
tblVehicleTrips	CW_TTP	2.20	100.00
tblVehicleTrips	CW_TTP	13.20	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	CW_TTP	16.60	100.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	21.00	0.00
tblVehicleTrips	DV_TP	35.50	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	65.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	50.00	0.00
tblVehicleTrips	PB_TP	17.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	14.00	100.00
tblVehicleTrips	PR_TP	51.00	100.00
tblVehicleTrips	PR_TP	29.00	100.00
tblVehicleTrips	PR_TP	47.50	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	45.00	100.00

tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	204.47	0.50
tblVehicleTrips	ST_TR	696.00	1.67
tblVehicleTrips	ST_TR	722.03	3.43
tblVehicleTrips	ST_TR	64.07	0.20
tblVehicleTrips	ST_TR	42.04	0.65
tblVehicleTrips	ST_TR	0.00	6.00
tblVehicleTrips	SU_TR	166.88	0.50
tblVehicleTrips	SU_TR	500.00	1.67
tblVehicleTrips	SU_TR	542.72	3.43
tblVehicleTrips	SU_TR	56.12	0.20
tblVehicleTrips	SU_TR	20.43	0.65
tblVehicleTrips	SU_TR	0.00	6.00
tblVehicleTrips	WD_TR	542.60	0.50
tblVehicleTrips	WD_TR	716.00	1.67
tblVehicleTrips	WD_TR	496.12	3.43
tblVehicleTrips	WD_TR	53.13	0.20
tblVehicleTrips	WD_TR	44.32	0.65
tblVehicleTrips	WD_TR	0.00	6.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00









## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5848	32.0227	15.0730	0.0982	3.2179	0.7221	3.9400	0.9194	0.6643	1.5837		9,753.6921	9,753.6921	0.0529		9,754.8033
Unmitigated	1.5848	32.0227	15.0730	0.0982	3.2179	0.7221	3.9400	0.9194	0.6643	1.5837		9,753.6921	9,753.6921	0.0529		9,754.8033

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Convenience Market With Gas Pumps	8.00	8.00	8.00	116,480	116,480
Fast Food Restaurant w/o Drive Thru	12.02	12.02	12.02	175,069	175,069
Fast Food Restaurant with Drive Thru	12.01	12.01	12.01	174,793	174,793
Free-Standing Discount Superstore	38.40	38.40	38.40	559,104	559,104
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	5.98	5.98	5.98	87,069	87,069
User Defined Recreational	12.00	12.00	12.00	174,720	174,720
<b>Total</b>	<b>88.41</b>	<b>88.41</b>	<b>88.41</b>	<b>1,287,235</b>	<b>1,287,235</b>

### 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- NW	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Convenience Market With Gas Pumps	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Fast Food Restaurant w/o Drive Thru	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Fast Food Restaurant with Drive Thru	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Free-Standing Discount Superstore	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Non-Asphalt Surfaces	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
Strip Mall	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0
User Defined Recreational	40.00	0.00	0.00	100.00	0.00	0.00	100	0	0

### 4.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.522727	0.477273	0.000000	0.000000	0.000000	0.000000	0.000000

## 5.0 Energy Detail

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

### 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					
Fast Food Restaurant with Drive Thru	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
Free-Standing Discount Superstore	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
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
Other Non-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
Strip Mall	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
User Defined Recreational	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
Convenience Market With Gas Pumps	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
Fast Food Restaurant w/o Drive Thru	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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## Mitigated

	Natural Gas 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					
Fast Food Restaurant with Drive Thru	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
Free-Standing Discount Superstore	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
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
Other Non-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
Strip Mall	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
User Defined Recreational	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
Convenience Market With Gas Pumps	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
Fast Food Restaurant w/o Drive Thru	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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 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	20.0573	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
Unmitigated	20.0573	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575

## 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>20.0573</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

### 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.4900e-003	2.4000e-004	0.0258	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0543	0.0543	1.5000e-004		0.0575
<b>Total</b>	<b>20.0573</b>	<b>2.4000e-004</b>	<b>0.0258</b>	<b>0.0000</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>9.0000e-005</b>	<b>9.0000e-005</b>		<b>0.0543</b>	<b>0.0543</b>	<b>1.5000e-004</b>		<b>0.0575</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

## 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 Vegetation

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: "Euclid and Pine Eastvale"  
 RUN: Hour 1 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S                      Z0= 100. CM                      ALT= 171. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                    AMB= 2.8 PPM  
 SIGTH= 5. DEGREES              TEMP= 4.4 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	NB External	17	0	17	600	AG	2712	2.6	0.0	19.8
B.	NB Approach	17	600	17	754	AG	2665	3.2	0.0	19.8
C.	NB Depart	17	754	17	908	AG	2003	3.2	0.0	19.8
D.	NB External	17	908	17	1508	AG	2003	2.6	0.0	19.8
E.	NB Left	17	600	8	754	AG	47	3.2	0.0	19.8
F.	SB Left	0	908	8	754	AG	406	3.2	0.0	19.8
G.	SB External	0	1508	0	908	AG	1438	2.6	0.0	19.8
H.	SB Approach	0	908	0	754	AG	1032	3.2	0.0	19.8
I.	SB Depart	0	754	0	600	AG	1858	3.2	0.0	19.8
J.	SB External	0	600	0	0	AG	1858	2.6	0.0	19.8
K.	EB External	-750	750	-150	750	AG	1534	2.6	0.0	10.9
L.	EB Approach	-150	750	8	750	AG	1379	3.2	0.0	10.9
M.	EB Depart	8	750	167	750	AG	2775	3.2	0.0	10.9
N.	EB External	167	750	767	750	AG	2775	2.6	0.0	10.9
O.	WB External	767	758	167	758	AG	1765	2.6	0.0	10.9
P.	WB Approach	167	758	8	758	AG	830	3.2	0.0	10.9
Q.	WB Depart	8	758	-150	758	AG	813	3.2	0.0	10.9
R.	WB External	-150	758	-750	758	AG	813	2.6	0.0	10.9
S.	EB Left	-150	750	8	754	AG	155	3.2	0.0	10.9
T.	WB Left	167	758	8	754	AG	935	3.2	0.0	10.9

JOB: "Euclid and Pine Eastvale"  
 RUN: Hour 1 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	X	Y	Z
1. Receptor	-11	743	2.0
2. Receptor	28	743	2.0
3. Receptor	28	765	2.0
4. Receptor	-11	765	2.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)									
			A	B	C	D	E	F	G	H		
1. Receptor	85.	4.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	354.	4.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0
3. Receptor	185.	4.1	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Receptor	95.	3.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. Receptor	0.2	0.0	0.0	0.0	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.1
2. Receptor	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.1
3. Receptor	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1
4. Receptor	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.2

## B.2 - Health Risk Assessment

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**Health Risk Assessment Report  
Eastvale Crossings Project  
City of Eastvale, Riverside County, California**

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## ACRONYMS AND ABBREVIATIONS

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
AAQS	ambient air quality standards
AERMOD	American Meteorological Society/United States Environmental Protection Agency Regulatory Model
ARB	California Air Resources Board
AREL	acute reference exposure level
BACT	Best Available Control Technologies
CEQA	California Environmental Quality Act
DPM	diesel particulate matter
EMFAC	Emission Factors Model
EPA	United States Environmental Protection Agency
HAP	hazardous air pollutants (same as TAC)
K	Kelvin
NSR	New Source Review
OEHHA	California Office of Environmental Health and Hazards Assessment
PAH	polycyclic aromatic hydrocarbons
$\text{PM}_{10}$	particulate matter less than 10 microns in diameter
$\text{PM}_{2.5}$	particulate matter less than 2.5 microns in diameter
ppm	parts per million
REL	Reference exposure level
ROG	reactive organic gases
SCAQMD	South Coast Air Quality Management District
TAC	toxic air contaminants
TOG	total organic gases
TRU	transport refrigeration unit
VOC	volatile organic compounds

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## SECTION 1: EXECUTIVE SUMMARY

This health risk assessment (HRA) was prepared to evaluate whether the potential health risk impacts resulting from emissions of toxic air contaminants (TACs) from the proposed Eastvale Crossings project (project) would significantly impact the nearby residents to the proposed project. The California Air Resources Board (ARB) has identified several TACs, including diesel particulate matter (DPM), as carcinogenic substances, based on their potential to cause cancer, premature death, and other health problems. Those most vulnerable to these TACs are children whose lungs are still developing and the elderly who may have other serious health problems. In addition, diesel soot causes visibility reduction.

This HRA was conducted in accordance with the California Office of Environmental Health Hazard Assessment (OEHHA) Air Toxics Hot Spots Program Risk Assessment Guidelines (OEHHA 2015), and the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (SCAQMD 2003). This HRA includes (1) an estimate of the TAC emissions from the operation of the proposed project; (2) analysis of the dispersion of the TAC emissions from the proposed project, (3) an assessment of human exposure to the TACs at various sensitive receptor locations near the proposed project, and (4) a quantitative estimation of project-specific health risks and hazards associated with these levels of exposure. These potential impacts are then compared with the applicable South Coast Air Quality Management District (SCAQMD) project-specific health risk and hazard significance thresholds to assess the regulatory significance of these impacts.

Several mathematical modeling tools were employed in this assessment that are routinely used and approved by the SCAQMD to perform such air quality assessments.

- Lakes Environmental’s AERMOD View Version 8.9.0 Model running the U.S Environmental Protection Agency (EPA) Industrial Source Complex Model (ISC) air dispersion model (EPA 1995).
- The ARB EMFAC2014 mobile emissions source model, which is used to calculate exhaust and idling emissions from various mobile sources that access the proposed project.
- The ARB Offroad 2011 emissions inventory model, which is used to calculate exhaust emissions from various off-road sources including transport refrigeration units.

The above models and their assumptions are described in subsequent sections and appendices to this report.

### 1.1 - Executive Summary

This report contains the results of a detailed health risk assessment to determine the potential community health risk and hazard impacts associated with TAC emissions and localized criteria pollutant concentrations from the operation of the proposed project.

### 1.1.1 - TAC Emissions Impacts

The principal focus was on assessing the long-term health impacts from diesel particulate matter and benzene, a component of gasoline used in assessing both long-term and short-term hazards. The analyses contained in this report support the following conclusions:

- The proposed project emissions would not exceed the SCAQMD project level health risk cancer significance threshold of 10 in one million.
- The proposed project emissions would not exceed the SCAQMD project level non-cancer chronic and acute hazard index of 1.0.

### 1.1.2 - Localized Criteria Pollutant Impacts

The principal focus was on localized concentrations of Carbon Monoxide (CO), Nitrogen Dioxide (NO<sub>2</sub>), and particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>). The analyses contained in this report support the following conclusions:

- The proposed project CO emissions plus ambient concentrations would not exceed the state or federal 1-hour standard of 20 parts per million (ppm) or the 8-hour standard of 9 ppm.
- The proposed project NO<sub>2</sub> emissions plus ambient concentrations would not exceed the state 1-hour standard of 0.180 ppm, the federal 1-hour standard of 0.100 ppm or the state annual standard of 0.03 ppm.
- The proposed project PM<sub>10</sub> and PM<sub>2.5</sub> emissions would not exceed the SCAQMD 24-hour standard of 2.5 µg/m<sup>3</sup> or the annual standard of 1.0 µg/m<sup>3</sup>.

## SECTION 2: PROJECT DESCRIPTION

### 2.1 - Project Location

The project site is located in the northwest portion of the City of Eastvale, Riverside County, California. The project site is located at the southeast corner of Limonite Avenue and Archibald Avenue, and is generally bound by Limonite Avenue to the north, Rolling Meadow Street to the east, James C. Huber Park to the south, and Archibald Avenue to the west. The project site is located approximately 2.3 miles west of Interstate 15 (I-15), approximately 3.8 miles south of State Route 60 (SR-60), and approximately 3.3 miles east of Euclid Avenue (SR-83). Exhibit 1 provides the regional location of the project, Exhibit 2 provides a local vicinity map, and Exhibit 3 shows site photographs.

#### 2.1.1 - Sensitive Receptors in Project Vicinity

Individual who are more sensitive to toxic exposures than the general population are considered sensitive receptors. This would include children, the elderly, and persons with pre-existing respiratory or cardiovascular illness. Such receptors may reside at hospitals, residences, convalescent facilities, and schools. The nearest sensitive receptors to the project are existing residences located adjacent to the northwest corner of the project site on the west side, multiple single-family residences bordering the project site to east, and James C. Huber Park bordering the project site to the south. The followed have been identified as the nearest sensitive receptors:

- Residences: 230 feet west of the project site
- Residences: 65 feet east of the project site
- James C. Huber Park: 280 feet south of the project site
- Residences: 75 feet south of the project site (SE corner)

#### 2.1.2 - Project Description

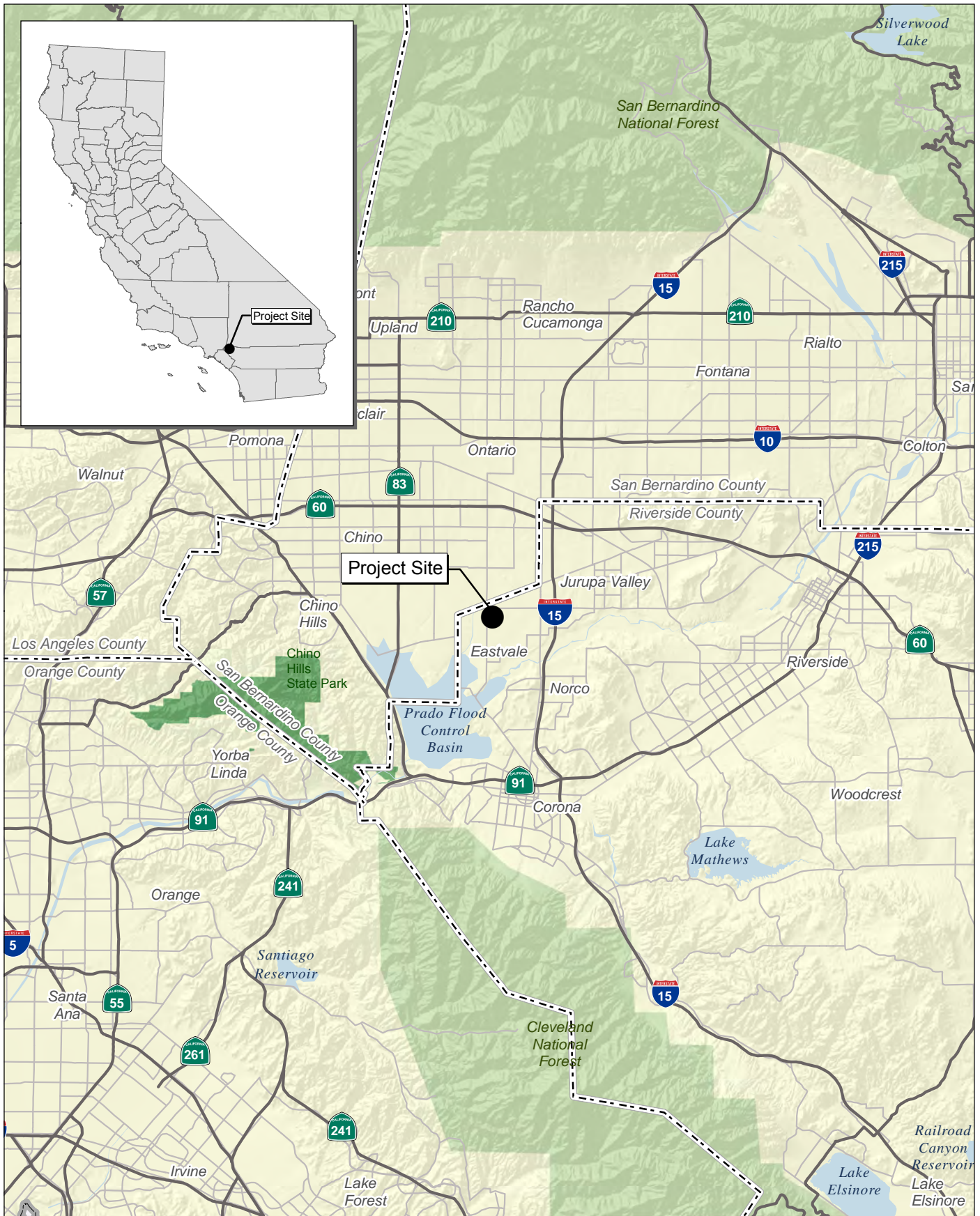
The project includes the creation of six parcels consisting of 24.78 gross acres. The project includes the development of a commercial retail center comprising a Walmart retail store and additional retail commercial uses. The Walmart retail store includes approximately 192,000 square feet on a 19.06-acre parcel. The additional retail commercial uses will be located on four parcels (outparcels) encompassing 3.74 acres, but at this time, there are no specific buildings proposed on these outparcels. However, the following land use types and amount of uses are assumed for analysis purposes for the four parcels: 9,200-square-foot specialty retail use, 7,200 square feet of fast-food restaurant without drive-through window use, a 2,000-square-foot coffee/donut shop with drive-through, a 3,500-square-foot fast food restaurant with drive-through window, and a gas station with 16 fueling positions, convenience market, and car wash. The remaining parcel will be used as a storm water retention basin on a 0.46-acre parcel located in the southwestern portion of the project site. The proposed development site will also have approximately 1.52 acres of street and driveway dedications. The project site plan is shown in Exhibit 4.

**Project Description**

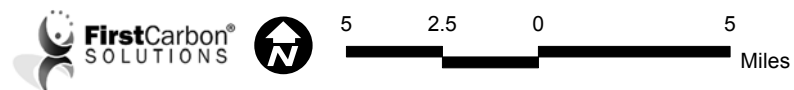
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The proposed Walmart store will operate 24 hours a day and would sell general retail merchandise, products for the home (such as housewares, electronics, furniture, and outdoor living items), personal items (such as clothing, daily essentials), and groceries (including alcoholic beverages for off-site consumption). The store will also sell pool chemicals, pesticides, paint products, and ammunition. The Walmart store may have outdoor seasonal sales and storage. In addition, the store will include a garden center. Furthermore, the Walmart store will include a pharmacy and may also include a vision, hearing, and medical care center, food service, a photo studio and photo finishing center, a banking center, and an arcade and other similar accessory uses inside the store. The store building will include six truck doors and loading docks. The proposed Walmart store will be housed in a single-story building, varying in height from approximately 24 to 32 feet in height.

Vehicular access to the project site will be provided by two proposed signalized intersections: one at Archibald Avenue along the western project boundary, the second at Limonite Avenue along the northern project boundary. Delivery trucks for the Walmart store would enter and exit via the signalized intersection along Archibald Avenue as well as the right-in/right-out intersection along Limonite Avenue. The loading areas face Archibald Avenue to the west and the Southern California Edison easement area to the east and provide six loading bays and a compactor. Each loading area would be equipped with roll-down metal screen security doors.

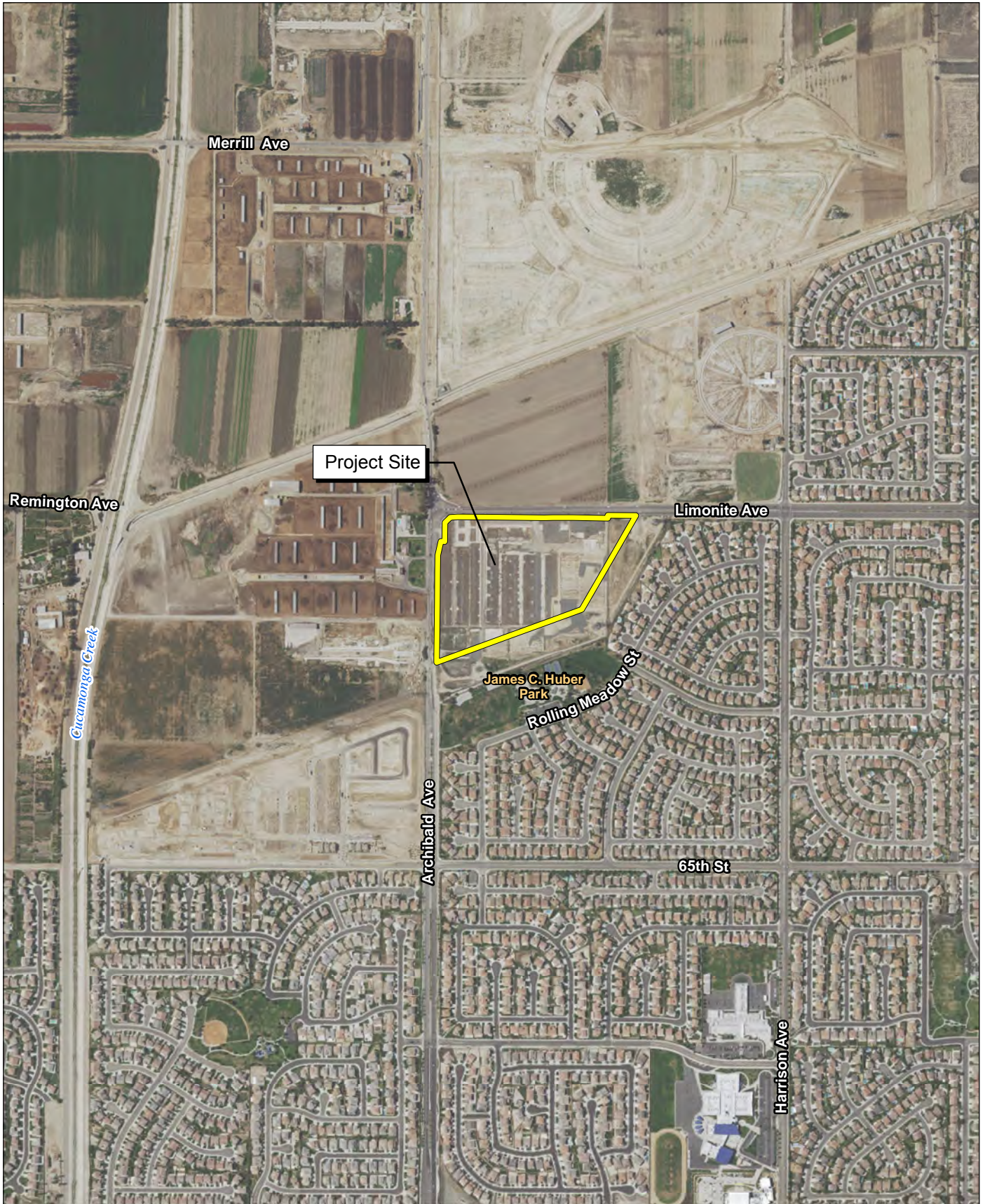


Source: Census 2000 Data, The CaSIL



# Exhibit 1 Regional Location Map

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Source: ESRI Imagery

## Exhibit 2

### Local Vicinity Map Aerial Base



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View of project site from eastern fence line; facing west.



View of project site from southern boundary; facing north.



View of project site from southwestern corner; facing northeast.

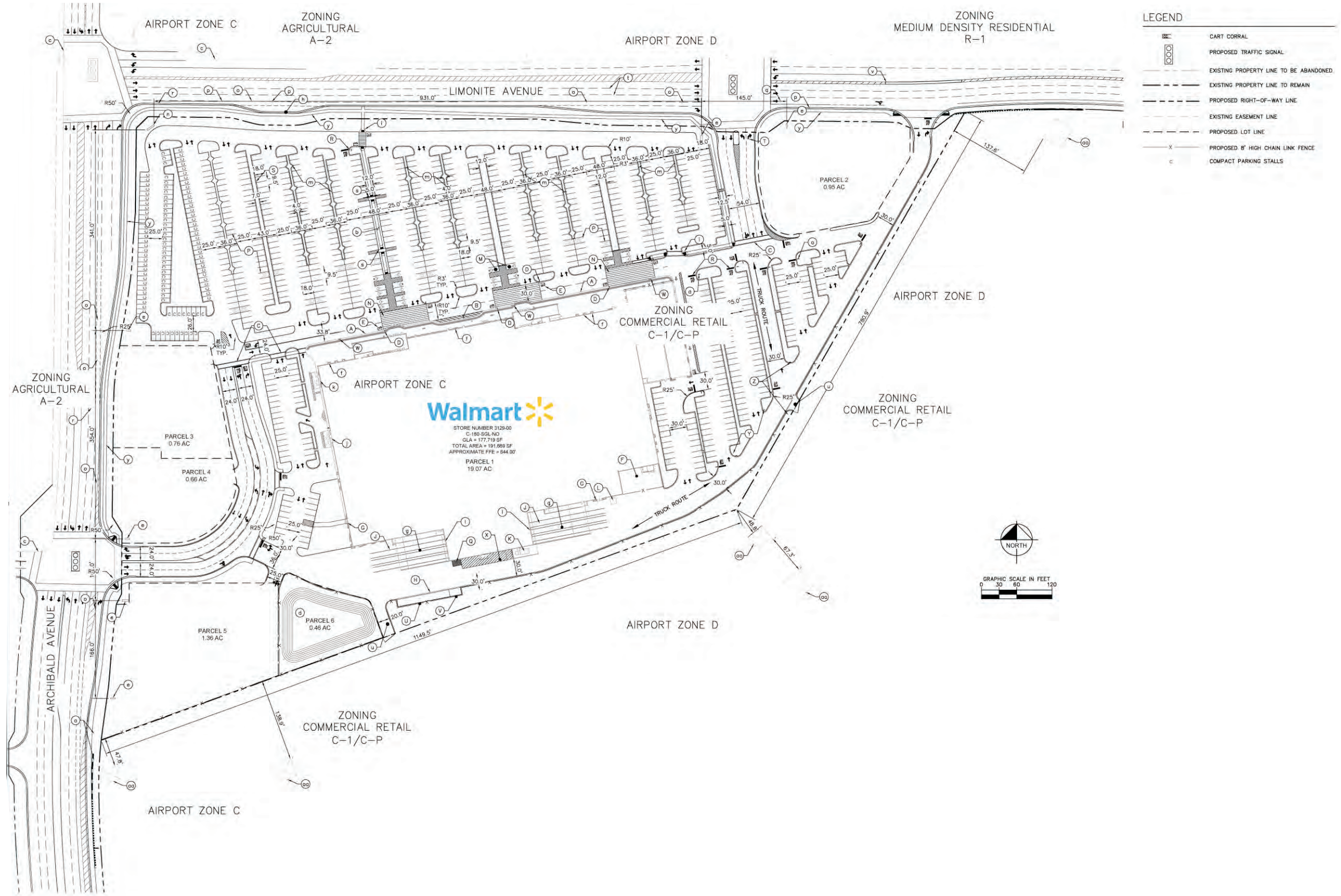


View of project site from western fence; facing east.

Source: FirstCarbon Solutions, 2015.



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Source: Kimley Horn, 2015



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**Exhibit 4  
Site Plan**

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## SECTION 3: TOXIC AIR CONTAMINANTS

TACs is a term that is defined under the California Clean Air Act and consists of the same substances that are defined as Hazardous Air Pollutants (HAPs) in the Federal Clean Air Act. There are over 700 hundred different types of TACs with varying degrees of toxicity. Sources of TACs include industrial processes such as petroleum refining and chrome plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust. Cars and trucks release at least 40 different TACs. The most important of these TACs, in terms of health risk, are diesel particulates, benzene, formaldehyde, 1,3-butadiene, and acetaldehyde. Public exposure to TACs can result from emissions from normal operations as well as from accidental releases. Health effects of TACs include cancer, birth defects, neurological damage, and death.

### 3.1 - Diesel Particulate Matter

According to The California Almanac of Emissions and Air Quality 2013 Edition, the majority of the estimated health risk from TACs can be attributed to relatively few compounds, the most important of which is diesel particulate matter (DPM). DPM is a subset of PM<sub>2.5</sub> because the size of diesel particles are typically 2.5 microns and smaller. Diesel engines emit a complex mixture of air pollutants, composed of gaseous and solid material. The visible emissions in diesel exhaust are known as particulate matter or PM, which includes carbon particles or “soot.” Diesel exhaust also contains a variety of harmful gases and over 40 other cancer-causing substances. California’s identification of DPM as a toxic air contaminant was based on its potential to cause cancer, premature deaths, and other health problems. Exposure to DPM is a health hazard, particularly to children whose lungs are still developing and the elderly who may have other serious health problems. Overall, diesel engine emissions are responsible for the majority of California’s potential airborne cancer risk from combustion sources. The various pollutants within DPM that also cause acute and chronic health impacts are detailed in Table 1, which was developed through crosschecking all diesel emissions pollutants provided in 2010 California Toxic Inventory in Tons per Year, prepared by ARB, November 2013 to the list of acute and chronic reference exposure levels.<sup>1</sup>

**Table 1: Diesel Emission Pollutants that Cause Acute and Chronic Health Impacts**

Toxic Air Contaminant	TAC Potency factors (µg/m <sup>3</sup> ) <sup>(1)</sup>		Diesel Weight Fraction <sup>(3)</sup>	Target Organ Systems
	Acute REL <sup>(2)</sup>	Chronic REL		
Acetaldehyde	470	140	0.0735	Eyes, respiratory system (sensory irritation)
Acrolein	2.5	0.35	0.003	Eyes, respiratory system
Arsenic	0.2	0.015	0.000002	Reproductive/developmental, cardiovascular system, nervous system
Benzene	27	3	0.02	Hematologic system, immune system, reproductive/developmental

<sup>1</sup> Provided online at <http://oehha.ca.gov/air/allrels.html>.

**Table 1 (cont.): Diesel Emission Pollutants that Cause Acute and Chronic Health Impacts**

Toxic Air Contaminant	TAC Potency factors ( $\mu\text{g}/\text{m}^3$ ) <sup>(1)</sup>		Diesel Weight Fraction <sup>(3)</sup>	Target Organ Systems
	Acute REL <sup>(2)</sup>	Chronic REL		
Cadmium	—	0.02	—	Kidney, respiratory system
Chlorine	210	0.2	0.00003	Eyes, respiratory system
Chromium (hexavalent)	—	0.2	—	Respiratory system, hematologic system
Copper	100	—	0.00006	Respiratory system
Ethyl benzene	—	5	—	Liver, kidney, developmental
Formaldehyde	55	9	0.1471	Eyes, immune system, respiratory
Hexane	—	200	—	Nervous system
Manganese	—	0.09	—	Nervous system
Mercury	0.6	0.03	0.000006	Reproductive/developmental
Methanol	28000	4000	0.0408	Nervous system, developmental
Naphthalene	—	9	—	Respiratory system
Nickel	0.2	0.02	0.000008	Immune system, respiratory system
Propylene	—	3000	—	Respiratory system
Selenium	—	20	—	Liver, cardiovascular system, nervous system
Styrene	21000	900	0.0006	Eyes, respiratory system, reproductive/development
Toluene	37000	300	0.0147	Nervous system, eyes, respiratory system, reproductive/developmental
Vanadium	30	—	0.001	Eyes, respiratory system
Xylene	22000	700	0.0104	Eyes, nervous and respiratory systems
DPM	—	5	—	Respiratory system

Notes:  
<sup>(1)</sup> Potency factors obtained from: <http://www.oehha.ca.gov/risk/ChemicalDB/index.asp>  
<sup>(2)</sup> REL = Reference Exposure Level  
<sup>(3)</sup> Diesel related TAC composition is based on the ARB speciation profile 6099 for PM and 818 for VOC.  
Source: ARB, 2013; OEHHA, 2014.

## SECTION 4: ENVIRONMENTAL AND REGULATORY SETTING

### 4.1 - Environmental Setting

The project is located in the City of Eastvale in Riverside County and is within the South Coast Air Basin (basin). To the west of the basin is the Pacific Ocean. To the north and east of the basin are the San Gabriel, San Bernardino, and San Jacinto mountains, while the southern limit of the basin is the San Diego County line. The basin consists of Orange County, all of Los Angeles County except for the Antelope Valley, the non-desert portion of western San Bernardino County, and the western and Coachella Valley portions of Riverside County (see figure at right). The air quality in the basin is impacted by dominant airflows, topography, atmospheric inversions, location, season, and time of day.

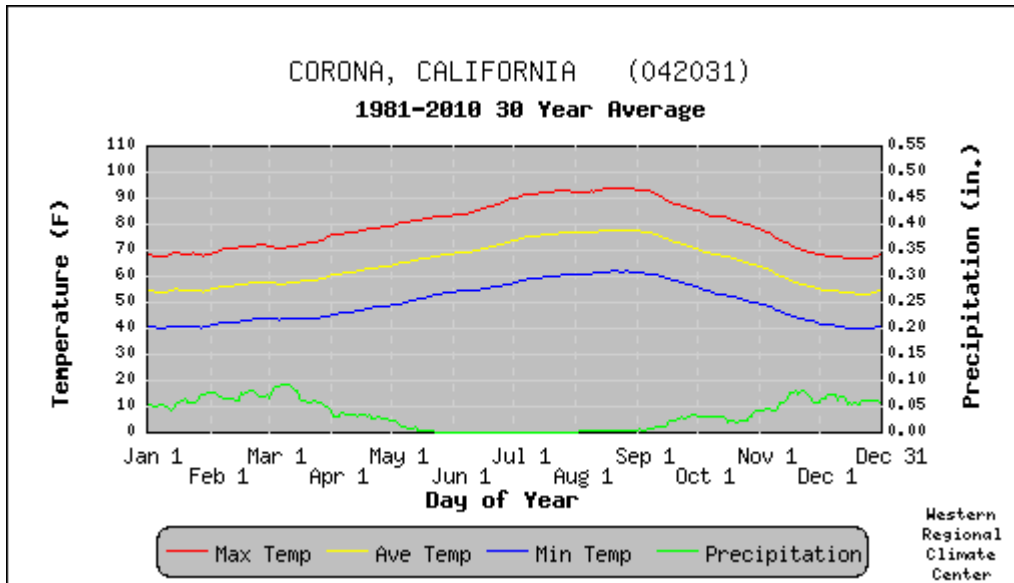


Source: ARB 2009.

Dominant airflows provide the driving mechanism for transport and dispersion of air pollution. The mountains surrounding the region form natural horizontal barriers to the dispersion of air contaminants. Air pollution created in the coastal areas and around the Los Angeles area is transported inland until it reaches the mountains where the combination of mountains and inversion layers generally prevent further dispersion. This poor ventilation results in a gradual degradation of air quality from the coastal areas to inland areas. Air stagnation may occur during the early evening and early morning periods of transition between day and nighttime flows. The region also experiences periods of hot, dry winds from the desert, known as Santa Ana winds. If the Santa Ana winds are strong, they can surpass the sea breeze, which blows from the ocean to the land, and carry the suspended dust and pollutants out to the ocean. If the winds are weak, they are opposed by the sea breeze and cause stagnation, resulting in high pollution events. The primary wind direction near the project site is from the west, as shown in the wind rose in Exhibit 5 as measured at the SCAQMD Riverside Rubidoux air monitoring station, which is located approximately 10 miles east of the project site.

The annual average temperature varies little throughout much of the basin, ranging from the low to middle 60s, measured in degrees Fahrenheit (°F). With more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas where the project site is located. The climatological station closest to the project site is located in Corona about 6 miles south of the project. As shown in Figure 1, area average maximum daily temperatures typically range from the mid-60s to the mid-90s while the area average minimum daily temperatures range from the low-40s in winter to the low-60s in summer (Western Regional Climate Center 2015). The majority of the annual rainfall in the area occurs between November and March. The average annual precipitation at Corona is 12.71 inches. Summer rainfall is minimal and is generally limited to scattered thunderstorms in the coastal regions and slightly heavier showers in the eastern portion of the basin along the coastal side of the mountains.

**Figure 1: Temperature and Precipitation**



Source: Western Regional Climate Center 2015.

Temperature inversions limit the vertical depth through which pollution can be mixed. Among the most common temperature inversions in the basin are radiation inversions, which form on clear winter nights when cold air off mountains sink to the valley floor while the air aloft over the valley remains warm. These inversions, in conjunction with calm winds, trap pollutants near the source. Other types of temperature inversions that affect the basin include marine, subsidence, and high-pressure inversions. Summers are often periods of hazy visibility and occasionally unhealthy air, while air quality impacts in the winter tend to be highly localized and can consist of odors from agricultural operations.

#### 4.1.1 - Existing Air Quality

Existing ambient air quality, historical trends, and future projections of air quality in the project area are best documented from measurements made near the project site. The SCAQMD maintains an extensive air-monitoring network that measures levels of several air pollutants throughout the South Coast Air Basin. The SCAQMD has subdivided the South Coast Air Basin into 36 Source-Receptor Areas (SRAs), many containing one or more monitoring stations. These SRAs are designated to provide a general representation of the local meteorology, terrain, and air quality conditions within the particular geographical area. The project is located within SRA 22, “Corona Norco.” During the latest 3-year period (2010–2013), various air pollutants were measured within SRA 22 at the SCAQMD’s monitoring stations. The pollutant levels measured at the nearest monitoring station (Mira Loma Van Buren) approximately 6.5 miles east of the project site were used to represent a “background” value for the project location. Table 2 summarizes the air monitoring data for this station covering the period 2010–2013, the most current published 4-year monitoring period. Ambient air pollution concentrations in the project area regularly exceeded the state 1-hour ozone standard and the federal 8-hour standard in the last 4 years. In the same timeframe, the project area also exceeded the state 24-hour PM<sub>10</sub> standard and the federal PM<sub>2.5</sub> standard. However, the



project area did not exceed the federal or state CO and NO<sub>2</sub> standards, nor did the project area exceed the federal PM<sub>10</sub> standard.

**Table 2: Air Quality Monitoring Summary**

Air Pollutant	Averaging Time	Item	2011	2012	2013	2014
Ozone <sup>1</sup>	1 Hour	Max 1 Hour (ppm)	<b>0.126</b>	<b>0.124</b>	<b>0.118</b>	<b>0.138</b>
		Days > State Standard (0.09 ppm)	32	31	11	17
	8 Hour	Max 8 Hour (ppm)	<b>0.104</b>	<b>0.103</b>	<b>0.097</b>	<b>0.103</b>
		Days > State Standard (0.07 ppm)	63	72	32	55
		Days > National Standard (0.075 ppm)	36	47	21	29
Carbon monoxide <sup>1</sup>	Maximum 1 Hour (ppm) <sup>2</sup>	Max 1 Hour (State) (20 ppm)	2.67	2.79	ID	ID
		Max 1 Hour (National) (35 ppm)	2.67	2.79	ID	ID
	8 Hour	Max 8 Hour (ppm)	1.87	1.95	ID	ID
		Days > State Standard (9.0 ppm)	0	0	0	0
		Days > National Standard (9 ppm)	0	0	0	0
Nitrogen dioxide (NO <sub>2</sub> ) <sup>1</sup>	Annual	Annual Average (ppm)	ID	ID	0.013	0.013
	1 Hour	Max 1 Hour (ppm)	0.0588	0.0607	0.0537	0.0577
		Days > State Standard (0.18 ppm)	0	0	0	0
		98 <sup>th</sup> Percentile of 1 hr Average (ppm)	0.0518	0.0497	0.0507	0.0496
Inhalable coarse particles (PM <sub>10</sub> ) <sup>3</sup>	Annual	Annual Average (µg/m <sup>3</sup> )	<b>27.0</b>	<b>26.0</b>	ID	<b>30.2</b>
	24 hour	24 Hour (µg/m <sup>3</sup> )	58.0	51.0	56.0	64.0
		Days > State Standard (50 µg/m <sup>3</sup> )	12.2	6.1	ID	18.0
		Days > National Standard (150 µg/m <sup>3</sup> )	0.0	0.0	0.0	0.0
Fine particulate matter (PM <sub>2.5</sub> ) <sup>1</sup>	Annual	Annual Average (µg/m <sup>3</sup> )	<b>15.3</b>	<b>15.1</b>	<b>18.6</b>	<b>19.0</b>
	24 Hour	24 Hour (µg/m <sup>3</sup> )	<b>73.1</b>	<b>47.7</b>	<b>83.2</b>	<b>73.6</b>
		Days > National Standard (35 µg/m <sup>3</sup> )	8.2	7.0	9.2	ID

Notes and Abbreviations:

<sup>1</sup> Mira Loma-Van Buren Air Monitoring Station

<sup>2</sup> The ARB does not report 1-hour average CO concentrations in its database, only 8-hour CO concentrations. Therefore, the 1-hour CO concentration was derived by dividing the 8-hour concentration by 0.7.

<sup>3</sup> Norco-Norconian Air Monitoring Station

> = exceed ppm = parts per million µg/m<sup>3</sup> = micrograms per cubic meter

ID = insufficient data ND = no data max = maximum

**Bold** = exceedance

State Standard = California Ambient Air Quality Standard

National Standard = National Ambient Air Quality Standard

Source: California Air Resources Board 2015a.

## 4.2 - Regulatory Setting – Toxic Air Contaminants

The TACs at the project site are addressed through the efforts of various federal, state, regional, and local government agencies. These agencies work jointly, as well as individually, to reduce TACs through legislation, regulations, planning, policy-making, education, and a variety of programs. The agencies responsible for improving TACs are discussed below.

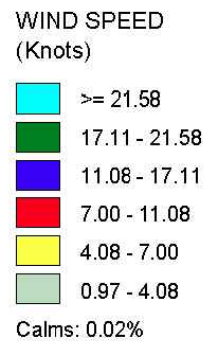
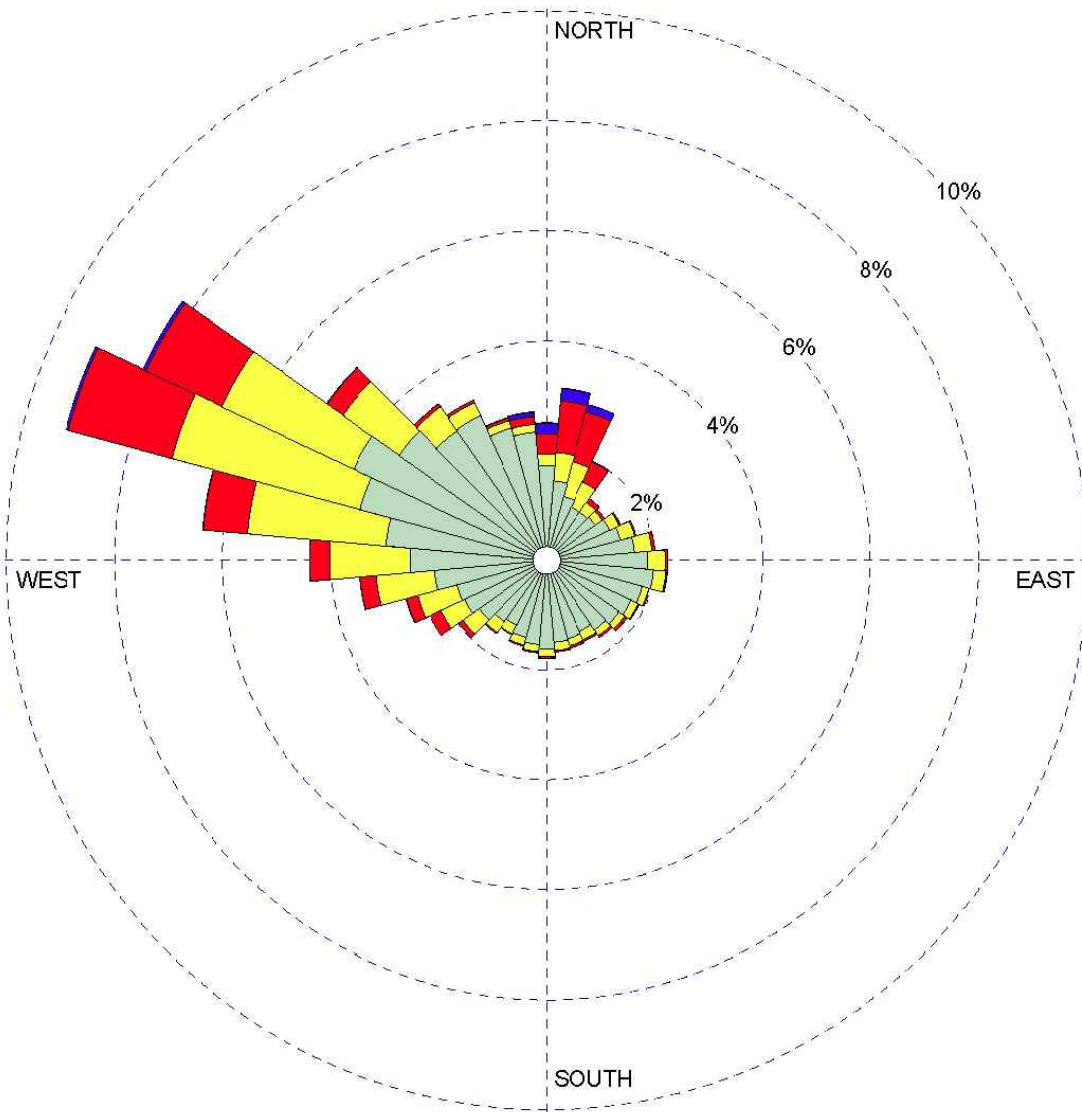
### 4.2.1 - Federal and State

The United States Environmental Protection Agency (EPA) is responsible for setting and enforcing the National Ambient Air Quality Standards (NAAQS) for atmospheric pollutants. There are national standards for six common “criteria” air pollutants including ozone, nitrogen dioxide, carbon monoxide, PM (PM<sub>10</sub> and PM<sub>2.5</sub>), lead, and sulfur dioxide, which were identified from provisions of the Clean Air Act of 1970. California, under the California Clean Air Act, has also defined a set of health protective California Ambient Air Quality Standards (CAAQS).

Besides the “criteria” air pollutants, there is another group of substances found in ambient air referred as Hazardous Air Pollutants (HAPs) under the Federal Clean Air Act and TACs under the California Clean Air Act. These contaminants tend to be localized to their sources and are found in relatively low concentrations in ambient air. They are regulated at the federal, state and regional levels, due to their potential of causing adverse health effects from exposure to low concentrations for long periods of time. HAPs are the air contaminants identified by the EPA as known or suspected to cause cancer, serious illness, birth defects, or death. Many of the contaminants originate from human activities, such as fuel combustion and solvent use. Mobile Source Air Toxics (MSATs) are a subset of the 188 identified HAPs. Of the 21 different HAPs that constitute the MSATs, there are six primary HAPs identified that include diesel exhaust, benzene, formaldehyde, acetaldehyde, acrolein, and 1, 3-butadiene. While vehicle miles traveled in the United States is anticipated to increase by 64 percent between 2000 and 2020, emissions of MSATs are anticipated to decrease between 57 and 67 percent as a result of efforts to control mobile source emissions.

The ARB Statewide Comprehensive Air Toxics Program was established in the early 1980s. The TAC Identification and Control Act (AB 1807, Tanner 1983) created California’s program to reduce exposure to air toxics. The Air Toxics “Hot Spots” Information and Assessment Act (AB 2588, Connelly 1987) supplements the AB 1807 program by requiring a statewide air toxics inventory, notification of people exposed to a significant health risk, and facility plans to reduce these risks.

AB 1807, requires the ARB to identify and control TACs. In selecting substances, the ARB must consider “the risk of harm to the public health, amount or potential amount of emissions, manner of, and exposure to, usage of the substance in California, persistence in the atmosphere, and ambient concentrations in the community.” AB 1807 also requires the ARB to use available information gathered from the AB 2588 program to include in the prioritization of compounds. In 1992, the Hot Spots Act was amended by Senate Bill (SB) 1731, to require facilities that pose a significant health risk to reduce their risk through a risk management plan.



Source: SCAQMD.



## Exhibit 5 Wind Rose - SCAQMD Riverside (2008-2012)

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In 2000, the ARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled engines and vehicles. The goal of the plan is to reduce PM emissions and the associated health risks by 75 percent by 2010 and 85 percent by 2020. The plan provides a roadmap that identifies steps ARB will be taking to develop specific regulations to reduce DPM emissions.

As a result of controls on motor vehicles, fuels, stationary sources, and consumer products, the public's exposure to TACs has decreased dramatically. Between the early 1990s and the present, the statewide average health risk from formaldehyde decreased approximately 20 percent and approximately 90 percent from perchlorethylene. 1,3-butadiene and benzene have also seen significant decreases of 80 to 85 percent as a result of ARB's mobile source control program. In addition, dioxins have been reduced by 99 percent in that period, primarily due to ARB's restrictions on medical waste incinerators.

California emission regulations appropriate to the local industrial facility emission sources include:

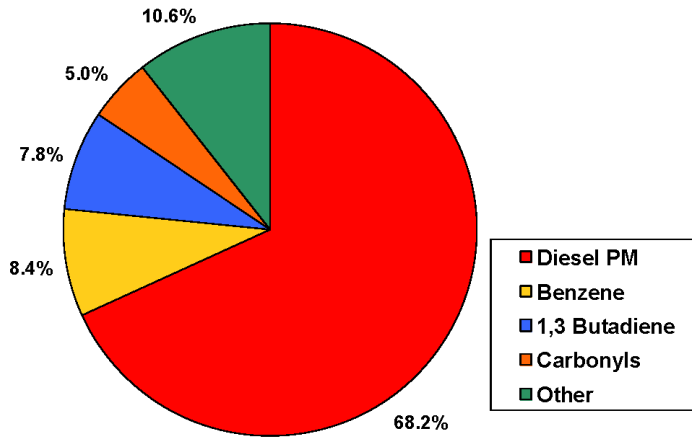
- ARB Air Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling limits the idling of diesel vehicles to reduce emissions of toxics and criteria pollutants (ARB 2005). The driver of any vehicle subject to this section: (1) shall not idle the vehicle's primary diesel engine for greater than five minutes at any location; and (2) shall not idle a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).
- ARB Air Toxics Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRUs) and TRU Generator Sets, and Facilities Where TRUs Operate implements the provisions of the ARB Diesel Risk Reduction Program that limits the emissions of diesel particulate matter emissions from TRUs that operate in California (ARB 2011).
- ARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, which began in 2008, would require that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged (ARB 2005).
- ARB Final Regulation Order, Adoption of the Statewide Truck and Bus Regulations, would require affected on-road trucks and buses to meet performance requirements between 2013 and 2023 such that by January 1, 2023 all vehicles must have a 2010 model year engine or equivalent (ARB 2011b).

#### 4.2.2 - SCAQMD

The SCAQMD conducted a detailed TAC emission inventory, air sampling, and dispersion modeling study called the Multiple Air Toxics Exposure Study in the basin (MATES-III) (SCAQMD 2008) and (MATES IV) (SCAQMD 2014). The MATES Studies provided information on the importance of various TACs in terms of their relative health risks as well as their spatial magnitude and distribution across the basin. The MATES-IV information can be used to characterize the "background" health risks from both

regional and local TAC emission sources. The MATES-IV program results indicate that the cancer risks in the area where the project site is located are estimated to be 332 in one million. The MATES-IV study found that the population weighted cancer risk in the entire basin was estimated to be 418 per million persons. The remaining portion of the total cancer risk consists mainly of exposures to benzene, formaldehyde, acrolein, carbonyls, and 1,3-butadiene. As shown in Figure 2, the SCAQMD MATES-IV report indicates that in the basin overall, DPM contributes 68.2 percent of the risk.

**Figure 2: Overall South Coast Air Basin Cancer Risk by Pollutant**

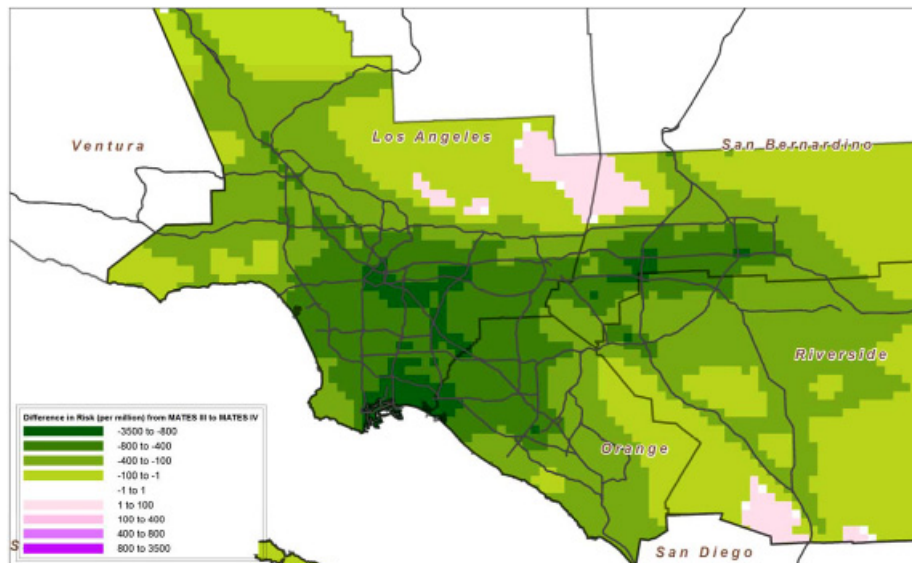


Basinwide Risk: 418 per million  
Based on Average of 10 Fixed Monitoring sites

Source: SCAQMD.

As shown in Figure 3 (MATES-IV report), the basin has experienced a decrease in risk of approximately 57 from the 2005 to 2012 time period.

**Figure 3: Change in Air Toxics Simulated Risk in South Coast Air Basin from 2005 to 2012**



## SECTION 5: MODELING PARAMETERS AND ASSUMPTIONS

The TAC and criteria pollutant dispersion modeling utilized in this analysis has been based on the recommended methodology provided by the SCAQMD (2003) and OEHHA (2015). Important issues that affect the dispersion modeling include (1) Model Selection, (2) Emission Sources, (3) Meteorological Data, and (4) Receptor Grid. Each issue is addressed below.

### 5.1 - Model Selection

Lakes Environmental's AERMOD View Version 8.9.0 Model running the AERMOD dispersion model was used for all dispersion modeling. Key dispersion modeling options selected include the regulatory default option and urban modeling option for Riverside County with a population of 2,100,516. Flagpole receptor height was set to 0 meters. AERMAP was run with a 7.5 minute USGS DEM Map of the Corona North area.

#### 5.1.1 - Meteorological Data

Meteorological data from the SCAQMD's Riverside monitoring site was selected for this modeling application. Five full years of sequential meteorological data were collected at the Riverside Station by the SCAQMD for 2007, 2008, 2010, 2011, and 2012.<sup>2</sup> The SCAQMD processed the data for input to the model.

#### 5.1.2 - Receptor Grid

Discrete Receptors were placed at the location or representative nearby sensitive receptors that include the nearby homes and park and fence line grid receptors were utilized out to 500 meters (1,640 feet) around the perimeter of the proposed project.

### 5.2 - TAC Emissions Assumptions

As of the date of preparation of this analysis, the SCAQMD does not yet require the use of Age Sensitivity Factors (ASF) that are defined in the OEHHA Guidance (OEHHA 2015); however, in order to provide a conservative analysis, the ASF have been utilized in this analysis. The ASF requirements, utilize separate emission factors over a person's life segmented into three distinct periods with the first period starting at the third trimester of a pregnancy to 2 years of age, the second period is from 2 to 16 years, and the third if from 16 to 70 years old. The TAC emissions from both construction and operation of the proposed project have been calculated segmented into each of these periods based on the worst-case assumption that a woman who is in her third trimester is living in one of the nearby homes and her baby will live in its parent's home for 70 years.

#### 5.2.1 - Construction-Related TAC Emissions

Construction of the proposed project is anticipated to start as early as January 2016 and would take approximately 1.8 years to complete. Construction activities have been modeled as occurring from

<sup>2</sup> Data obtained from SCAQMD's website, <http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/data-for-aermod>.

7 a.m. to 4 p.m. every day over this 1.8-year period. TAC emissions from construction activities would be primarily from DPM emissions associated with the on-site operation of off-road diesel equipment and from the on-site and off-site operation of diesel trucks for hauling dirt and building supplies to and from the project site.

### Construction-Related On-site Off-Road Equipment

Section 3.2, Air Quality calculated the DPM emissions created from construction of each phase of construction activities and a summary of the DPM calculations is shown in Table 3.

**Table 3: Construction-Related On-site Off-Road Equipment DPM Emissions**

Construction Phase	Year	Off-Road Equipment PM <sub>10</sub> Exhaust (Tons)
Site Preparation	2016	0.0021
Grading	2016	0.0045
Paving	2016	0.0126
Building Construction	2016	0.0701
Building Construction	2017	0.1158
Architectural Coatings	2017	0.0017
Total DPM Exhaust		0.207
Daily DPM Exhaust (pounds based on 664 days of construction)		0.62
Source: FirstCarbon Solutions, 2015.		

Table 3 shows that the construction-related off-road equipment exhaust emissions would create an average of 0.62 pounds of PM<sub>10</sub> throughout the duration of construction. The off-road equipment exhaust emissions were modeled as a 23.5-acre (95,470 square meters) area source in the AERMOD model with a release height of 13 feet, an initial vertical dimension of the plume of 36 feet, and an emission rate of 9.1348E-08 grams per second. The emission rate was calculated by converting the 0.62 pound per day to grams per second based on a 9-hour workday and then dividing by 95,470 square meters.

### Construction-Related Truck Emissions

Section 3.2, Air Quality determined that construction activities would generate 7,340 haul trips from soil export, 11,224 haul trips from soil import, and 166 vendor trips that would deliver building supplies to the project site. Based on a construction period of 1.8 years yields an average of 28.2 daily truck trips. The construction-related truck emissions have been analyzed separately for truck travel and truck idling emissions.

#### Construction-Related Truck Travel

Modeling for construction-related diesel truck travel was based on each truck traveling across the project site from Archibald Avenue to Limonite as well as the off-site travel for a 0.25 mile along Archibald Avenue north and south of the project site and Limonite Avenue east of the project site.



The Traffic Impact Analysis (Urban Crossroads 2014) determined that 31 percent of the vehicle trips would travel north of the project site on Archibald Avenue, 36 percent of the vehicle trips would travel south of the project site on Archibald Avenue, and 33 percent of the vehicle trips would travel east of the project site on Limonite Avenue. The same trip distribution was utilized in this analysis for the construction truck travel.

The emission factors used for the roadway line volume source were derived from the ARB EMFAC2014 mobile source emission model for the South Coast Air Basin portion of Riverside County for the year 2016. The vehicle emission factors are dependent on vehicle speed. A vehicle travel speed of 10 miles per hour was assumed for truck travel while traveling on the project site and a vehicle speed of 45 miles per hour (mph) was assumed for truck travel on Archibald Avenue and Limonite Avenue. The construction trucks were modeled in the EMFAC2011 model from the Truck2 category, which consists of an average of all heavy trucks. The EMFAC2014 model run printouts are provided in Appendix A, which provides running PM<sub>10</sub> emission rates of 0.200 gram per mile at 10 miles per hour and 0.074 gram per mile at 45 miles per hour.

Project-related truck travel emissions were modeled in the AERMOD model by using line volume sources. The line volume sources were modeled with a plume height of 6 feet and plume width of 12 feet for the on-site roads and a plume width of 60 feet for Archibald Avenue and Limonite Avenue. All roads were modeled with a release height of 12 feet. The road source emissions rates entered into the AERMOD model are shown in Table 4. The road source emissions were determined by calculating the time it takes for each truck to cross the length of the road and then multiplying that amount of time by the daily truck operations and dividing it by 24 hours in order to determine the percent of daily running time. The daily running time was then multiplied by the EMFAC2014 emissions rates that are detailed above and were converted to grams per second.

**Table 4: Road Source Construction DPM Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Truck Operations <sup>1</sup>	DPM Emission Rate (grams/second)
RDON	On-site construction trucks	14.1	2.915E-05
RDARN	Construction trucks Archibald Ave north	8.7	9.481E-06
RDARS	Construction trucks Archibald Ave south	10.2	1.368E-05
RDLIM	Construction trucks Limonite Ave south	9.3	1.302E-05

Note:  
<sup>1</sup> The on-site daily truck operations represent deliveries or round trips, since they are modeled as loop roads and the off-site roads represent one-way trips or trip end for the roads (i.e., one truck delivery is two trip ends).  
 Source: EMFAC2014.

**Construction-Related Truck Idling**

Construction-related diesel truck idling was modeled as a point source located near the center of the project site. The analysis was based on each construction truck idling on the project site for 15 minutes per delivery or load. The emissions factor used for the truck idling point source was based on the EMFAC2014 Idling Emission Rate of 0.0825 gram per hour. The EMFAC2014 model run

printouts are provided in Appendix A. This results in an idling emission rate of 8.979E-06 grams per second that was entered into the AERMOD model. The idling point source was modeled in the AERMOD model with a 12.6-foot height, a 0.1-meter diameter, a velocity of 50 meters per second, and a temperature of 366 degrees Kelvin (°K).

### 5.2.2 - Operations-Related TAC Emissions

The proposed project would include possible development of a gas station, a drive-thru restaurant with a charbroiler, and the proposed commercial retail uses would generate diesel truck deliveries that would have operational transport refrigeration units (TRUs). The proposed project is anticipated to be operational as soon as 2017, which has been used as the opening year in this analysis. Exhibit 6 shows the locations of the operational sources and receptors modeled in the AERMOD model.

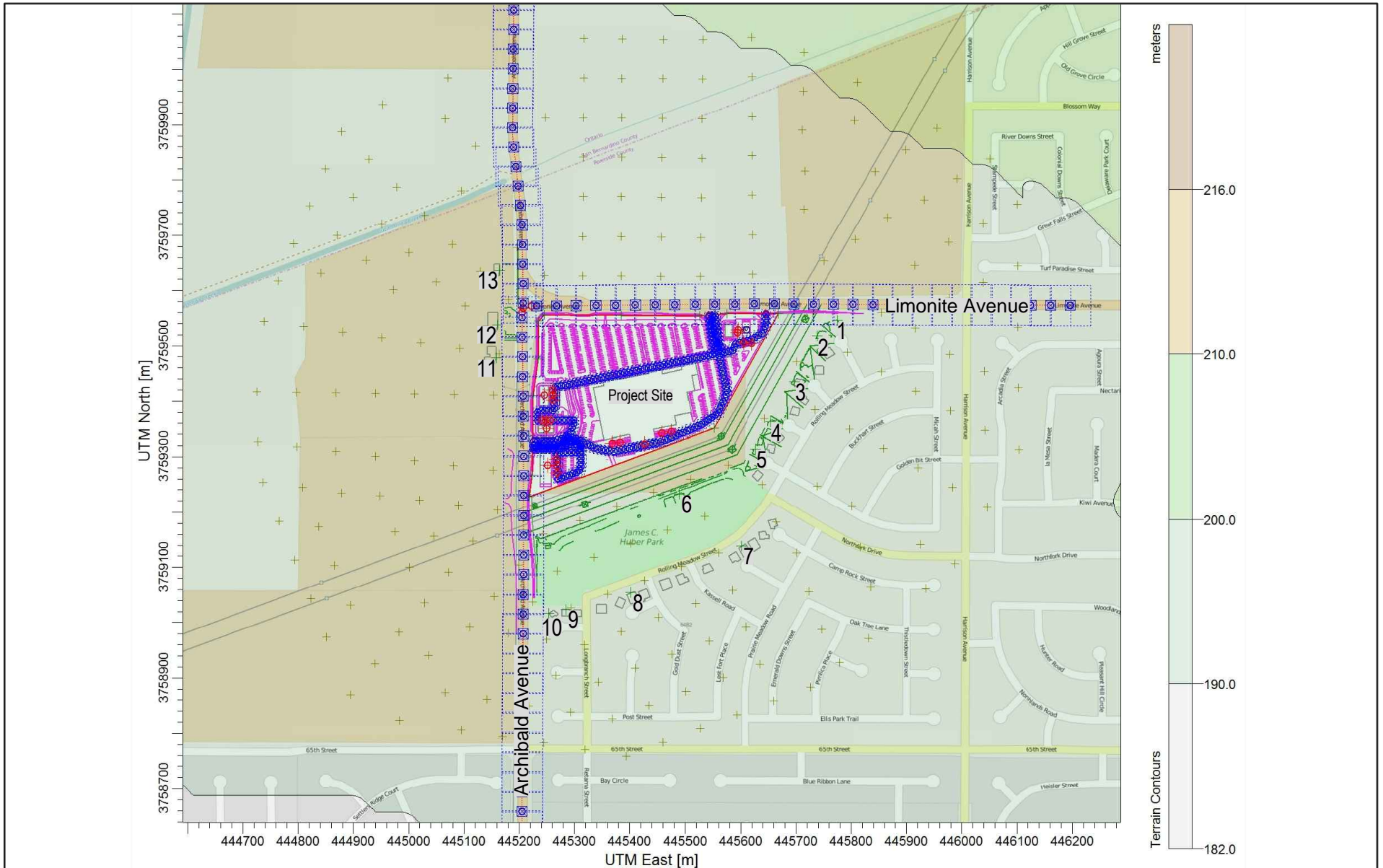
#### Operations-Related Truck Emissions

The analysis uses project specific truck trip generation rates to reflect the numbers and types of trucks that service similar Walmart stores and other retail and restaurant uses included in the shopping center. The tenants in the other retail and restaurant uses have not been determined, so conservatively high truck trip generation rates were used for the analysis. The average daily truck deliveries to the proposed project are presented in Table 5.

**Table 5: Project Average Daily Truck Deliveries and Trips during Operations**

Building	Vehicle Class	Truck Deliveries per Day	Truck Trips per day
Walmart	4+ Axle Heavy-Duty Truck (with TRU)	3	6
	4+ Axle Heavy-Duty Truck (without TRU)	6	12
	2-Axle Heavy-Duty Truck	10	20
Restaurant/Coffee Pads (3 stores)	4+ Axle Heavy-Duty Truck (with TRU)	3	6
	2-Axle Heavy-Duty Truck	3	6
Retail Pads (1 building)	4+ Axle Heavy-Duty Truck	1	2
	2-Axle Heavy-Duty Truck	2	4
Convenience Market with 16 gas pumps	4+ Axle Heavy-Duty Truck (with TRU)	1	2
	4+ Axle Heavy-Duty Truck (without TRU) gasoline delivery	1	2
	2-Axle Heavy-Duty Truck (beer/soda/chips/etc.)	2	4
<p>Note: 2-axle vehicles are represented by the EMFAC medium heavy duty vehicle class; 4+ axle vehicles are represented by the EMFAC heavy-heavy duty vehicle class; all heavy duty vehicles are assumed to be diesel-fueled. TRU = transport refrigeration unit Source: FirstCarbon Solutions and CalEEMod.</p>			

Project-related truck emissions have been analyzed separately for truck travel, truck idling, and TRU emissions.



Source: AERMOD View Version 8.9.0.



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## Exhibit 6 Air Dispersion Model Source and Receptor Locations

CITY OF EASTVALE • EASTVALE CROSSINGS  
HEALTH RISK ASSESSMENT

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**Operations-Related Truck Travel**

The operations-related diesel truck travel was modeled on the most direct on-site route from the nearest driveway to each respective loading area and also modeled 0.25 mile along Archibald Avenue north and south of the project site and Limonite Avenue east of the project site. The Traffic Impact Analysis (Urban Crossroads 2014) determined that 31 percent of the vehicle trips would travel north of the project site on Archibald Avenue, 36 percent of the vehicle trips would travel south of the project site on Archibald Avenue, and 33 percent of the vehicle trips would travel east of the project site on Limonite Avenue. The same trip distribution was utilized in this analysis.

The emission factors used for the roadway line volume source were derived from the ARB EMFAC2014 mobile source emission model for the South Coast Air Basin portion of Riverside County. The vehicle emission factors are dependent on vehicle speed. In this regard, a vehicle travel speed of 10 miles per hour was assumed for truck travel while traveling on the project site and a vehicle speed of 45 mph was assumed for truck travel on Archibald Avenue and Limonite Avenue. The 2-axle heavy-duty trucks were modeled as Medium-Heavy Duty Trucks (MHDT) and the 4+-axle heavy-duty trucks were modeled as Heavy-Heavy Duty Trucks (HHDT) in the EMFAC model.

Since the cancer risk analysis is based on a 70-year analysis period segmented into three analysis, the PM<sub>10</sub> emissions rates from 2017 to 2050 were obtained from the EMFAC model and the average from the three time periods is shown in Table 6. EMFAC only provides data up to the year 2050, so all years after 2050 are based on the 2050 emissions rates. The EMFAC2014 model run printouts are provided in Appendix A.

**Table 6: EMFAC2014 Running Trucks DPM Emissions Rates**

Scenario	EMFAC2014 PM <sub>10</sub> Running Emissions Rates (grams/mile)			
	Heavy-Duty Trucks		Medium-Duty Trucks	
	10 mph	45 mph	10 mph	45 mph
Average Years 2017 to 2019	0.0619	0.0264	0.2108	0.0906
Average Years 2020 to 2034	0.0149	0.0075	0.0101	0.0062
Average Years 2035–2087	0.0098	0.0050	0.0075	0.0043

Source: EMFAC2014 Version 1.07.

The operations-related truck travel emissions were modeled in the AERMOD model by using line volume sources. The line volume sources were modeled with a plume height of 6 feet and plume width of 12 feet for the on-site roads, and a plume width of 60 feet for Archibald Avenue and Limonite Avenue. All roads were modeled with a release height of 12 feet. In order to simplify the analysis, the emissions from each class of truck were added together and modeled as one line volume source for each roadway. The road source emissions rates entered into the AERMOD model are shown in Table 7. The road source emissions were determined by calculating the time it takes for each truck to cross the road length and then multiplying that amount of time by the daily truck operations and dividing it by 24 hours in order to determine the percent of daily running time. The

daily running time was then multiplied by the EMFAC2014 emissions rates that are detailed above and were converted to grams per second.

**Table 7: Road Source DPM Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Truck Operations <sup>1</sup>	DPM Emission Rates (grams/second)		
			2017–2019	2020–2034	2034–2087
RDWAL	2-axle Truck Route Walmart	10	8.186E-06	3.906E-07	2.900E-07
	4+-axle Truck Route Walmart No TRU	6	1.443E-06	3.461E-07	2.273E-07
	4+-axle Truck Route Walmart With TRU	3	2.064E-06	1.009E-06	2.345E-07
	<b>Total On-site Truck Route Walmart</b>	—	<b>1.169E-05</b>	<b>1.746E-06</b>	<b>7.518E-07</b>
RDPA2	2-axle Truck Route Parcel 2	2	5.829E-07	2.782E-08	2.065E-08
	4+-axle Truck Route Parcel 2 No TRU	1	8.565E-08	2.054E-08	1.349E-08
	4+-axle Truck Route Parcel 2 With TRU	1	2.450E-07	1.198E-07	2.784E-08
	<b>Total On-site Truck Route Parcel 2</b>	—	<b>9.136E-07</b>	<b>1.681E-07</b>	<b>6.197E-08</b>
RDPA34	2-axle Truck Route Parcels 3 & 4	6	1.873E-06	8.938E-08	6.635E-08
	4+-axle Truck Route Parcel 3 & 4 With TRU	6	1.574E-06	7.698E-07	1.789E-07
	<b>Total On-site Truck Route Parcels 3 &amp; 4</b>	—	<b>3.447E-06</b>	<b>8.591E-07</b>	<b>2.452E-07</b>
RDPA5	2-axle Truck Route Parcel 5	5	1.663E-06	7.935E-08	5.890E-08
	4+-axle Truck Route Parcel 5 No TRU	1	1.629E-07	3.906E-08	2.565E-08
	4+-axle Truck Route Parcel 5 With TRU	3	4.659E-07	2.278E-07	5.293E-08
	<b>Total On-site Truck Route Parcel 5</b>	—	<b>2.292E-06</b>	<b>3.462E-07</b>	<b>1.375E-07</b>
RDARN	2-axle Truck Archibald Ave North	10.5	5.232E-06	3.600E-07	2.507E-07
	4+-axle Truck Archibald Ave North No TRU	5.0	7.179E-07	2.048E-07	1.369E-07
	4+-axle Truck Archibald Ave North With TRU	4.3	1.237E-06	5.585E-07	1.747E-07
	<b>Total Trucks Archibald Ave North</b>	—	<b>7.187E-06</b>	<b>1.123E-06</b>	<b>5.622E-07</b>
RDARS	2-axle Truck Archibald Ave South	12.2	7.551E-06	5.196E-07	3.617E-07
	4+-axle Truck Archibald Ave South No TRU	5.8	1.036E-06	2.955E-07	1.976E-07
	4+-axle Truck Archibald Ave South With TRU	5.0	1.785E-06	8.060E-07	2.521E-07
	<b>Total Trucks Archibald Ave South</b>	—	<b>1.037E-05</b>	<b>1.621E-06</b>	<b>8.114E-07</b>

**Table 7 (cont.): Road Source DPM Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Truck Operations <sup>1</sup>	DPM Emission Rates (grams/second)		
			2017–2019	2020–2034	2034–2087
RDLIM	2-axle Truck Limonite Ave	11.2	7.187E-06	4.945E-07	3.443E-07
	4+-axle Truck Limonite Ave No TRU	5.3	9.860E-07	2.813E-07	1.881E-07
	4+-axle Truck Limonite Ave With TRU	4.6	1.699E-06	7.671E-07	2.399E-07
	<b>Total Trucks Limonite Ave</b>	—	<b>9.872E-06</b>	<b>1.543E-06</b>	<b>7.722E-07</b>

Note:  
<sup>1</sup> The on-site daily truck operations represent deliveries or round trips, since they are modeled as loop roads and the off-site roads represent one-way trips or trip end for the roads (i.e., one truck delivery is two trip ends).  
 Source: EMFAC2014; Offroad2011.

**Operations-Related Truck Idling**

The operations-related diesel truck idling was modeled as point sources with a separate point source placed at each on-site truck loading location. The analysis was based on each truck delivery idling on the project site for 15 minutes or 5 minutes for arriving to the loading area, 5 minutes for leaving the loading area, and 5 minutes for queueing activities at the loading area. The 5-minute period is based on Section 2485 of the California Code of Regulations that limits commercial truck idling to 5 minutes at any location. The emissions factor used for the truck idling point source was based on the EMFAC2014 Idling Emission Rates that are shown in Table 8. The EMFAC2014 model run printouts are provided in Appendix A.

**Table 8: EMFAC2014 Idling Trucks Emissions Rates**

Scenario	EMFAC2014 PM <sub>10</sub> Emissions Rates (grams/mile)	
	Heavy-Duty Trucks	Medium-Duty Trucks
Average Years 2017 to 2019	0.0362	0.3079
Average Years 2020 to 2034	0.0074	0.0059
Average Years 2035 to 2087	0.0017	0.0014

Source: EMFAC2014 Version 1.07.

The idling point sources were modeled in the AERMOD model with a 12.6-foot height, a 0.1-meter diameter, a velocity of 50 meters per second, and a temperature of 366°K. The idling point source emissions rates entered into the AERMOD model are shown in Table 9. The idling source emissions were determined by multiplying 15 minutes by the daily truck operations and dividing it by 24 hours in order to determine the percent of daily running time. The daily running time was then multiplied by the EMFAC2014 emissions rates that are detailed above and were converted to grams per second.

**Table 9: Idling Source DPM Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Truck Operations <sup>1</sup>	DPM Emission Rates (grams/second)		
			2017–2019	2020–2034	2034–2087
IDWALE	4+axle truck idling Walmart East	4.5	4.714E-07	9.608E-08	2.186E-08
IDWALW	4+axle truck idling Walmart West	4.5	4.714E-07	9.608E-08	2.186E-08
IDWALV	2-axle truck idling Walmart	10	8.909E-06	1.720E-07	3.920E-08
IDPA2H	4+axle truck idling Parcel 2	2	2.095E-07	4.270E-08	9.716E-09
IDPA2M	2-axle truck idling Parcel 2	2	1.782E-06	3.441E-08	7.841E-09
IDPA3H	4+axle truck idling Parcel 3	3	3.142E-07	6.405E-08	1.457E-08
IDPA3M	2-axle truck idling Parcel 3	3	2.673E-06	5.161E-08	1.176E-08
IDPA4H	4+axle truck idling Parcel 4	3	3.142E-07	6.405E-08	1.457E-08
IDPA4M	2-axle truck idling Parcel 4	3	2.673E-06	5.161E-08	1.176E-08
IDPA5H	4+axle truck idling Parcel 5	4	4.190E-07	8.540E-08	1.943E-08
IDPA5M	2-axle truck idling Parcel 5	5	4.455E-06	8.602E-08	1.960E-08

Note:  
<sup>1</sup> The daily truck operations represent each truck delivery for the idling sources.  
 Source: EMFAC2014

**Operations-Related Transport Refrigeration Units Emissions**

The operations-related diesel transport refrigeration units (TRU) were included in the modeling for both truck travel and truck idling at the loading areas. The TRU emissions were calculated based on the average of all TRUs in California and was estimated that each TRU would operate for 30 minutes for each truck delivery. The emission factors for the TRUs were obtained from OFFROAD2011 Emission Summary, Attachment D (ARB 2011), which provides emission rates for years 2012 to 2040 in grams per horsepower-hour. The years 2041 to 2087 were based on the year 2040 emission factors. The TRU emission rates were calculated based on a 34-horsepower TRU, a load factor of 0.53, and an on/off cycle factor of 0.5. The calculated OFFROAD2011 TRU emissions rates are shown in Table 10.

**Table 10: OFFROAD2011 TRU Emissions Rates**

Scenario	OFFROAD2011 PM Emissions Rates (grams/horsepower-hour)	DPM Emission Rates <sup>1</sup> (grams/hour)
Average Years 2017 to 2019	0.128	1.152
Average Years 2020 to 2034	0.080	0.718
Average Years 2035 to 2087	0.012	0.104

Note:  
<sup>1</sup> Calculated based on an average of 34 horsepower, a load factor of 0.53, and an on/off cycle factor of 0.5.  
 Source: OFFROAD2011.



The TRU emissions have been analyzed in the AERMOD model both as point sources located at the loading areas on the project site and as part of the roadway emissions. The TRU roadway emission rates were calculated by multiplying the hourly emission rates by the modeled speed for each roadway in order to convert the grams per hour emission rates to the grams per mile emission rates, and the results are shown in Table 10 where the emissions were combined with the truck travel modeling. The TRU point sources located at the loading areas on the project site were analyzed based on a base elevation of 0.0 meters, a release height of 12 feet, a gas exit temperature of 501°K, a stack inside diameter of 0.04 meter, and an exit velocity of 50 meters per second (170 feet per second). The TRU emissions rates used in the AERMOD model are shown in Table 11.

**Table 11: TRU Source DPM Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily TRU Operations <sup>1</sup>	DPM Emission Rates (grams/second)		
			2017–2019	2020–2034	2034–2087
TRUWALE	TRUs East Walmart Loading Dock	1.5	1.000E-05	6.229E-06	9.007E-07
TRUWALW	TRUs West Walmart Loading Dock	1.5	1.000E-05	6.229E-06	9.007E-07
TRUPA2	TRU Parcel 2	1	6.667E-06	4.153E-06	6.005E-07
TRUPA3	TRU Parcel 3	1	6.667E-06	4.153E-06	6.005E-07
TRUPA4	TRU Parcel 4	1	6.667E-06	4.153E-06	6.005E-07
TRUPA5	TRU Parcel 5	1	6.667E-06	4.153E-06	6.005E-07

Note:  
<sup>1</sup> The daily TRU operations represent truck deliveries with operational TRUs.  
 Source: EMFAC2014; Offroad2011.

**Project-Related Gas Station Emissions**

The proposed project may include the development of a gas station on Parcel 2. The proposed gas station is anticipated to sell 5,000 gallons of gasoline per day, which is based on a typical rate for gas stations with 16 fueling stations. This would result in 1,825,000 gallons of gasoline sold at the proposed gas station each year. Gasoline fumes released from gasoline dispensing facilities include several TAC pollutants, of which the predominant is benzene, followed by toluene and xylene. According to *Emission Inventory and Risk Assessment Guidelines for Gasoline Dispensing Stations* (SCAQMD Guidelines), prepared by SCAQMD, January 2007, states that “not until the benzene concentrations are more than two orders of magnitude above the 10 per million cancer risk threshold, do the emissions of toluene and xylene begin to cause adverse health effects.” Therefore, this analysis has been limited to calculating only the benzene emissions.

Analyses of health risks from gas station emissions modeling parameters were based on the SCAQMD Guidelines, which found that gas stations emissions are primarily from loading of gasoline, tank breathing, refueling, and spillage. The SCAQMD Guidelines provide benzene emission factors from gas station activities and are shown in Table 12. Table 12 also shows the calculated benzene emissions rate in grams per second, based on a gas station with a throughput of 1,825,000 gallons

per year that operates 24-hours per day, 365 days a year. In order to simplify the analysis, the benzene emissions were converted to DPM equivalent emissions. The conversion was based on a ratio of the cancer potency factor of 0.1 for benzene to the cancer potency factor of DPM of 1.1.

**Table 12: Proposed Gas Station TAC Emissions**

Activity	Emission Factors <sup>1</sup> (pounds/1000 gallons)		Proposed Gas Station Emissions (grams/second) <sup>1</sup>	
	Gasoline	Benzene	Benzene	Benzene DPM Equivalent <sup>2</sup>
Loading	0.42	0.00126	7.29E-08	5.297E-06
Tank Breathing	0.025	0.00075	4.34E-09	3.153E-07
<b>Combined Loading and Tank Breathing</b>			<b>7.73E-08</b>	<b>7.02E-09</b>
Refueling	0.32	0.00096	5.56E-08	4.036E-06
Spillage	0.42	0.0042	2.43E-07	1.766E-05
<b>Combined Refueling and Spillage</b>			<b>2.99E-07</b>	<b>2.71E-08</b>
Notes:				
<sup>1</sup> Proposed gas station emissions based on 1,825,000 gallons of gasoline per year and operational 24-hours per day, 365 days per year.				
<sup>2</sup> Benzene DPM Equivalent based on the ratio between the cancer potency factors of 0.1 for benzene and 1.1 for DPM.				
Source: SCAQMD, 2007				

The loading and tank breathing emissions from the proposed gas station were modeled in the AERMOD model as a point source located at the approximate location of the proposed tanks with a release height of 12 feet, a gas exit temperature of 294°K, a stack inside diameter of 0.05 meter and a gas exit flow velocity of 0.001 meter per second. The combined refueling and spillage emissions from the proposed gas station were modeled as a volume source with a horizontal dimensions of 13 meter by 13 meters, a vertical dimension of 5 meters.

**Project-Related Restaurant Cooking Emissions**

The proposed project may include the development of up to three restaurants located on Parcels 3, 4, and 5. Since the SCAQMD does not provide any specific methodology for analyzing restaurant cooking emissions, guidance provided by the San Joaquin Valley Air Pollution Control District (SJVAPCD 2007) has been utilized. For projects where the tenants have not yet been determined, the SJVAPCD Guidance recommends analyzing one restaurant with a CD-charbroiler that cooks 800 pounds of hamburger and 265 pounds of poultry per week; one restaurant with a flat griddle that cooks 360 pounds of hamburger, 110 pounds of poultry, and 110 pounds of pork per week; and one restaurant with a UF-charbroiler that cooks 270 pounds of hamburger and 145 pounds of poultry with skin per week.

According to the SJVAPCD Guidance, the primary TAC pollutants created from restaurants are naphthalene (NA) and other polycyclic aromatic hydrocarbons (PAH) without NA. The SJVAPCD Guidance provides default NA and PAH without NA emissions calculations for each of three types of

restaurants and are summarized below in Table 13. According to the cancer potency factors,<sup>3</sup> the cancer potency factor for both NA and PAH without NA is 0.000034 and the cancer potency factor for DPM is 0.0003. In order to simplify the analysis, the NA and PAH without NA emissions rates have been converted to a DPM equivalent emission rate, through multiplying the calculated emission rates for NA and PAH without NA by 0.1133, which is the ratio of the NA potency factor to the DPM potency factor. Finally Table 13 shows the combined Total DPM Equivalent emissions rates for each restaurant type, which was calculated by adding the PAH without NA DPM equivalent rate to the NA DPM equivalent rate.

**Table 13: Proposed Restaurants Cooking Emissions**

Restaurant Type	Total Restaurant Emissions (pounds/hour)		PAH without NA <sup>1</sup> (grams/second)		Naphthalene (grams/second)		Combined Total DPM Equivalent (grams/second)
	PAH without NA	Naphthalene	Total	DPM Equiv. <sup>2</sup>	Total	DPM Equiv. <sup>2</sup>	
CD-Charbroiler	2.91E-07	1.73E-05	3.67E-08	4.16E-09	2.18E-06	2.47E-07	2.51E-07
Flat Griddle	8.64E-08	1.94E-05	1.09E-08	1.23E-09	2.44E-06	2.77E-07	2.78E-07
UF-Charbroiler	7.61E-07	3.82E-05	9.59E-08	1.09E-08	4.81E-06	5.45E-07	5.56E-07

Notes:  
<sup>1</sup> PAH without NA = polycyclic aromatic hydrocarbons (PAH) without naphthalene (NA).  
<sup>2</sup> DPM Equiv. = Diesel particulate matter equivalent. Calculated from the ratio of the NA potency factor (0.000034) the DPM potency factor (0.0003) = 0.1133  
 Source: SJVAPCD, 2007.

Based on the SJVAPCD Guidance the three restaurants were analyzed as point sources with a height of 5 feet above roof height or 28 feet high, a temperature of 200°F, a velocity of 20.16 feet per second, and a stack diameter of 1 foot.

### 5.3 - Criteria Pollutant Emissions Assumptions

The proposed project is anticipated to generate criteria pollutant emissions from automobile and truck operations, gasoline fuel station operations, and from restaurant food cooking activities. The local air quality emissions from on-site operational activities were analyzed according to the methodology described in Localized Significance Threshold Methodology (SCAQMD 2009). The SCAQMD report identified NO<sub>x</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub> as the criteria pollutants of concern, due to the attainment status and to the potential health impacts caused from elevated local concentrations of these pollutants.

#### Operation-Related Automobile and Truck Emissions

The Traffic Impact Analysis (Urban Crossroads 2014) found the proposed project would generate 14,268 vehicle trips and the truck trips generated from the proposed project are provided in Table 5.

<sup>3</sup> Provided online at <http://www.oehha.ca.gov/risk/ChemicalDB/index.asp>.

The project related vehicle emissions have been analyzed separately for automobile travel, truck travel, truck idling, and TRU emissions.

**Project-Related Vehicle Travel**

Project-related vehicle travel utilized the same truck routes analyzed for the TAC analysis plus added an additional on-site route to account for on-site automobile emissions. For the off-site roadways that were analyzed, the automobile emissions were combined with the truck emissions and were analyzed from the same line volume sources utilized for the TAC analysis.

The emission factors used for the roadway line volume sources were obtained from a model run of the EMFAC2014 for South Coast portion of Riverside County at a temperature of 65°F and a humidity of 40 percent. The automobile trips were analyzed under the non-truck vehicle mix, which includes an average from all vehicle classes other than trucks. The PM<sub>10</sub> and PM<sub>2.5</sub> emissions rates also include emissions from tire wear and brake wear. The EMFAC2014 model results are shown in Table 14 and the model run printouts are provided in Appendix A.

**Table 14: EMFAC2014 Vehicle Criteria Pollutant Emissions Rates**

Scenario	EMFAC2014 Year 2017 Running Emissions Rates (grams/mile) <sup>1</sup>			
	CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Non-Truck at 10 mph	2.1017	0.2307	0.0541	0.0257
Non-Truck at 50 mph	1.0259	0.1328	0.0476	0.0197
Medium-Duty Trucks at 10 mph	3.006	10.460	0.399	0.305
Medium-Duty Trucks at 45 mph	0.7582	3.5606	0.2477	0.1597
Heavy-Duty Trucks at 10 mph	4.0642	16.5597	0.1839	0.1179
Heavy-Duty Trucks at 45 mph	0.6127	4.9092	0.1323	0.0686

Note:  
<sup>1</sup> PM<sub>10</sub> and PM<sub>2.5</sub> running emission rates include emissions from brake wear and tire wear.  
 Source: EMFAC2014 Version 1.07.

Project-related vehicle travel emissions were modeled in the AERMOD model by using line volume sources. The line volume sources were modeled with a plume height of 6 feet and plume width of 12 feet for the on-site roads, and a plume width of 60 feet for Archibald Avenue and Limonite Avenue. All roads were modeled with a release height of 12 feet. In order to simplify the analysis, the emissions from each class of vehicle were added together and modeled as one line volume source for each roadway. The road source emissions rates entered into the AERMOD model are shown in Table 15. The road source emissions were determined by calculating the time it takes for each vehicle to cross two volume source cubes (a cube is equal to the road width) and then multiplying that amount of time by the daily truck operations and dividing it by 24 hours in order to determine the percent of daily running time. The daily running time was then multiplied by the EMFAC2014 emissions rates that are detailed above and were converted to grams per second.

**Table 15: Road Source Criteria Pollutant Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Vehicle Operations <sup>1</sup>	Emission Rates (grams/second)			
			CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
RDWAL	2-axle Truck Route Walmart	10	1.168E-04	8.126E-04	1.551E-05	1.183E-05
	4+-axle Truck Route Walmart No TRU	6	9.472E-05	7.719E-04	4.286E-06	2.748E-06
	4+-axle Truck Route Walmart With TRU	3	4.736E-05	5.314E-04	3.485E-06	2.717E-06
	<b>Total On-site Truck Route Walmart</b>	—	<b>2.589E-04</b>	<b>2.116E-03</b>	<b>2.328E-05</b>	<b>1.730E-05</b>
RDPA2	2-axle Truck Route Parcel 2	2	8.315E-06	5.787E-05	1.104E-06	8.425E-07
	4+-axle Truck Route Parcel 2 No TRU	1	5.621E-06	4.580E-05	2.543E-07	1.631E-07
	4+-axle Truck Route Parcel 2 With TRU	1	5.621E-06	6.307E-05	4.136E-07	3.224E-07
	<b>Total On-site Truck Route Parcel 2</b>	—	<b>1.956E-05</b>	<b>1.667E-04</b>	<b>1.772E-06</b>	<b>1.328E-06</b>
RDPA34	2-axle Truck Route Parcels 3 & 4	2	2.672E-05	1.859E-04	3.548E-06	2.707E-06
	4+-axle Truck Route Parcel 3 & 4 With TRU	2	3.612E-05	4.053E-04	2.658E-06	2.072E-06
	<b>Total On-site Truck Route Parcels 3 &amp; 4</b>	—	<b>6.284E-05</b>	<b>5.913E-04</b>	<b>6.206E-06</b>	<b>4.779E-06</b>
RDPA5	2-axle Truck Route Parcel 5	3	2.372E-05	1.651E-04	3.150E-06	2.403E-06
	4+-axle Truck Route Parcel 5 No TRU	1	1.069E-05	8.711E-05	4.837E-07	3.102E-07
	4+-axle Truck Route Parcel 5 With TRU	1	1.069E-05	1.199E-04	7.866E-07	6.131E-07
	<b>Total On-site Truck Route Parcel 5</b>	—	<b>4.510E-05</b>	<b>3.721E-04</b>	<b>4.420E-06</b>	<b>3.327E-06</b>
RDARN	Autos Archibald Ave North	4423	2.487E-02	6.436E-03	1.154E-03	4.781E-04
	2-axle Truck Archibald Ave North	10.5	4.380E-05	4.114E-04	1.431E-05	9.226E-06
	4+-axle Truck Archibald Ave North No TRU	5.0	1.666E-05	2.669E-04	3.596E-06	1.864E-06
	4+-axle Truck Archibald Ave North With TRU	4.3	1.457E-05	2.995E-04	3.756E-06	2.240E-06
	<b>Total Trucks Archibald Ave North</b>	—	<b>2.494E-02</b>	<b>7.414E-03</b>	<b>1.176E-03</b>	<b>4.915E-04</b>
RDARS	Autos Archibald Ave South	5136	3.589E-02	9.289E-03	1.666E-03	6.900E-04
	2-axle Truck Archibald Ave South	12.2	6.321E-05	5.937E-04	2.065E-05	1.331E-05
	4+-axle Truck Archibald Ave South No TRU	5.8	2.404E-05	3.852E-04	5.190E-06	2.690E-06
	4+-axle Truck Archibald Ave South With TRU	5.0	2.103E-05	4.323E-04	5.420E-06	3.232E-06
	<b>Total Trucks Archibald Ave South</b>	—	<b>3.600E-02</b>	<b>1.070E-02</b>	<b>1.697E-03</b>	<b>7.093E-04</b>

**Table 15 (cont.): Road Source Criteria Pollutant Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Vehicle Operations <sup>1</sup>	Emission Rates (grams/second)			
			CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
RDLIM	Autos Limonite Ave	4708	3.415E-02	8.839E-03	1.59E-03	6.566E-04
	2-axle Truck Limonite Ave	11.2	6.016E-05	5.650E-04	1.97E-05	1.267E-05
	4+-axle Truck Limonite Ave No TRU	5.3	2.288E-05	3.666E-04	4.94E-06	2.560E-06
	4+-axle Truck Limonite Ave With TRU	4.6	2.002E-05	4.114E-04	5.16E-06	3.076E-06
	<b>Total Trucks Limonite Ave</b>	—	<b>3.425E-02</b>	<b>1.018E-02</b>	<b>1.62E-03</b>	<b>6.749E-04</b>
RDON	<b>On-site Auto Route</b>	7134	<b>5.458E-02</b>	<b>1.198E-02</b>	<b>1.40E-03</b>	<b>6.664E-04</b>

Note:

<sup>1</sup> The on-site daily vehicle operations represent deliveries or round trips, since they are modeled as loop roads and the off-site roads represent one-way trips or trip end for the roads (i.e., one truck delivery is two trip ends).

Source: EMFAC2014; Offroad2011.

### Project-Related Truck Idling

Project-related diesel truck idling were modeled on the same parameters that were utilized for the TAC analysis with the exception of the emission rates, which were changed to match each pollutant being analyzed. The calculated CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> idling emissions rates calculated by EMFAC2014 for the year 2017 are shown in Table 16. The EMFAC2014 model run printouts are provided in Appendix A.

**Table 16: EMFAC2014 Idling Trucks Emissions Rates**

Scenario	Idling Emissions Rates (grams/hour)			
	CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Heavy-Duty Trucks	4.869	36.9284	0.0450	0.0430
Medium-Duty Trucks	23.903	75.8383	0.3612	0.3456

Source: EMFAC2014 Version 1.07.

The idling point sources were modeled in the AERMOD model with a 12.6-foot height, a 0.1-meter diameter, a velocity of 50 meters per second, and a temperature of 366°K. The idling point source emissions rates entered into the AERMOD model are shown in Table 17. The idling source emissions were calculated from the same methodology detailed above the TAC emissions analysis.

**Table 17: Idling Source Criteria Pollutant Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Truck Operations <sup>1</sup>	Emission Rates (grams/second)			
			CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
IDWALE	4+axle truck idling Walmart East	4.5	6.340E-05	4.808E-04	5.859E-07	5.605E-07
IDWALW	4+axle truck idling Walmart West	4.5	6.340E-05	4.808E-04	5.859E-07	5.605E-07
IDWALV	2-axle truck idling Walmart	10	6.916E-04	2.194E-03	1.045E-05	1.000E-05
IDPA2H	4+-axle truck idling Parcel 2	2	2.818E-05	2.137E-04	2.604E-07	2.491E-07
IDPA2M	2-axle truck idling Parcel 2	2	1.383E-04	4.389E-04	2.090E-06	2.000E-06
IDPA3H	4+-axle truck idling Parcel 3	3	4.226E-05	3.206E-04	3.906E-07	3.737E-07
IDPA3M	2-axle truck idling Parcel 3	3	2.075E-04	6.583E-04	3.136E-06	3.000E-06
IDPA4H	4+-axle truck idling Parcel 4	3	4.226E-05	3.206E-04	3.906E-07	3.737E-07
IDPA4M	2-axle truck idling Parcel 4	3	2.075E-04	6.583E-04	3.136E-06	3.000E-06
IDPA5H	4+-axle truck idling Parcel 5	4	5.635E-05	4.274E-04	5.208E-07	4.982E-07
IDPA5M	2-axle truck idling Parcel 5	5	3.458E-04	1.097E-03	5.226E-06	5.000E-06

Note:  
<sup>1</sup> The daily truck operations represent each truck delivery for the idling sources.  
 Source: EMFAC2014

**Project-Related Transport Refrigeration Units Emissions**

Project-related TRUs were modeled for the criteria pollutant analysis based on the same point sources that were modeled for the TAC emissions analysis detailed above. The TRU emission rates were obtained from the OFFROAD2011 model for the year 2017. The OFFROAD2011 model only provides emission rates for PM and NO<sub>x</sub>. The PM<sub>10</sub> and PM<sub>2.5</sub> criteria pollutant analyses were based on emission rates of 1.00E-05 grams per second for the two Walmart loading docks, and 6.667E-06 grams per second for the TRU emissions from Parcels 2, 3, 4, and 5. The NO<sub>x</sub> criteria pollutant analysis were based on an emission rates of 5.419E-04 grams per second for the two Walmart loading docks, and 3.613E-04 grams per second for the TRU emissions from Parcels 2, 3, 4, and 5.

**Project-Related Gas Station Emissions**

As detailed above in the TAC emissions methodology, gas stations primarily emit VOCs that include benzene. Only negligible levels of CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions are anticipated from the operation of a gas station and have not been modeled in the criteria pollutant analysis.

**Project-Related Restaurant Cooking Emissions**

As detailed above in the TAC emissions methodology, restaurants primarily emit PAHs, which are a form of VOC. Only negligible levels of CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions are anticipated from the operation of restaurants and have not been modeled in the criteria pollutant analysis.

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## SECTION 6: HEALTH RISK STANDARDS AND THRESHOLDS

### 6.1 - TAC Emissions

Any project with the potential to expose sensitive receptors or the general public to substantial levels of TACs would be deemed to have a potentially significant impact. A health risk is the probability that exposure to a TAC under a given set of conditions will result in an adverse health effect. The health risk is affected by several factors, such as the amount, toxicity, and concentration of the contaminant; meteorological conditions; distance from the emission sources to people; the distance between emission sources; the age, health, and lifestyle of the people living or working at a location; and the length of exposure to the toxic air contaminant.

The term “risk” usually refers to the chance of contracting cancer as a result of an exposure, and it is expressed as a probability: chances-in-a-million. The values expressed for cancer risk do not predict actual cases that will result from exposure to toxic air contaminants. Rather, they state a probability of contracting cancer over and above the background level and over a given exposure to toxic air contaminants.

According to the SCAQMD (SCAQMD 2015), any project that has the potential to expose the public to TACs in excess of the following threshold would be considered to result in a significant impact:

- Maximum Incremental Cancer Risk of 10 in 1 million or greater at the nearby sensitive receptors; or
- A non-cancer acute and chronic risk of a Hazard Index of 1.0 or greater.

### 6.2 - Localized Criteria Pollutant Emissions

In order to assess localized air quality impacts, the SCAQMD has developed Localized Significant Thresholds (LSTs) to assess the project-related air emissions in the project vicinity. SCAQMD has also provided Final Localized Significance Threshold Methodology (SCAQMD 2008), which details the methodology to analyze local air emission impacts. The LST Methodology found that the primary emissions of concern are NO<sub>2</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub>.

The significance thresholds for the local emissions of NO<sub>2</sub> and CO are determined by subtracting the highest background concentration from the last 3 years of these pollutants from Table 2 above, from the most restrictive ambient air quality standards for these pollutants that are outlined in the LSTs. Since PM<sub>10</sub> and PM<sub>2.5</sub> currently exceed the most restrictive ambient air quality standards in the South Coast Air Basin, their thresholds have been directly based on the LSTs, and, therefore, background concentrations of PM<sub>10</sub> and PM<sub>2.5</sub> are not factored into the threshold. Table 18 shows the LSTs for NO<sub>2</sub>, CO, and PM<sub>10</sub> and PM<sub>2.5</sub>.

**Table 18: SCAQMD Localized Criteria Pollutant Thresholds of Significance**

Pollutant	Averaging Time	Significance Threshold
Nitrogen Dioxide (NO <sub>2</sub> )	1-hour (State)	0.18 ppm
	1-hour (National) <sup>1</sup>	0.10 ppm
	Annual	0.03 ppm
Carbon Monoxide (CO)	1-hour	20 ppm
	8 hour	9 ppm
PM <sub>10</sub> – Operations	24-hour	2.5 µg/m <sup>3</sup>
	Annual	1.0 µg/m <sup>3</sup>
PM <sub>2.5</sub> – Operations	24-hour	2.5 µg/m <sup>3</sup>
<p>Note:</p> <p><sup>1</sup> The SCAQMD has not included the federal NO<sub>2</sub> standard in its listing of LSTs; however, this standard has been included in the assessment.</p> <p><sup>2</sup> The thresholds for NO<sub>2</sub> and CO are the most restrictive federal or state ambient air quality standard; the significance thresholds for PM<sub>10</sub> and PM<sub>2.5</sub> are taken from the SCAQMD listing of air quality significance thresholds</p> <p>Source: South Coast Air Quality Management District, 2012b.</p>		

## SECTION 7: HEALTH RISK IMPACTS

This section assesses the potential health risk from TAC emissions and localized criteria pollutant air quality impacts resulting from the operation of the proposed project.

### 7.1 - Estimation of Health Risks Associated with TAC Emissions

Health risks from TACs are twofold. First, TACs are carcinogens according to the State of California. Second, short-term acute and long-term chronic exposure to TACs can cause health effects to the respiratory system and other organs. Each of these health risks is discussed below.

#### 7.1.1 - Cancer Risks

According to SCAQMD methodology (SCAQMD 2003) and OEHHA methodology (OEHHA 2015), health effects from carcinogenic air toxics are usually described in terms of individual cancer risk, which is the likelihood that a person exposed to concentrations of TACs over a 70-year lifetime will contract cancer, based on the use of standard risk-assessment methodology. The cancer risk should be calculated using the following formula:

$$[\text{Dose-inh (mg/(Kg-day))}] * [\text{Oral Slope Factor (kg-day)/mg}] * [1 \times 10^6] * \text{Age Sensitivity Factor} * \text{Fraction of Time at Home} = \text{Potential Cancer Risk}$$

Where:

Oral Slope Factor = 1.1

Age Sensitivity Factor = 10 for 3<sup>rd</sup> trimester to 2 years; 3 for 2 to 16 years; and 1 for 16 to 69.75 years

Fraction of Time at Home = 0.85 for 3<sup>rd</sup> trimester to 2 years; 0.72 for 2 to 16 years; and 0.73 for 16 to 70 years

$$\text{Dose-inh} = (\text{C}_{\text{air}} * \text{DBR} * \text{A} * \text{EF} * \text{ED} * 10^6) / \text{AT}$$

Where:

C<sub>air</sub> [Concentration in air (µg/m<sup>3</sup>)] = (Calculated by AERMOD Model)

DBR [Daily breathing rate (L/kg body weight – day)] = 1,009 for 3<sup>rd</sup> trimester to 2 years; 745 for 2 to 16 years and 233 for 16 to 69.75 years.

A [Inhalation absorption factor] = 1

EF [Exposure frequency (days/year)] = 350 for residential uses

ED [Exposure duration (years)] = 70 for residential uses

106 [Conversion to cancer risk per 1,000,000 persons]

AT [Average time period over which exposure is averaged in days] = 25,550

The OEHHA guidance recommends that Age Sensitivity Factors be utilized, which includes a 10-fold multiplier to infants (3<sup>rd</sup> trimester to age 2), a 3-fold increase in exposure for children (ages 2 to 16 years old), and an exposure factor of 1 for ages 16 and older. The OEHHA guidance also recommends

separate breathing rates for each age group, which utilizes the 95<sup>th</sup> percentile breathing rates. The 95<sup>th</sup> percentile breathing rates for 3<sup>rd</sup> trimester is 361, for 0 to 2 years is 1,090, for 2 to 16 years is 745, and for 16 to 70 is 290. In order to simplify the analysis, the 3<sup>rd</sup> trimester and 0 to 2 year breathing rates were time-weighted averaged together, which resulted in a breathing rate of 1,009. The OEHHA guidance also recommends utilizing the Fraction of Time at Home in the in the calculation, since exposure to TAC emissions from the proposed project is not occurring when not at home. The OEHHA developed these calculations from analyzing over 175,000 trips in a survey and determined that only 0.68 percent of these trips overlap with the EF (days per year when residents are on vacation).

According to the above formula, the potential cancer risk for residential receptors equates to  $C_{air} * 9,057$  for 3<sup>rd</sup> trimester to age 2,  $C_{air} * 1,700$  for ages 2 to 16, and  $C_{air} * 223.3$  for ages 16 to 69.75. Table 19 provides a summary of the calculated diesel PM<sub>10</sub> emission concentrations at the nearby sensitive receptors. Appendix B provides the construction-related DPM concentrations calculation printouts from the AERMOD model. Appendix C provides the 2017–2019 DPM equivalent emission concentrations calculation printouts from the AERMOD model. Appendix D provides the 2020–2034 DPM equivalent emission concentrations calculation printouts from the AERMOD model. Appendix E provides the 2035–2087 DPM equivalent emission concentrations calculation printouts from the AERMOD model. Exhibit 7 shows the 2017–2019 annual average DPM equivalent concentrations in the vicinity of the project site.

**Table 19: Annual DPM Concentrations and Cancer Risks at Nearby Sensitive Receptors**

Receptor Number	Receptor Description	Receptor Location <sup>1</sup>		Annual DPM Concentration (µg/m <sup>3</sup> )				Cancer Risk per Million People <sup>2</sup>
		X	Y	Construction	2017–2019	2020–2034	2035–2087	
1	SFR east side	445775	3759546	0.0110	0.00158	0.00047	0.00012	2.8
2	SFR east side	445738	3759518	0.0180	0.00181	0.00059	0.00014	4.6
3	SFR east side	445697	3759435	0.0301	0.00194	0.00069	0.00015	7.5
4	SFR east side	445654	3759362	0.0341	0.00215	0.00075	0.00016	8.4
5	SFR southeast side	445627	3759314	0.0311	0.00231	0.00083	0.00017	7.8
6	Park south side	445489	3759232	0.0259	0.00322	0.00126	0.00024	6.8
7	SFR south side	445601	3759139	0.0096	0.00140	0.00051	0.00010	2.5
8	SFR south side	445402	3759055	0.0059	0.00132	0.00047	0.00010	1.6
9	SFR south side	445285	3759024	0.0045	0.00135	0.00043	0.00011	1.3
10	SFR south side	445254	3759017	0.0042	0.00152	0.00044	0.00012	1.2
11	SFR west side	445159	3759478	0.0177	0.00239	0.00084	0.00019	4.6
12	SFR west side	445161	3759538	0.0150	0.00202	0.00064	0.00016	3.9
13	SFR northwest side	445165	3759637	0.0092	0.00156	0.00044	0.00012	2.4
PMI <sup>3</sup>	Location varies	—	—	0.0874	0.00544	0.00216	0.00042	— <sup>4</sup>
SCAQMD Cancer Risk Threshold								10.0

**Table 19: Annual DPM Concentrations and Cancer Risks at Nearby Sensitive Receptors**

Receptor Number	Receptor Description	Receptor Location <sup>1</sup>		Annual DPM Concentration (µg/m <sup>3</sup> )				Cancer Risk per Million People <sup>2</sup>
		X	Y	Construction	2017–2019	2020–2034	2035–2087	
Notes:								
<sup>1</sup> Receptor location based on World Geodetic System 1984 (WGS84), Universal Transverse Mercator (UTM).								
<sup>2</sup> Cancer risk based on a residential receptor cancer risk of: C <sub>air</sub> (Construction) * 9,057 * 1.82 years + C <sub>air</sub> (2017–2019) * 9,057 * 0.43 years ([1.82+0.43=2.5] 3rd trimester to age 2) + C <sub>air</sub> (2020–2034) * 1,700 * 14 years (ages 2 to 16) + C <sub>air</sub> (2035–2087) * 223.3 * 53.75 years (ages 16 to 69.75) divided by 70 years.								
<sup>3</sup> PMI = point of maximum impact and varies between the property line on the north and south sides of the project site and is located in either roadway or designated open space areas, where no sensitive receptors are located..								
<sup>4</sup> Consistent with SCAQMD and OEHHA guidance, the cancer risk is only calculated at locations of sensitive receptors.								
Source: ISC-AERMOD View Version 8.9.0. See Appendices B, C, D, and E.								

Table 19 indicates that development of the proposed project would result in a cancer risk increase of up to 8.4 per million persons at Receptor 4 that is located at a single-family home on the east side of the project site. The calculated cancer risks from the proposed project is below the 10.0 in a million cancer risk threshold that has been discussed in Section 6.1. Therefore, no significant long-term cancer risk is anticipated from TAC emissions created by the proposed project.

### 7.1.2 - Non-Cancer Risks

In addition to the cancer risk from exposure to DPM, there is also the potential DPM exposure may result in adverse health impacts from acute and chronic illnesses, which are detailed below.

#### Chronic Health Impacts

Chronic health effects are characterized by prolonged or repeated exposure to a TAC over many days, months, or years. Symptoms from chronic health impacts may not be immediately apparent and are often irreversible. The chronic hazard index is based on the most impacted sensitive receptor from the proposed project and is calculated from the annual average concentrations of DPM equivalent emissions. The relationship for non-cancer chronic health effects is given by the equation:

$$HI_{DPM} = C_{DPM} / REL_{DPM}$$

Where

HI<sub>DPM</sub> = Hazard Index; an expression of the potential for non-cancer health effects

C<sub>DPM</sub> = Annual average diesel particulate matter concentration in µg/m<sup>3</sup>

REL<sub>DPM</sub> = Reference Exposure Level (REL) for diesel particulate matter; the diesel particulate matter concentration at which no adverse health effects are anticipated

The REL<sub>DPM</sub> is 5 µg/m<sup>3</sup>. The OEHHA, as protective for the respiratory system, has established this concentration. From Table 19 above, the AERMOD model found that the highest annual concentration at the point of maximum impact is 0.0339 µg/m<sup>3</sup> for DPM equivalent that would occur during construction. The resulting Hazard Index is:

$$HI_{DPM} = 0.0339 / 5 = 0.00678$$

The criterion for significance is a Chronic Hazard Index increase of 1.0 or greater, which is detailed in Section 6.1. Therefore, the ongoing operations of the proposed project would result in a less than significant impact due to the non-cancer chronic health risk from TAC emissions created by the proposed project.

**Acute Health Impacts**

Acute health effects are characterized by sudden and severe exposure and rapid absorption of a TAC. Normally, a single large exposure is involved. Acute health effects are often treatable and reversible. According to the OEHHA, no acute risk has been found to be directly created from DPM, so there is no AREL assigned to DPM, and, therefore, it is not possible to utilize a DPM equivalent emission calculation to calculate the acute health impacts from the proposed project. It should also be noted that the TAC pollutants created from operation of the proposed restaurants would be limited to naphthalene and PAH without naphthalene, both of which do not create an acute risk according to the OEHHA. However, the gasoline dispensing facility associated with the proposed project would emit benzene, which is a TAC that has an acute risk associated with it by the OEHHA. According to Table 1 above, 2.0 percent of diesel emissions by weight is benzene. Therefore, since benzene would be emitted by both the proposed gas station and from diesel emissions, the acute health impacts from the proposed project have been calculated through use of a benzene equivalent emission factor.

In order to account for the acute health impacts created from diesel emissions, the TAC pollutants that are emitted as part of diesel emissions were converted to a benzene equivalent weighting, through multiplying the diesel weight fraction of each TAC to its corresponding acute REL and then dividing by the benzene Acute REL of 27. Then all benzene weighted acute RELs from the TAC pollutants created from diesel emissions and shown in Table 1 were added together, which resulted in a benzene weighted equivalent factor of 72.99 for diesel emissions. The AERMOD model was re-run based on all diesel source emission rates multiplied by 72.99, through use of the benzene emission rates for the gasoline dispensing facility shown above in Table 12, and the restaurant emission sources removed from the AERMOD model. All other parameters were the same as detailed above in Section 5.2.

The relationship for non-cancer acute health effects is given by the equation:

$$AHI_{benzene} = C_{benzene}/AREL_{benzene}$$

Where

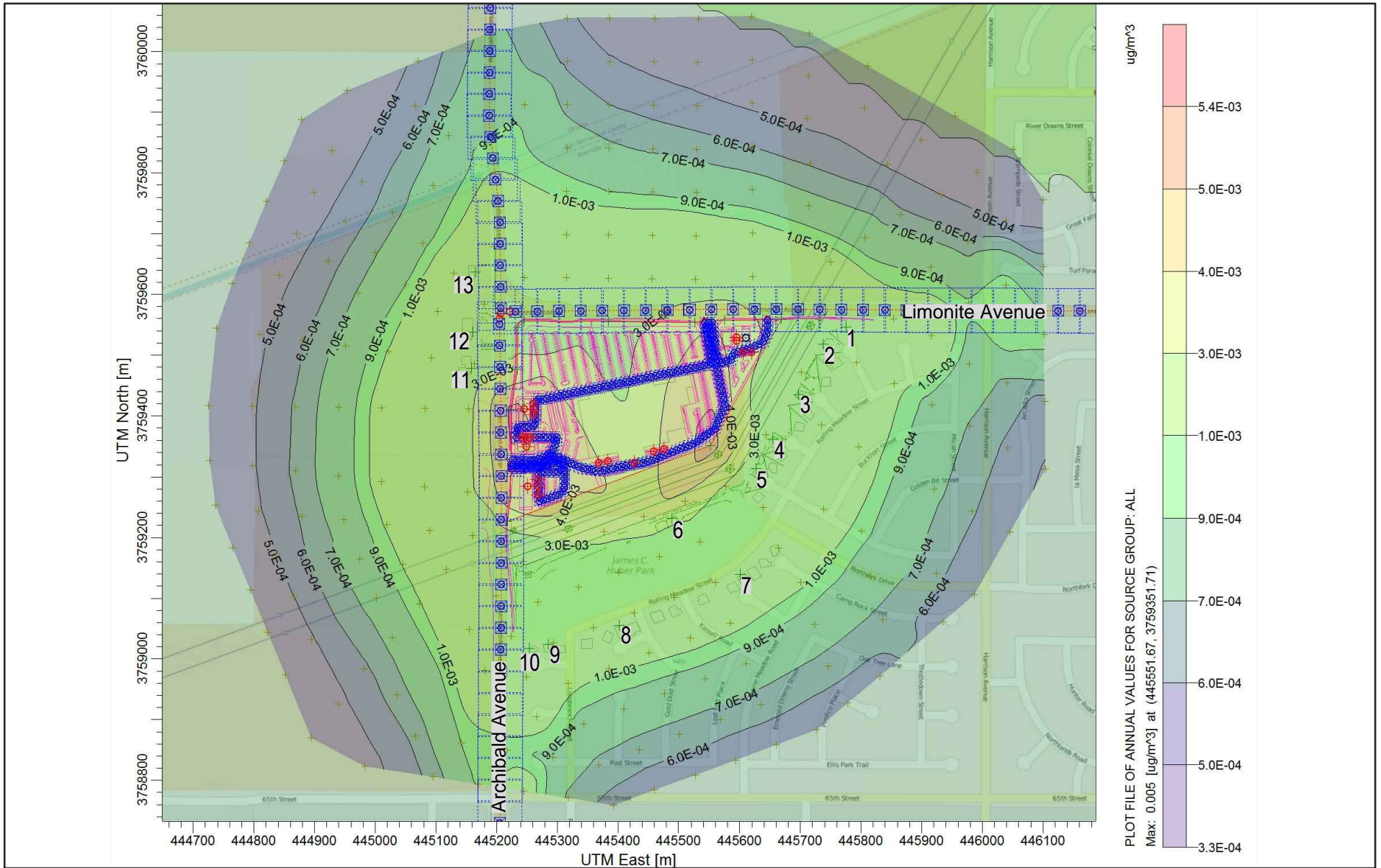
$AHI_{benzene}$  = Acute Hazard Index; an expression of the potential for non-cancer health effects

$C_{benzene}$  = Maximum hourly concentration of benzene equivalent in  $\mu\text{g}/\text{m}^3$

$AREL_{benzene}$  = Acute Reference Exposure Level for benzene

The  $AREL_{benzene}$  is  $27 \mu\text{g}/\text{m}^3$ . The OEHHA as protective for the respiratory system has established this concentration. The benzene equivalent maximum one-hour model run is provided in Appendix F, which shows the maximum hourly concentration at  $1.08 \mu\text{g}/\text{m}^3$  for benzene equivalent acute non-cancer risk emissions. The resulting Hazard Index is. The resulting Hazard Index is:

$$AHI_{benzene} = 1.08/27 = 0.04$$



Source: AERMOD View Version 8.9.0.



## Exhibit 7

### Modeled Study Area Annual 2017-2019 DPM Equivalent Concentrations

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The criterion for significance is an Acute Hazard Index increase of 1.0 or greater, which is detailed in Section 6.1. Therefore, the ongoing operations of the proposed project would result in a less than significant impact due to the non-cancer acute health risk from TAC emissions created by the proposed project.

## 7.2 - Estimation of Localized Criteria Pollutant Concentrations

The local air quality emissions from operational activities within 0.25 mile of the project site were analyzed according to the methodology described in Localized Significance Threshold Methodology (SCAQMD 2009). The SCAQMD report identified NO<sub>x</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub> as the criteria pollutants of concern due to the attainment status and to the potential health impacts caused from elevated local concentrations of these pollutants.

This analysis requires the completion and interaction of four general steps:

- (1) Quantify generated emissions;
- (2) Identify ground-level receptor locations that may be affected by the emissions (including any special sensitive receptor locations such as residences, schools, hospitals, convalescent homes, and daycare centers);
- (3) Perform air dispersion modeling analyses to estimate ambient pollutant concentrations at each receptor location using the emission estimates and representative meteorological data to define the transport of those emissions in the atmosphere; and
- (4) Compare the calculated pollutant concentrations with the applicable significance thresholds (ambient air quality standards or significant impact levels).

### 7.2.1 - Localized Carbon Monoxide Concentrations

The CO concentrations from operation of the proposed project have been calculated through use of the AERMOD model and the input parameters detailed above in Section 5.2. A summary of the CO concentrations at the same nearby sensitive receptors analyzed above in the TAC analysis are shown in Table 20. Exhibit 8 shows the calculated 1-hour CO concentrations. The AERMOD input and output files for the CO calculations are provided in Appendix G.

**Table 20: Localized CO Concentrations at Nearby Sensitive Receptors**

Receptor Number	1-Hour CO			8-Hour CO		
	Project Only (µg/m <sup>3</sup> )	Project Only <sup>1</sup> (ppm)	Project + Ambient (ppm)	Project Only (µg/m <sup>3</sup> )	Project Only (ppm)	Project + Ambient (ppm)
1	8.46	0.0077	2.80	6.05	0.0055	1.96
2	8.75	0.0080	2.80	5.86	0.0053	1.96
3	8.66	0.0079	2.80	4.53	0.0041	1.95
4	6.17	0.0056	2.80	4.12	0.0037	1.95

**Table 20 (cont.): Localized CO Concentrations at Nearby Sensitive Receptors**

Receptor Number	1-Hour CO			8-Hour CO		
	Project Only (µg/m <sup>3</sup> )	Project Only <sup>1</sup> (ppm)	Project + Ambient (ppm)	Project Only (µg/m <sup>3</sup> )	Project Only (ppm)	Project + Ambient (ppm)
5	4.71	0.0043	2.79	3.78	0.0034	1.95
6	5.11	0.0046	2.79	4.04	0.0037	1.95
7	3.06	0.0028	2.79	2.36	0.0021	1.95
8	4.42	0.0040	2.79	2.90	0.0026	1.95
9	6.54	0.0059	2.80	4.43	0.0040	1.95
10	8.26	0.0075	2.80	5.95	0.0054	1.96
11	8.68	0.0079	2.80	8.58	0.0078	1.96
12	9.47	0.0086	2.80	8.56	0.0078	1.96
13	9.47	0.0086	2.80	7.50	0.0068	1.96
PMI <sup>2</sup>	29.38	0.0267	2.82	20.78	0.0189	1.97
<b>Standard/Threshold</b>			<b>20</b>	—	—	<b>9</b>

Notes:  
<sup>1</sup> A conversion factor of 1,100 was utilized and is based on a standard temperature of 25 degrees centigrade and a standard atmospheric pressure of 760 millibars.  
<sup>2</sup> PMI = point of maximum impact and is located on the proposed project property line adjacent to Limonite Avenue and Project Driveway 2  
 Source: ISC-AERMOD View Version 8.9.0

Table 20 shows that the calculated ambient plus project levels of CO would be as high as 2.82 ppm for 1-hour CO concentrations and 1.97 ppm for 8-hour CO concentrations. This would be within both the federal and state 8-hour AAQS for CO of 20 ppm for the 1-hour standard and 9 ppm for the 8-hour standard. Impacts would be less than significant.

**7.2.2 - Localized Nitrogen Dioxide Concentrations**

The NO<sub>2</sub> concentrations from operation of the proposed project have been calculated through use of the AERMOD model and the input parameters detailed above in Section 5.2. A summary of the NO<sub>2</sub> concentrations at the same nearby sensitive receptors analyzed above in the TAC analysis are shown in Table 21. Exhibit 9 shows the calculated 1-hour NO<sub>2</sub> concentrations. The AERMOD input and output files for the NO<sub>2</sub> calculations are provided in Appendix H.

**Table 21: Localized NO<sub>2</sub> Concentrations at Nearby Sensitive Receptors**

Receptor Number	1-Hour NO <sub>2</sub>			Annual NO <sub>2</sub>		
	Project Only (µg/m <sup>3</sup> )	Project Only <sup>1</sup> (ppm)	Project + Ambient (ppm)	Project Only (µg/m <sup>3</sup> )	Project Only (ppm)	Project + Ambient (ppm)
1	2.51	0.0013	0.0620	0.95	0.0005	0.0135
2	2.54	0.0013	0.0620	0.95	0.0005	0.0135
3	2.42	0.0013	0.0620	0.79	0.0004	0.0134
4	1.94	0.0010	0.0617	0.77	0.0004	0.0134
5	2.10	0.0011	0.0618	0.75	0.0004	0.0134
6	2.23	0.0012	0.0619	0.87	0.0005	0.0135
7	1.41	0.0007	0.0614	0.46	0.0002	0.0132
8	1.49	0.0008	0.0615	0.51	0.0003	0.0133
9	1.93	0.0010	0.0617	0.71	0.0004	0.0134
10	2.47	0.0013	0.0620	0.94	0.0005	0.0135
11	3.04	0.0016	0.0623	1.26	0.0007	0.0137
12	2.95	0.0016	0.0623	1.23	0.0007	0.0137
13	2.81	0.0015	0.0622	1.06	0.0006	0.0136
PMI <sup>2</sup>	7.68	0.0041	0.0648	2.80	0.0015	0.0145
<b>Standard/Threshold</b>			<b>0.18</b>	—	—	<b>0.03</b>
<b>98<sup>th</sup> Percentile Standard</b>			<b>0.100</b>	—	—	—
Notes:						
<sup>1</sup> A conversion factor of 1,880 was utilized and is based on a standard temperature of 25 degrees centigrade and a standard atmospheric pressure of 760 millibars.						
<sup>2</sup> PMI = point of maximum impact and is located on the proposed project property line adjacent to Limonite Avenue and Project Driveway 2						
Source: ISC-AERMOD View Version 8.9.0						

Table 21 shows that the calculated ambient plus project levels of NO<sub>2</sub> would be as high as 0.0648 ppm for 1-hour NO<sub>2</sub> concentrations. This would be within the state 1-hour AAQS for NO<sub>2</sub> of 0.18 ppm and within the federal 1-hour AAQS for NO<sub>2</sub> of 0.100 ppm. Table 21 also shows that the calculated ambient plus project levels of NO<sub>2</sub> would be as high as 0.0145 ppm for annual NO<sub>2</sub> concentrations. This would be within the state annual AAQS for NO<sub>2</sub> of 0.03 ppm. Impacts would be less than significant.

### 7.2.3 - Localized Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>) Concentrations

The PM<sub>10</sub> and PM<sub>2.5</sub> concentrations from operation of the proposed project have been calculated through use of the AERMOD model and the input parameters detailed above in Section 5.2. A summary of the PM<sub>10</sub> and PM<sub>2.5</sub> concentrations at the same nearby sensitive receptors analyzed above in the TAC analysis are shown in Table 22. Exhibit 10 shows the calculated 24-hour PM<sub>10</sub>

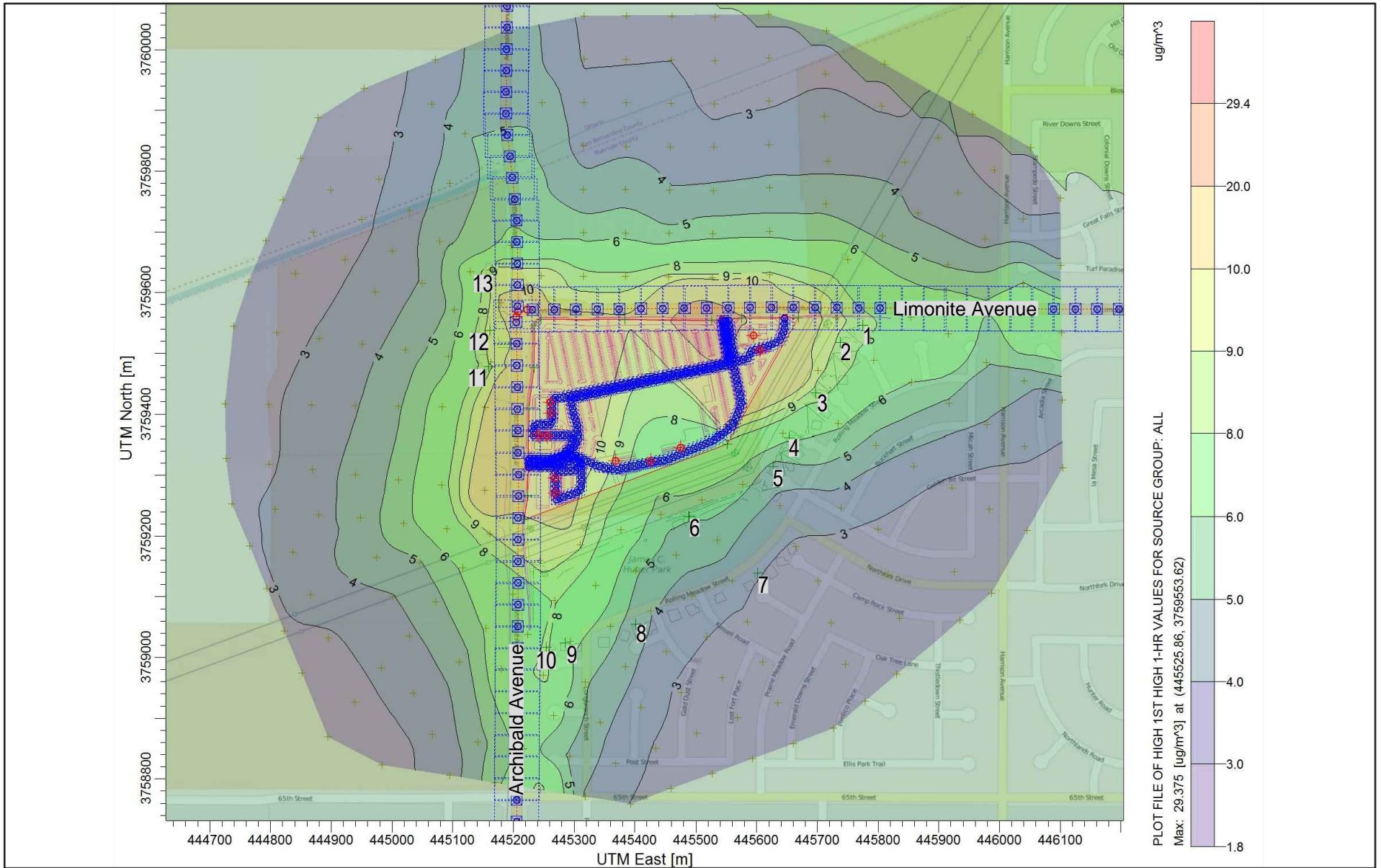
concentrations and Exhibit 11 shows the calculated 24-hour PM<sub>2.5</sub> concentrations. The AERMOD input and output files for the PM<sub>10</sub> calculations are provided in Appendix I and the PM<sub>2.5</sub> calculations are provided in Appendix J.

**Table 22: Localized PM<sub>10</sub> and PM<sub>2.5</sub> Concentrations at Nearby Sensitive Receptors**

Receptor Number	PM <sub>10</sub>		PM <sub>2.5</sub>	
	Project Only 24-hour (µg/m <sup>3</sup> )	Project Only Annual (µg/m <sup>3</sup> )	Project Only 24-hour (µg/m <sup>3</sup> )	Project Only Annual (µg/m <sup>3</sup> )
1	0.218	0.128	0.094	0.055
2	0.204	0.119	0.089	0.051
3	0.140	0.082	0.063	0.037
4	0.123	0.071	0.056	0.033
5	0.112	0.064	0.052	0.030
6	0.120	0.068	0.056	0.032
7	0.073	0.041	0.033	0.019
8	0.096	0.053	0.043	0.023
9	0.159	0.090	0.069	0.039
10	0.221	0.128	0.094	0.054
11	0.291	0.158	0.127	0.069
12	0.301	0.164	0.130	0.071
13	0.271	0.147	0.116	0.063
PMI <sup>2</sup>	0.522	0.303	0.242	0.055
Threshold	2.5	1.0	2.5	—

Notes:  
<sup>1</sup> A conversion factor of 1,880 was utilized and is based on a standard temperature of 25 degrees centigrade and a standard atmospheric pressure of 760 millibars.  
<sup>2</sup> PMI = point of maximum impact and is located on the proposed project property line adjacent to Limonite Avenue and Project Driveway 2.  
 Source: ISC-AERMOD View Version 8.9.0

Table 22 shows that the calculated project levels of PM<sub>10</sub> would be as high as 0.522 µg/m<sup>3</sup> for 24-hour PM<sub>10</sub> concentrations and 0.303 µg/m<sup>3</sup> for annual PM<sub>10</sub> concentrations. This would be within SCAQMD’s project increase thresholds for PM<sub>10</sub> of 2.5 µg/m<sup>3</sup> for the 24-hour average and 1.0 µg/m<sup>3</sup> for the annual average. Table 21 also shows that the calculated project levels of PM<sub>2.5</sub> would be as high as 0.242 µg/m<sup>3</sup> for 24-hour PM<sub>2.5</sub> concentrations and 0.055 µg/m<sup>3</sup> for annual PM<sub>2.5</sub> concentrations. This would be within SCAQMD’s project increase threshold for PM<sub>2.5</sub> of 2.5 µg/m<sup>3</sup> for the 24-hour average. The SCAQMD does not provide an annual threshold for PM<sub>2.5</sub>. Impacts would be less than significant.

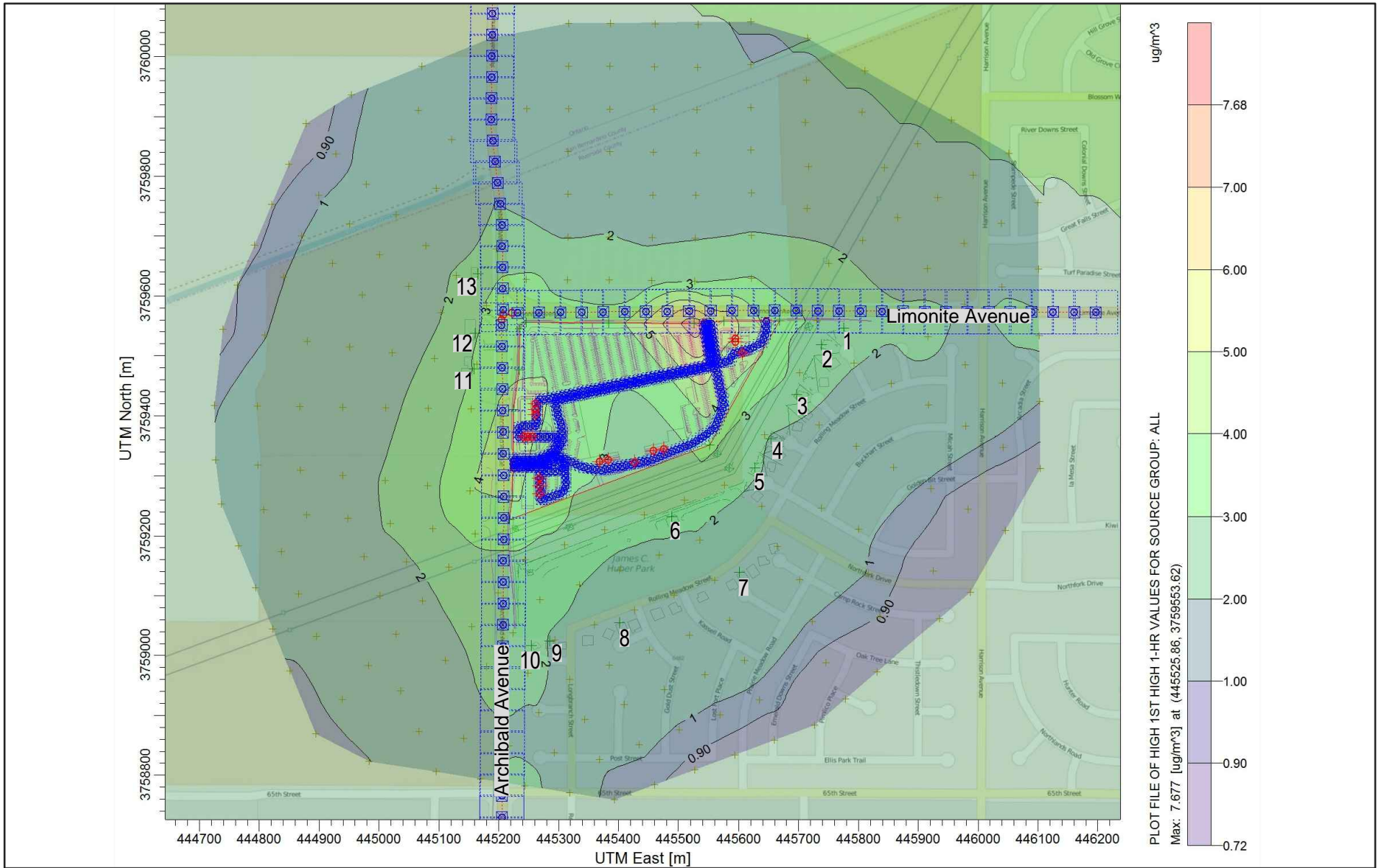


Source: AERMOD View Version 8.9.0.



## Exhibit 8 Modeled Study Area 1-Hour CO Concentrations

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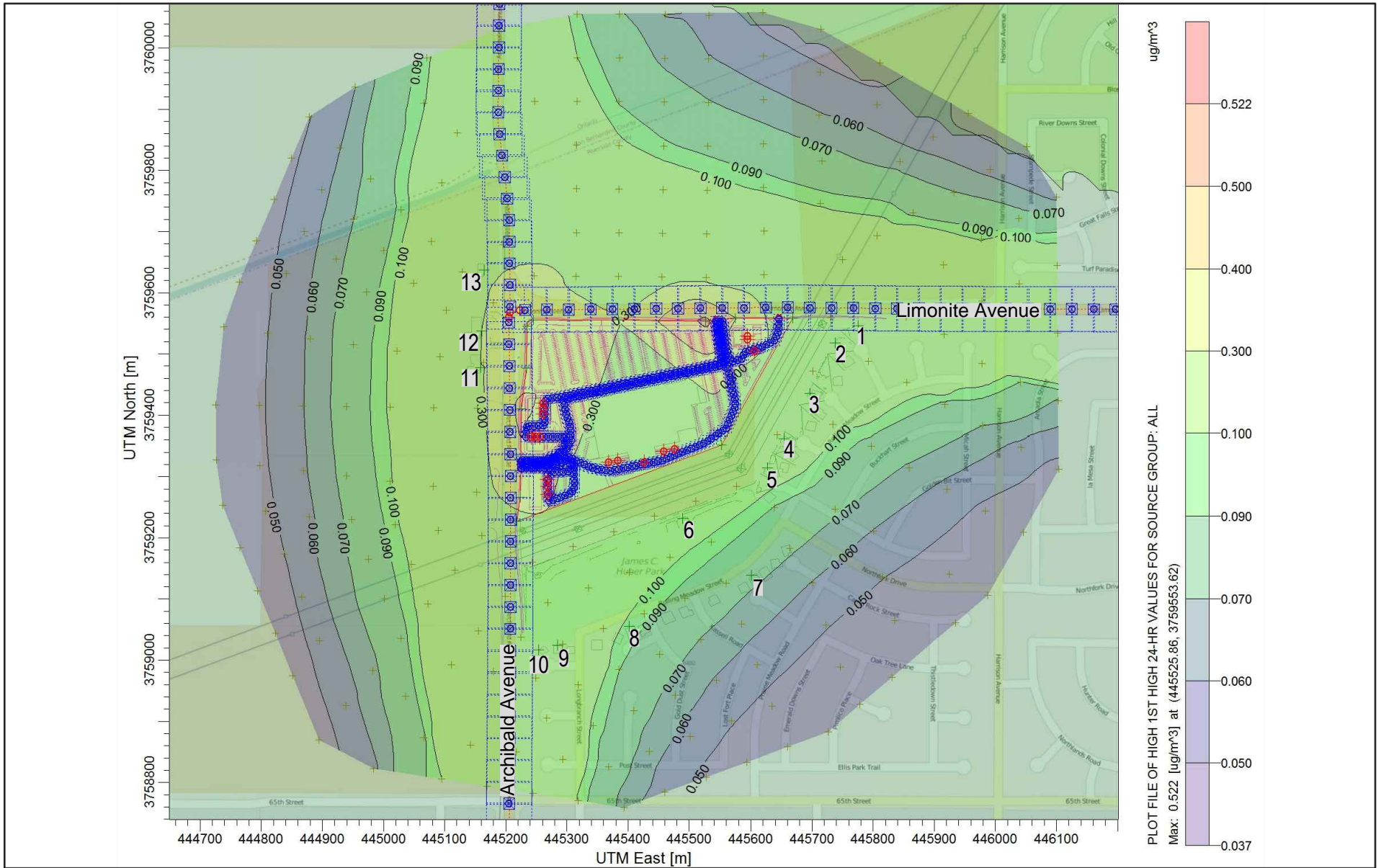
Source: AERMOD View Version 8.9.0.



## Exhibit 9 Modeled Study Area 1-Hour NO<sub>2</sub> Concentrations

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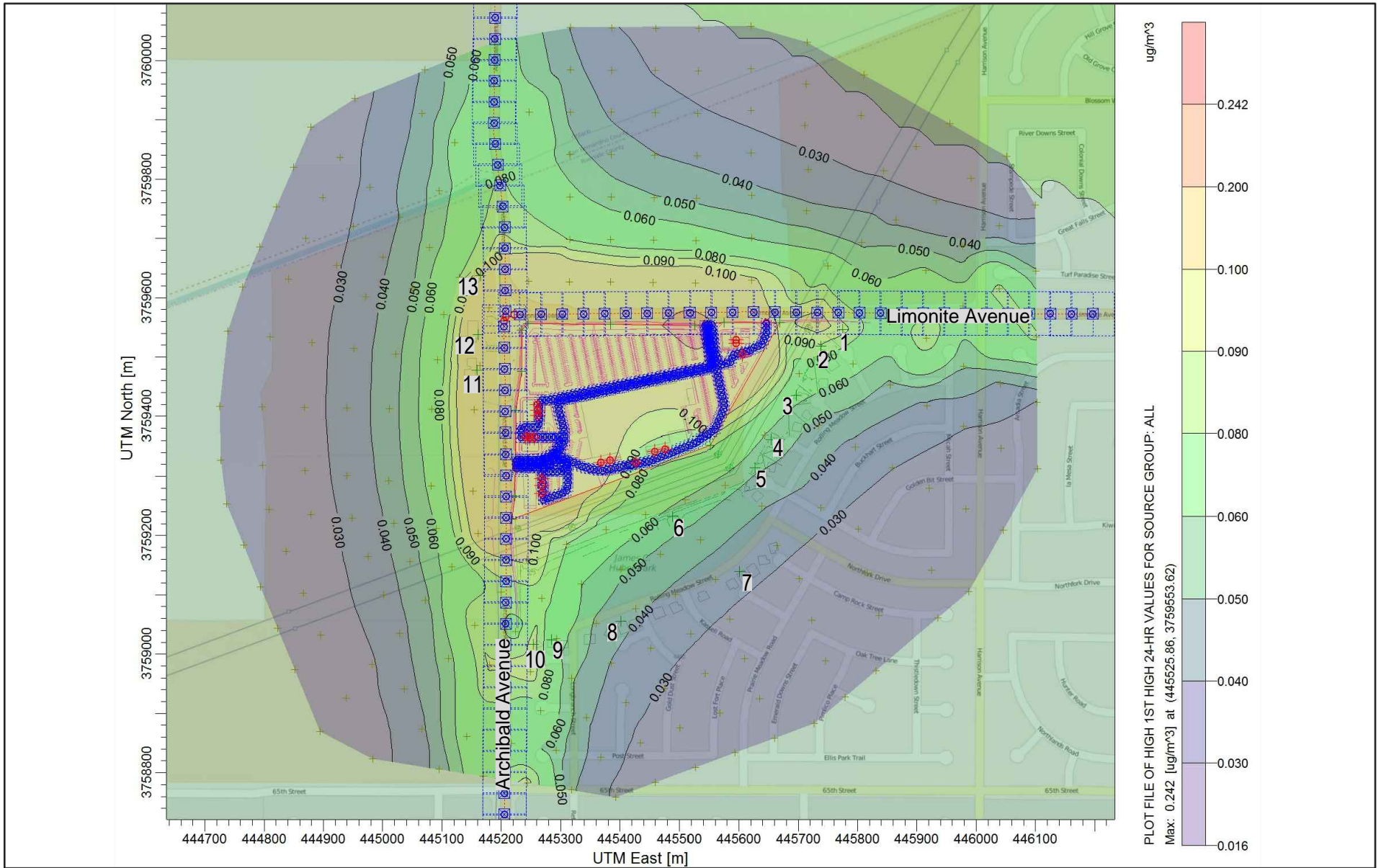


Source: AERMOD View Version 8.9.0.



## Exhibit 10 Modeled Study Area 24-Hour PM10 Concentrations

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Source: AERMOD View Version 8.9.0.



## Exhibit 11 Modeled Study Area 24-Hour PM<sub>2.5</sub> Concentrations

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## SECTION 8: REFERENCES

The following references were used in the preparation of this analysis and are referenced in the text and/or were used to provide the author with background information necessary for the preparation of thresholds and content.

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**Appendix A:  
EMFAC2014 Model Printouts**

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**EMFAC2014 Version 1.07**

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2016	Annual		Riverside (S	Truck2	65	40	RUNEX	10	PM10	0.199556
2016	Annual		Riverside (S	Truck2	65	40	RUNEX	45	PM10	0.074187
2016	Annual		Riverside (S	Truck2	65		STREX	5	PM10	0.002029
2016	Annual		Riverside (S	Truck2	65		STREX	10	PM10	0.002378
2016	Annual		Riverside (S	Truck2	65		STREX	20	PM10	0.003051
2016	Annual		Riverside (S	Truck2	65		STREX	30	PM10	0.003688
2016	Annual		Riverside (S	Truck2	65		STREX	40	PM10	0.004292
2016	Annual		Riverside (S	Truck2	65		STREX	50	PM10	0.004861
2016	Annual		Riverside (S	Truck2	65		STREX	60	PM10	0.005395
2016	Annual		Riverside (S	Truck2	65		STREX	120	PM10	0.007862
2016	Annual		Riverside (S	Truck2	65		STREX	180	PM10	0.008613
2016	Annual		Riverside (S	Truck2	65		STREX	240	PM10	0.009312
2016	Annual		Riverside (S	Truck2	65		STREX	300	PM10	0.00996
2016	Annual		Riverside (S	Truck2	65		STREX	360	PM10	0.010556
2016	Annual		Riverside (S	Truck2	65		STREX	420	PM10	0.011101
2016	Annual		Riverside (S	Truck2	65		STREX	480	PM10	0.011595
2016	Annual		Riverside (S	Truck2	65		STREX	540	PM10	0.012037
2016	Annual		Riverside (S	Truck2	65		STREX	600	PM10	0.012427
2016	Annual		Riverside (S	Truck2	65		STREX	660	PM10	0.012766
2016	Annual		Riverside (S	Truck2	65		STREX	720	PM10	0.013062
2016	Annual		Riverside (S	Truck2			IDLEX		PM10	0.082505
2016	Annual		Riverside (S	Truck2			PMTW		PM10	0.029117
2016	Annual		Riverside (S	Truck2			PMBW		PM10	0.081287

**EMFAC2014 Version 1.07**

calendar_y	season_mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	10	CO	2.101663
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	10	NOx	0.230684
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	10	PM10	0.007919
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	10	PM2_5	0.007316
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	50	CO	1.025883
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	50	NOx	0.132765
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	50	PM10	0.001492
2017	Annual	Riverside (S	NonTruck	65	40	RUNEX	50	PM2_5	0.001382
2017	Annual	Riverside (S	NonTruck			IDLEX		CO	41.99777
2017	Annual	Riverside (S	NonTruck			IDLEX		NOx	63.41923
2017	Annual	Riverside (S	NonTruck			IDLEX		PM10	0.13989
2017	Annual	Riverside (S	NonTruck			IDLEX		PM2_5	0.133838
2017	Annual	Riverside (S	NonTruck			PMTW		PM10	0.008001
2017	Annual	Riverside (S	NonTruck			PMTW		PM2_5	0.002
2017	Annual	Riverside (S	NonTruck			PMBW		PM10	0.038135
2017	Annual	Riverside (S	NonTruck			PMBW		PM2_5	0.016343

**EMFAC2014 V1.07**

calendar_y	season	mc	sub_area	vehicle_cla	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	1.033484
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	4.064195
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	16.5597
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.086215
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.082485
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.109068
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.612681
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	4.909188
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.034605
2017	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.033108
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	1.26604
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	3.006301
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	10.46023
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.25685
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.245728
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.123376
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.758217
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	3.56056
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.1054
2017	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.100839
2017	Annual		Riverside (S	HHDT			IDLEX		HC	0.968126
2017	Annual		Riverside (S	HHDT			IDLEX		CO	4.868844
2017	Annual		Riverside (S	HHDT			IDLEX		NOx	36.92837
2017	Annual		Riverside (S	HHDT			IDLEX		PM10	0.044994
2017	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.043048
2017	Annual		Riverside (S	HHDT			PMTW		PM10	0.03594
2017	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008985
2017	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2017	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2017	Annual		Riverside (S	MHDT			IDLEX		HC	2.004432
2017	Annual		Riverside (S	MHDT			IDLEX		CO	23.90331
2017	Annual		Riverside (S	MHDT			IDLEX		NOx	75.83826
2017	Annual		Riverside (S	MHDT			IDLEX		PM10	0.361235
2017	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.345608
2017	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2017	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2017	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2017	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.874984
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.876508
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	16.24178
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.052181
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.049923
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.094932
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.544158
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	4.351954
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.023216
2018	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.022212

calendar_y	season	mcsub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	1.094206
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	2.688287
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	9.867922
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.212764
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.203549
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.10772
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.650222
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	3.126481
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.090345
2018	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.086434
2018	Annual	Riverside (S	HHDT			IDLEX		HC	0.876121
2018	Annual	Riverside (S	HHDT			IDLEX		CO	4.369233
2018	Annual	Riverside (S	HHDT			IDLEX		NOx	34.13774
2018	Annual	Riverside (S	HHDT			IDLEX		PM10	0.033909
2018	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.032442
2018	Annual	Riverside (S	HHDT			PMTW		PM10	0.035943
2018	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008986
2018	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2018	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2018	Annual	Riverside (S	MHDT			IDLEX		HC	1.871826
2018	Annual	Riverside (S	MHDT			IDLEX		CO	22.26402
2018	Annual	Riverside (S	MHDT			IDLEX		NOx	69.50007
2018	Annual	Riverside (S	MHDT			IDLEX		PM10	0.30677
2018	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.293499
2018	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2018	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2018	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2018	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.846769
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.888109
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	16.30188
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.047402
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.045351
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.092049
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.535648
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	4.033292
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.021399
2019	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.020473
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.905598
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	2.356746
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	9.264035
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.162657
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.15561
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.09141
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.548002
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	2.646339
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.075983
2019	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.072694
2019	Annual	Riverside (S	HHDT			IDLEX		HC	0.823807

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2019	Annual		Riverside (S	HHDT			IDLEX		CO	4.099415
2019	Annual		Riverside (S	HHDT			IDLEX		NOx	32.12108
2019	Annual		Riverside (S	HHDT			IDLEX		PM10	0.029698
2019	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.028413
2019	Annual		Riverside (S	HHDT			PMTW		PM10	0.035945
2019	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008986
2019	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2019	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2019	Annual		Riverside (S	MHDT			IDLEX		HC	1.748535
2019	Annual		Riverside (S	MHDT			IDLEX		CO	20.6775
2019	Annual		Riverside (S	MHDT			IDLEX		NOx	62.99938
2019	Annual		Riverside (S	MHDT			IDLEX		PM10	0.255704
2019	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.244642
2019	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2019	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2019	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2019	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.792459
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.836139
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	16.19961
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.036317
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.034746
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.086905
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.515262
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	3.652185
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.018018
2020	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.017239
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.525896
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	1.748642
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	8.051211
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.059649
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.057058
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.060253
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.386888
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	1.772109
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.049057
2020	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.046933
2020	Annual		Riverside (S	HHDT			IDLEX		HC	0.730641
2020	Annual		Riverside (S	HHDT			IDLEX		CO	3.621308
2020	Annual		Riverside (S	HHDT			IDLEX		NOx	29.69792
2020	Annual		Riverside (S	HHDT			IDLEX		PM10	0.017186
2020	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.016443
2020	Annual		Riverside (S	HHDT			PMTW		PM10	0.035947
2020	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008987
2020	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2020	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2020	Annual		Riverside (S	MHDT			IDLEX		HC	1.527687
2020	Annual		Riverside (S	MHDT			IDLEX		CO	17.76335
2020	Annual		Riverside (S	MHDT			IDLEX		NOx	50.25393

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2020	Annual		Riverside (S				IDLEX		PM10	0.146862
2020	Annual		Riverside (S				IDLEX		PM2_5	0.140509
2020	Annual		Riverside (S				PMTW		PM10	0.012
2020	Annual		Riverside (S				PMTW		PM2_5	0.003
2020	Annual		Riverside (S				PMBW		PM10	0.13034
2020	Annual		Riverside (S				PMBW		PM2_5	0.05586
2021	Annual		Riverside (S		65	40	RUNEX	10	HC	0.757226
2021	Annual		Riverside (S		65	40	RUNEX	10	CO	3.796253
2021	Annual		Riverside (S		65	40	RUNEX	10	NOx	15.97398
2021	Annual		Riverside (S		65	40	RUNEX	10	PM10	0.03164
2021	Annual		Riverside (S		65	40	RUNEX	10	PM2_5	0.030271
2021	Annual		Riverside (S		65	40	RUNEX	45	HC	0.083353
2021	Annual		Riverside (S		65	40	RUNEX	45	CO	0.503493
2021	Annual		Riverside (S		65	40	RUNEX	45	NOx	3.236214
2021	Annual		Riverside (S		65	40	RUNEX	45	PM10	0.016237
2021	Annual		Riverside (S		65	40	RUNEX	45	PM2_5	0.015534
2021	Annual		Riverside (S		65	40	RUNEX	10	HC	0.214483
2021	Annual		Riverside (S		65	40	RUNEX	10	CO	1.210702
2021	Annual		Riverside (S		65	40	RUNEX	10	NOx	7.011851
2021	Annual		Riverside (S		65	40	RUNEX	10	PM10	0.012081
2021	Annual		Riverside (S		65	40	RUNEX	10	PM2_5	0.011549
2021	Annual		Riverside (S		65	40	RUNEX	45	HC	0.025043
2021	Annual		Riverside (S		65	40	RUNEX	45	CO	0.213491
2021	Annual		Riverside (S		65	40	RUNEX	45	NOx	1.016708
2021	Annual		Riverside (S		65	40	RUNEX	45	PM10	0.005853
2021	Annual		Riverside (S		65	40	RUNEX	45	PM2_5	0.005598
2021	Annual		Riverside (S				IDLEX		HC	0.692829
2021	Annual		Riverside (S				IDLEX		CO	3.421005
2021	Annual		Riverside (S				IDLEX		NOx	27.9684
2021	Annual		Riverside (S				IDLEX		PM10	0.015161
2021	Annual		Riverside (S				IDLEX		PM2_5	0.014506
2021	Annual		Riverside (S				PMTW		PM10	0.035948
2021	Annual		Riverside (S				PMTW		PM2_5	0.008987
2021	Annual		Riverside (S				PMBW		PM10	0.06174
2021	Annual		Riverside (S				PMBW		PM2_5	0.02646
2021	Annual		Riverside (S				IDLEX		HC	1.283409
2021	Annual		Riverside (S				IDLEX		CO	14.24465
2021	Annual		Riverside (S				IDLEX		NOx	30.68277
2021	Annual		Riverside (S				IDLEX		PM10	0.017938
2021	Annual		Riverside (S				IDLEX		PM2_5	0.017162
2021	Annual		Riverside (S				PMTW		PM10	0.012
2021	Annual		Riverside (S				PMTW		PM2_5	0.003
2021	Annual		Riverside (S				PMBW		PM10	0.13034
2021	Annual		Riverside (S				PMBW		PM2_5	0.05586
2022	Annual		Riverside (S		65	40	RUNEX	10	HC	0.722968
2022	Annual		Riverside (S		65	40	RUNEX	10	CO	3.751123
2022	Annual		Riverside (S		65	40	RUNEX	10	NOx	15.74225
2022	Annual		Riverside (S		65	40	RUNEX	10	PM10	0.028101
2022	Annual		Riverside (S		65	40	RUNEX	10	PM2_5	0.026885

calendar_y	season	mcsub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2022	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.079586
2022	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.49091
2022	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	2.830091
2022	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.014051
2022	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.013443
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.204691
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.178821
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.075169
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.010992
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.010507
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.023653
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.193838
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.912254
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.005254
2022	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.005025
2022	Annual	Riverside (S	HHDT			IDLEX		HC	0.656559
2022	Annual	Riverside (S	HHDT			IDLEX		CO	3.22673
2022	Annual	Riverside (S	HHDT			IDLEX		NOx	26.24374
2022	Annual	Riverside (S	HHDT			IDLEX		PM10	0.013323
2022	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.012747
2022	Annual	Riverside (S	HHDT			PMTW		PM10	0.035949
2022	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008987
2022	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2022	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2022	Annual	Riverside (S	MHDT			IDLEX		HC	1.233692
2022	Annual	Riverside (S	MHDT			IDLEX		CO	13.79428
2022	Annual	Riverside (S	MHDT			IDLEX		NOx	28.47408
2022	Annual	Riverside (S	MHDT			IDLEX		PM10	0.015161
2022	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.014505
2022	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2022	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2022	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2022	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.517187
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.295042
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	14.64865
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.01115
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010668
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.057175
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.432361
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	1.083744
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005608
2023	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005365
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.159559
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.073155
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	6.856078
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005923
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005656
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.01851

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2023	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.168857
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.465335
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002817
2023	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002693
2023	Annual	Riverside (S	HHDT			IDLEX		HC	0.438209
2023	Annual	Riverside (S	HHDT			IDLEX		CO	2.073603
2023	Annual	Riverside (S	HHDT			IDLEX		NOx	17.81464
2023	Annual	Riverside (S	HHDT			IDLEX		PM10	0.008747
2023	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.008369
2023	Annual	Riverside (S	HHDT			PMTW		PM10	0.03595
2023	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2023	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2023	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2023	Annual	Riverside (S	MHDT			IDLEX		HC	1.168016
2023	Annual	Riverside (S	MHDT			IDLEX		CO	13.14454
2023	Annual	Riverside (S	MHDT			IDLEX		NOx	19.29795
2023	Annual	Riverside (S	MHDT			IDLEX		PM10	0.006792
2023	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.006498
2023	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2023	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2023	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2023	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.518178
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.31454
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	14.85802
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.011093
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010612
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.057281
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.433426
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	1.037963
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005601
2024	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005359
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.158488
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.062306
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	6.993432
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005892
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005627
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.018223
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.158772
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.451044
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002828
2024	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002704
2024	Annual	Riverside (S	HHDT			IDLEX		HC	0.434436
2024	Annual	Riverside (S	HHDT			IDLEX		CO	2.054933
2024	Annual	Riverside (S	HHDT			IDLEX		NOx	17.59761
2024	Annual	Riverside (S	HHDT			IDLEX		PM10	0.007907
2024	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.007565
2024	Annual	Riverside (S	HHDT			PMTW		PM10	0.03595
2024	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988



calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2024	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2024	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2024	Annual		Riverside (S	MHDT			IDLEX		HC	1.143339
2024	Annual		Riverside (S	MHDT			IDLEX		CO	12.88005
2024	Annual		Riverside (S	MHDT			IDLEX		NOx	19.01381
2024	Annual		Riverside (S	MHDT			IDLEX		PM10	0.005902
2024	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.005646
2024	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2024	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2024	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2024	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.517797
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.322775
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	14.99952
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010999
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010523
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.057241
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.433699
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.98736
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005573
2025	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005332
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.157479
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	1.053261
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.100452
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.00585
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005587
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.01799
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.151095
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.435545
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002828
2025	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002704
2025	Annual		Riverside (S	HHDT			IDLEX		HC	0.431169
2025	Annual		Riverside (S	HHDT			IDLEX		CO	2.03858
2025	Annual		Riverside (S	HHDT			IDLEX		NOx	17.40687
2025	Annual		Riverside (S	HHDT			IDLEX		PM10	0.007191
2025	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.00688
2025	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2025	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2025	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2025	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2025	Annual		Riverside (S	MHDT			IDLEX		HC	1.128885
2025	Annual		Riverside (S	MHDT			IDLEX		CO	12.74592
2025	Annual		Riverside (S	MHDT			IDLEX		NOx	18.76307
2025	Annual		Riverside (S	MHDT			IDLEX		PM10	0.005081
2025	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.004861
2025	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2025	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2025	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2025	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586

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2026	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.515851
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.320265
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.0667
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010873
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010402
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.05703
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.432913
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.937157
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005525
2026	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005286
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.156401
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	1.044389
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.18138
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.0058
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005538
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.017779
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.144845
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.418443
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.00282
2026	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002697
2026	Annual		Riverside (S	HHDT			IDLEX		HC	0.428153
2026	Annual		Riverside (S	HHDT			IDLEX		CO	2.023547
2026	Annual		Riverside (S	HHDT			IDLEX		NOx	17.23278
2026	Annual		Riverside (S	HHDT			IDLEX		PM10	0.006537
2026	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.006254
2026	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2026	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2026	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2026	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2026	Annual		Riverside (S	MHDT			IDLEX		HC	1.12098
2026	Annual		Riverside (S	MHDT			IDLEX		CO	12.67595
2026	Annual		Riverside (S	MHDT			IDLEX		NOx	18.54091
2026	Annual		Riverside (S	MHDT			IDLEX		PM10	0.00438
2026	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.004191
2026	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2026	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2026	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2026	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.513696
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.316168
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.11871
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010749
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010283
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.0568
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.432282
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.89042
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005476
2027	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005239
2027	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.155012

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2027	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.033536
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.234001
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005736
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005477
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.01755
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.139318
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.397829
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002802
2027	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002679
2027	Annual	Riverside (S	HHDT			IDLEX		HC	0.42543
2027	Annual	Riverside (S	HHDT			IDLEX		CO	2.010047
2027	Annual	Riverside (S	HHDT			IDLEX		NOx	17.07768
2027	Annual	Riverside (S	HHDT			IDLEX		PM10	0.005951
2027	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.005694
2027	Annual	Riverside (S	HHDT			PMTW		PM10	0.035951
2027	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2027	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2027	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2027	Annual	Riverside (S	MHDT			IDLEX		HC	1.119941
2027	Annual	Riverside (S	MHDT			IDLEX		CO	12.65128
2027	Annual	Riverside (S	MHDT			IDLEX		NOx	18.34776
2027	Annual	Riverside (S	MHDT			IDLEX		PM10	0.003847
2027	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.003681
2027	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2027	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2027	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2027	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.511741
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.312695
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.14847
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010643
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010182
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.05659
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.431728
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.853403
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005434
2028	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005199
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.154179
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.026882
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.277472
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005695
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005437
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.017399
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.135164
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.386058
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002793
2028	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.00267
2028	Annual	Riverside (S	HHDT			IDLEX		HC	0.423101
2028	Annual	Riverside (S	HHDT			IDLEX		CO	1.998128

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2028	Annual		Riverside (S	HHDT			IDLEX		NOx	16.93871
2028	Annual		Riverside (S	HHDT			IDLEX		PM10	0.005467
2028	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.005231
2028	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2028	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2028	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2028	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2028	Annual		Riverside (S	MHDT			IDLEX		HC	1.124852
2028	Annual		Riverside (S	MHDT			IDLEX		CO	12.72415
2028	Annual		Riverside (S	MHDT			IDLEX		NOx	18.17935
2028	Annual		Riverside (S	MHDT			IDLEX		PM10	0.003416
2028	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.003268
2028	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2028	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2028	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2028	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.509191
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.303722
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.13922
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010509
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.010054
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.056316
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.430534
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.81602
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005377
2029	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005145
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.153348
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	1.020353
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.300199
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005652
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005396
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.01726
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.131669
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.37596
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002781
2029	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002659
2029	Annual		Riverside (S	HHDT			IDLEX		HC	0.420531
2029	Annual		Riverside (S	HHDT			IDLEX		CO	1.985945
2029	Annual		Riverside (S	HHDT			IDLEX		NOx	16.804
2029	Annual		Riverside (S	HHDT			IDLEX		PM10	0.004911
2029	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.004699
2029	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2029	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2029	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2029	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2029	Annual		Riverside (S	MHDT			IDLEX		HC	1.134429
2029	Annual		Riverside (S	MHDT			IDLEX		CO	12.81904
2029	Annual		Riverside (S	MHDT			IDLEX		NOx	18.03007
2029	Annual		Riverside (S	MHDT			IDLEX		PM10	0.003073

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2029	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.00294
2029	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2029	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2029	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2029	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.506329
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.292366
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.11832
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.01037
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009921
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.056008
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.429232
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.779494
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005317
2030	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005087
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.152424
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	1.013593
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.303951
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005603
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005349
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.017122
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.128757
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.366061
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002764
2030	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002642
2030	Annual		Riverside (S	HHDT			IDLEX		HC	0.418073
2030	Annual		Riverside (S	HHDT			IDLEX		CO	1.974341
2030	Annual		Riverside (S	HHDT			IDLEX		NOx	16.67632
2030	Annual		Riverside (S	HHDT			IDLEX		PM10	0.004385
2030	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.004195
2030	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2030	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2030	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2030	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2030	Annual		Riverside (S	MHDT			IDLEX		HC	1.147168
2030	Annual		Riverside (S	MHDT			IDLEX		CO	12.96342
2030	Annual		Riverside (S	MHDT			IDLEX		NOx	17.89505
2030	Annual		Riverside (S	MHDT			IDLEX		PM10	0.002752
2030	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.002633
2030	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2030	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2030	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2030	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.504067
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.28363
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.10452
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010254
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.00981
2031	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.055765

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2031	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.428386
2031	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.747266
2031	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005267
2031	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.005039
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.151543
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.007328
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.302429
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005556
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005303
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016999
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.12644
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.356011
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002745
2031	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002625
2031	Annual	Riverside (S	HHDT			IDLEX		HC	0.416077
2031	Annual	Riverside (S	HHDT			IDLEX		CO	1.964223
2031	Annual	Riverside (S	HHDT			IDLEX		NOx	16.5598
2031	Annual	Riverside (S	HHDT			IDLEX		PM10	0.003983
2031	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.00381
2031	Annual	Riverside (S	HHDT			PMTW		PM10	0.035951
2031	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2031	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2031	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2031	Annual	Riverside (S	MHDT			IDLEX		HC	1.165625
2031	Annual	Riverside (S	MHDT			IDLEX		CO	13.15635
2031	Annual	Riverside (S	MHDT			IDLEX		NOx	17.77501
2031	Annual	Riverside (S	MHDT			IDLEX		PM10	0.002484
2031	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.002376
2031	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2031	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2031	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2031	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.501828
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.274588
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.08299
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.010139
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.0097
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.055524
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.427536
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.718159
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005216
2032	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004991
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.15076
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	1.002032
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.302521
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005512
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005261
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016895
2032	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.124648

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2032	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.346072
2032	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002729
2032	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002608
2032	Annual		Riverside (S	HHDT			IDLEX		HC	0.414318
2032	Annual		Riverside (S	HHDT			IDLEX		CO	1.954711
2032	Annual		Riverside (S	HHDT			IDLEX		NOx	16.44477
2032	Annual		Riverside (S	HHDT			IDLEX		PM10	0.003648
2032	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.00349
2032	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2032	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2032	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2032	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2032	Annual		Riverside (S	MHDT			IDLEX		HC	1.188252
2032	Annual		Riverside (S	MHDT			IDLEX		CO	13.41038
2032	Annual		Riverside (S	MHDT			IDLEX		NOx	17.66746
2032	Annual		Riverside (S	MHDT			IDLEX		PM10	0.00228
2032	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.002182
2032	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2032	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2032	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2032	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.499784
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.266467
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.06654
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.01003
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009596
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.055304
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.426784
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.691958
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.00517
2033	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004946
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.150064
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.997275
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.304983
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005474
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005224
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016805
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.123164
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.336198
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002713
2033	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002594
2033	Annual		Riverside (S	HHDT			IDLEX		HC	0.412602
2033	Annual		Riverside (S	HHDT			IDLEX		CO	1.945632
2033	Annual		Riverside (S	HHDT			IDLEX		NOx	16.33622
2033	Annual		Riverside (S	HHDT			IDLEX		PM10	0.003317
2033	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.003173
2033	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2033	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2033	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174

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2033	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2033	Annual		Riverside (S	MHDT			IDLEX		HC	1.216623
2033	Annual		Riverside (S	MHDT			IDLEX		CO	13.69645
2033	Annual		Riverside (S	MHDT			IDLEX		NOx	17.57144
2033	Annual		Riverside (S	MHDT			IDLEX		PM10	0.002111
2033	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.002019
2033	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2033	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2033	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2033	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.497799
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.258171
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.04068
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009917
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009487
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.05509
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.42599
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.668637
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005122
2034	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.0049
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.149299
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.992087
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.296233
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005434
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005186
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016711
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.121819
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.326878
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002697
2034	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002578
2034	Annual		Riverside (S	HHDT			IDLEX		HC	0.410843
2034	Annual		Riverside (S	HHDT			IDLEX		CO	1.936602
2034	Annual		Riverside (S	HHDT			IDLEX		NOx	16.22947
2034	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002968
2034	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.00284
2034	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2034	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2034	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2034	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2034	Annual		Riverside (S	MHDT			IDLEX		HC	1.244005
2034	Annual		Riverside (S	MHDT			IDLEX		CO	13.97434
2034	Annual		Riverside (S	MHDT			IDLEX		NOx	17.48667
2034	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001974
2034	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001888
2034	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2034	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2034	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2034	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.496068



calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.251446
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.01988
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009829
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009403
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054905
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.425398
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.650112
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005085
2035	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004865
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.148499
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.986722
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.277835
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005392
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005146
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016616
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.120676
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.318156
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002678
2035	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.00256
2035	Annual		Riverside (S	HHDT			IDLEX		HC	0.4094
2035	Annual		Riverside (S	HHDT			IDLEX		CO	1.928982
2035	Annual		Riverside (S	HHDT			IDLEX		NOx	16.13872
2035	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002695
2035	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.002578
2035	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2035	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2035	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2035	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2035	Annual		Riverside (S	MHDT			IDLEX		HC	1.270385
2035	Annual		Riverside (S	MHDT			IDLEX		CO	14.24052
2035	Annual		Riverside (S	MHDT			IDLEX		NOx	17.40998
2035	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001849
2035	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001769
2035	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2035	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2035	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2035	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.494421
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.245566
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.01352
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009778
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009354
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054731
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.42475
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.635146
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005066
2036	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004847
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.147722
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.981535

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.258332
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005351
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005107
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016526
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.11968
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.309558
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002661
2036	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002543
2036	Annual		Riverside (S	HHDT			IDLEX		HC	0.408416
2036	Annual		Riverside (S	HHDT			IDLEX		CO	1.92322
2036	Annual		Riverside (S	HHDT			IDLEX		NOx	16.06698
2036	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002533
2036	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.002424
2036	Annual		Riverside (S	HHDT			PMTW		PM10	0.035951
2036	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2036	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2036	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2036	Annual		Riverside (S	MHDT			IDLEX		HC	1.295084
2036	Annual		Riverside (S	MHDT			IDLEX		CO	14.48105
2036	Annual		Riverside (S	MHDT			IDLEX		NOx	17.3402
2036	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001743
2036	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001668
2036	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2036	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2036	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2036	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.493009
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.240904
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.01579
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009741
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009319
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054582
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.424183
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.622637
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005052
2037	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004834
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.14695
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.976352
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.237154
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005314
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005071
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016437
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.118743
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.301311
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002643
2037	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002527
2037	Annual		Riverside (S	HHDT			IDLEX		HC	0.407595
2037	Annual		Riverside (S	HHDT			IDLEX		CO	1.918341
2037	Annual		Riverside (S	HHDT			IDLEX		NOx	16.0065

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2037	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002404
2037	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.0023
2037	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2037	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2037	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2037	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2037	Annual		Riverside (S	MHDT			IDLEX		HC	1.318633
2037	Annual		Riverside (S	MHDT			IDLEX		CO	14.71185
2037	Annual		Riverside (S	MHDT			IDLEX		NOx	17.28109
2037	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001668
2037	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001596
2037	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2037	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2037	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2037	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.491981
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238528
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.02724
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009721
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.0093
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054473
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.42383
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.61365
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005045
2038	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004827
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.146331
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.97223
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.217844
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005284
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005042
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016366
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.118018
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.295139
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.00263
2038	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002514
2038	Annual		Riverside (S	HHDT			IDLEX		HC	0.406892
2038	Annual		Riverside (S	HHDT			IDLEX		CO	1.914109
2038	Annual		Riverside (S	HHDT			IDLEX		NOx	15.95379
2038	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002296
2038	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.002197
2038	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2038	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2038	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2038	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2038	Annual		Riverside (S	MHDT			IDLEX		HC	1.337559
2038	Annual		Riverside (S	MHDT			IDLEX		CO	14.90316
2038	Annual		Riverside (S	MHDT			IDLEX		NOx	17.22894
2038	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001604
2038	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001534

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2038	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2038	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2038	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2038	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.491153
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.237368
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.04425
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009702
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009282
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054389
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423541
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.606517
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005042
2039	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004824
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.145789
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.968589
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.199287
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005259
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.005018
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016304
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.117373
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.290088
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002617
2039	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002502
2039	Annual		Riverside (S	HHDT			IDLEX		HC	0.40617
2039	Annual		Riverside (S	HHDT			IDLEX		CO	1.909788
2039	Annual		Riverside (S	HHDT			IDLEX		NOx	15.89686
2039	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002173
2039	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.002079
2039	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2039	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2039	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2039	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2039	Annual		Riverside (S	MHDT			IDLEX		HC	1.354859
2039	Annual		Riverside (S	MHDT			IDLEX		CO	15.06068
2039	Annual		Riverside (S	MHDT			IDLEX		NOx	17.1829
2039	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001552
2039	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001485
2039	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2039	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2039	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2039	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.490487
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.237031
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.06561
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009695
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009275
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.05432
2040	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423346

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2040	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.601159
2040	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005042
2040	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004824
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.145341
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	0.96559
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.183396
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005238
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004998
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016253
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.116853
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.285967
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002607
2040	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002492
2040	Annual	Riverside (S	HHDT			IDLEX		HC	0.405611
2040	Annual	Riverside (S	HHDT			IDLEX		CO	1.906393
2040	Annual	Riverside (S	HHDT			IDLEX		NOx	15.8534
2040	Annual	Riverside (S	HHDT			IDLEX		PM10	0.002082
2040	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.001992
2040	Annual	Riverside (S	HHDT			PMTW		PM10	0.035952
2040	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2040	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2040	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2040	Annual	Riverside (S	MHDT			IDLEX		HC	1.36983
2040	Annual	Riverside (S	MHDT			IDLEX		CO	15.1983
2040	Annual	Riverside (S	MHDT			IDLEX		NOx	17.14088
2040	Annual	Riverside (S	MHDT			IDLEX		PM10	0.001504
2040	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.001439
2040	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2040	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2040	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2040	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.490091
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.237899
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.08459
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.00969
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.00927
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054282
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423522
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.596577
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005042
2041	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004824
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144956
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	0.963061
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.170941
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.00522
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004981
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016209
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.116427
2041	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.282261

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2041	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002599
2041	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002484
2041	Annual		Riverside (S	HHDT			IDLEX		HC	0.405146
2041	Annual		Riverside (S	HHDT			IDLEX		CO	1.903542
2041	Annual		Riverside (S	HHDT			IDLEX		NOx	15.81713
2041	Annual		Riverside (S	HHDT			IDLEX		PM10	0.002007
2041	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.001921
2041	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2041	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2041	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2041	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2041	Annual		Riverside (S	MHDT			IDLEX		HC	1.382295
2041	Annual		Riverside (S	MHDT			IDLEX		CO	15.33955
2041	Annual		Riverside (S	MHDT			IDLEX		NOx	17.10451
2041	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001465
2041	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001402
2041	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2041	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2041	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2041	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.489475
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238005
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.10716
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009689
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009269
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054219
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423483
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.592942
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005044
2042	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004826
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144647
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.961041
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.161248
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005206
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004967
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016174
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.116103
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.27918
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002592
2042	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002477
2042	Annual		Riverside (S	HHDT			IDLEX		HC	0.404757
2042	Annual		Riverside (S	HHDT			IDLEX		CO	1.901097
2042	Annual		Riverside (S	HHDT			IDLEX		NOx	15.7856
2042	Annual		Riverside (S	HHDT			IDLEX		PM10	0.001944
2042	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.00186
2042	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2042	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2042	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2042	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646

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2042	Annual	Riverside (S	MHDT			IDLEX		HC	1.393897
2042	Annual	Riverside (S	MHDT			IDLEX		CO	15.47128
2042	Annual	Riverside (S	MHDT			IDLEX		NOx	17.07251
2042	Annual	Riverside (S	MHDT			IDLEX		PM10	0.001433
2042	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.001371
2042	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2042	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2042	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2042	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.488929
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238448
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.13038
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009689
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009269
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054163
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423478
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.589889
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005047
2043	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004829
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.14442
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	0.959547
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.15543
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005195
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004957
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016147
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115823
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.276837
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002587
2043	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002473
2043	Annual	Riverside (S	HHDT			IDLEX		HC	0.404434
2043	Annual	Riverside (S	HHDT			IDLEX		CO	1.898958
2043	Annual	Riverside (S	HHDT			IDLEX		NOx	15.75683
2043	Annual	Riverside (S	HHDT			IDLEX		PM10	0.001891
2043	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.001809
2043	Annual	Riverside (S	HHDT			PMTW		PM10	0.035952
2043	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2043	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2043	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2043	Annual	Riverside (S	MHDT			IDLEX		HC	1.403621
2043	Annual	Riverside (S	MHDT			IDLEX		CO	15.58188
2043	Annual	Riverside (S	MHDT			IDLEX		NOx	17.04374
2043	Annual	Riverside (S	MHDT			IDLEX		PM10	0.001406
2043	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.001346
2043	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2043	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2043	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2043	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2044	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.488398
2044	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238793

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2044	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.15173
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009688
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009268
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054109
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423454
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.586729
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.00505
2044	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004832
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144252
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.958453
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.151798
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005188
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.00495
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016128
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.11562
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.274975
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002583
2044	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002469
2044	Annual		Riverside (S	HHDT			IDLEX		HC	0.404122
2044	Annual		Riverside (S	HHDT			IDLEX		CO	1.89685
2044	Annual		Riverside (S	HHDT			IDLEX		NOx	15.72662
2044	Annual		Riverside (S	HHDT			IDLEX		PM10	0.001834
2044	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.001754
2044	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2044	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2044	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2044	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2044	Annual		Riverside (S	MHDT			IDLEX		HC	1.412607
2044	Annual		Riverside (S	MHDT			IDLEX		CO	15.68415
2044	Annual		Riverside (S	MHDT			IDLEX		NOx	17.01797
2044	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001383
2044	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001323
2044	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2044	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2044	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2044	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.487774
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238772
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.17135
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009684
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009264
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.054045
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423384
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.583619
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005052
2045	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004833
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144134
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.957698
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.149874



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2045	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005182
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004945
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016114
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.11549
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.273503
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002581
2045	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002467
2045	Annual		Riverside (S	HHDT			IDLEX		HC	0.403815
2045	Annual		Riverside (S	HHDT			IDLEX		CO	1.894732
2045	Annual		Riverside (S	HHDT			IDLEX		NOx	15.69522
2045	Annual		Riverside (S	HHDT			IDLEX		PM10	0.001773
2045	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.001697
2045	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2045	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2045	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2045	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2045	Annual		Riverside (S	MHDT			IDLEX		HC	1.421164
2045	Annual		Riverside (S	MHDT			IDLEX		CO	15.78161
2045	Annual		Riverside (S	MHDT			IDLEX		NOx	16.99396
2045	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001361
2045	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001302
2045	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2045	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2045	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2045	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.486987
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.238156
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.1888
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009681
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009261
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.053964
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.423194
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.580997
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005054
2046	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004835
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144068
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.957298
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.150308
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005179
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004941
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016107
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115404
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.272415
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002579
2046	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002465
2046	Annual		Riverside (S	HHDT			IDLEX		HC	0.403529
2046	Annual		Riverside (S	HHDT			IDLEX		CO	1.892727
2046	Annual		Riverside (S	HHDT			IDLEX		NOx	15.66629
2046	Annual		Riverside (S	HHDT			IDLEX		PM10	0.001717

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2046	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.001642
2046	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2046	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2046	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2046	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2046	Annual		Riverside (S	MHDT			IDLEX		HC	1.426974
2046	Annual		Riverside (S	MHDT			IDLEX		CO	15.84819
2046	Annual		Riverside (S	MHDT			IDLEX		NOx	16.97448
2046	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001343
2046	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001285
2046	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2046	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2046	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2046	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.486115
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.237085
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.20452
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009679
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.00926
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.053873
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.422945
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.578685
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005054
2047	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004836
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144016
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.956981
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.151149
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005176
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004939
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.0161
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115342
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.271417
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002578
2047	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002464
2047	Annual		Riverside (S	HHDT			IDLEX		HC	0.403279
2047	Annual		Riverside (S	HHDT			IDLEX		CO	1.890939
2047	Annual		Riverside (S	HHDT			IDLEX		NOx	15.64126
2047	Annual		Riverside (S	HHDT			IDLEX		PM10	0.001668
2047	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.001596
2047	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2047	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2047	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2047	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2047	Annual		Riverside (S	MHDT			IDLEX		HC	1.432945
2047	Annual		Riverside (S	MHDT			IDLEX		CO	15.91666
2047	Annual		Riverside (S	MHDT			IDLEX		NOx	16.95729
2047	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001329
2047	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001271
2047	Annual		Riverside (S	MHDT			PMTW		PM10	0.012

calendar_y	season	mc	sub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2047	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2047	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2047	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.485263
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.235985
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.21983
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009681
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009261
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.053778
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.422681
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.576879
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005054
2048	Annual		Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004836
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144012
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	10	CO	0.956989
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.153378
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005176
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004939
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	45	HC	0.0161
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115349
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.270878
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002577
2048	Annual		Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002464
2048	Annual		Riverside (S	HHDT			IDLEX		HC	0.403032
2048	Annual		Riverside (S	HHDT			IDLEX		CO	1.889057
2048	Annual		Riverside (S	HHDT			IDLEX		NOx	15.61172
2048	Annual		Riverside (S	HHDT			IDLEX		PM10	0.00162
2048	Annual		Riverside (S	HHDT			IDLEX		PM2_5	0.00155
2048	Annual		Riverside (S	HHDT			PMTW		PM10	0.035952
2048	Annual		Riverside (S	HHDT			PMTW		PM2_5	0.008988
2048	Annual		Riverside (S	HHDT			PMBW		PM10	0.06174
2048	Annual		Riverside (S	HHDT			PMBW		PM2_5	0.02646
2048	Annual		Riverside (S	MHDT			IDLEX		HC	1.437478
2048	Annual		Riverside (S	MHDT			IDLEX		CO	15.96892
2048	Annual		Riverside (S	MHDT			IDLEX		NOx	16.9435
2048	Annual		Riverside (S	MHDT			IDLEX		PM10	0.001318
2048	Annual		Riverside (S	MHDT			IDLEX		PM2_5	0.001261
2048	Annual		Riverside (S	MHDT			PMTW		PM10	0.012
2048	Annual		Riverside (S	MHDT			PMTW		PM2_5	0.003
2048	Annual		Riverside (S	MHDT			PMBW		PM10	0.13034
2048	Annual		Riverside (S	MHDT			PMBW		PM2_5	0.05586
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	10	HC	0.484415
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	10	CO	3.234836
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.23432
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009684
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009265
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	45	HC	0.053683
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	45	CO	0.422404
2049	Annual		Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.575643

calendar_y	season	mcsub_area	vehicle_cla	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2049	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005055
2049	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004836
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144024
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	0.957105
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.156282
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005177
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.004939
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016102
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115365
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.270506
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002577
2049	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM2_5	0.002464
2049	Annual	Riverside (S	HHDT			IDLEX		HC	0.402801
2049	Annual	Riverside (S	HHDT			IDLEX		CO	1.887347
2049	Annual	Riverside (S	HHDT			IDLEX		NOx	15.5865
2049	Annual	Riverside (S	HHDT			IDLEX		PM10	0.001578
2049	Annual	Riverside (S	HHDT			IDLEX		PM2_5	0.00151
2049	Annual	Riverside (S	HHDT			PMTW		PM10	0.035953
2049	Annual	Riverside (S	HHDT			PMTW		PM2_5	0.008988
2049	Annual	Riverside (S	HHDT			PMBW		PM10	0.06174
2049	Annual	Riverside (S	HHDT			PMBW		PM2_5	0.02646
2049	Annual	Riverside (S	MHDT			IDLEX		HC	1.441662
2049	Annual	Riverside (S	MHDT			IDLEX		CO	16.01722
2049	Annual	Riverside (S	MHDT			IDLEX		NOx	16.93213
2049	Annual	Riverside (S	MHDT			IDLEX		PM10	0.00131
2049	Annual	Riverside (S	MHDT			IDLEX		PM2_5	0.001254
2049	Annual	Riverside (S	MHDT			PMTW		PM10	0.012
2049	Annual	Riverside (S	MHDT			PMTW		PM2_5	0.003
2049	Annual	Riverside (S	MHDT			PMBW		PM10	0.13034
2049	Annual	Riverside (S	MHDT			PMBW		PM2_5	0.05586
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	10	HC	0.483702
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	10	CO	3.233797
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	10	NOx	15.24823
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM10	0.009689
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	10	PM2_5	0.009269
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	45	HC	0.053604
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	45	CO	0.422132
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	45	NOx	0.574921
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM10	0.005056
2050	Annual	Riverside (S	HHDT	65	40	RUNEX	45	PM2_5	0.004837
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	10	HC	0.144046
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	10	CO	0.957276
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	10	NOx	7.159371
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM10	0.005177
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	10	PM2_5	0.00494
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	45	HC	0.016104
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	45	CO	0.115386
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	45	NOx	0.270258
2050	Annual	Riverside (S	MHDT	65	40	RUNEX	45	PM10	0.002578

calendar_y	season	mcsub_area	vehicle_class	temperature	relative_humidity	process	speed_time	pollutant	emission_rate
2050	Annual	Riverside	(S)MHDT	65	40	RUNEX	45	PM2_5	0.002464
2050	Annual	Riverside	(S)HHDT			IDLEX		HC	0.402594
2050	Annual	Riverside	(S)HHDT			IDLEX		CO	1.885891
2050	Annual	Riverside	(S)HHDT			IDLEX		NOx	15.56551
2050	Annual	Riverside	(S)HHDT			IDLEX		PM10	0.001547
2050	Annual	Riverside	(S)HHDT			IDLEX		PM2_5	0.00148
2050	Annual	Riverside	(S)HHDT			PMTW		PM10	0.035953
2050	Annual	Riverside	(S)HHDT			PMTW		PM2_5	0.008988
2050	Annual	Riverside	(S)HHDT			PMBW		PM10	0.06174
2050	Annual	Riverside	(S)HHDT			PMBW		PM2_5	0.02646
2050	Annual	Riverside	(S)MHDT			IDLEX		HC	1.445889
2050	Annual	Riverside	(S)MHDT			IDLEX		CO	16.06595
2050	Annual	Riverside	(S)MHDT			IDLEX		NOx	16.9222
2050	Annual	Riverside	(S)MHDT			IDLEX		PM10	0.001304
2050	Annual	Riverside	(S)MHDT			IDLEX		PM2_5	0.001247
2050	Annual	Riverside	(S)MHDT			PMTW		PM10	0.012
2050	Annual	Riverside	(S)MHDT			PMTW		PM2_5	0.003
2050	Annual	Riverside	(S)MHDT			PMBW		PM10	0.13034
2050	Annual	Riverside	(S)MHDT			PMBW		PM2_5	0.05586

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**Appendix B:  
AERMOD Construction DPM Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/15/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\DPMconst\DPMconst.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Eastvale Crossings DPM Construction
  TITLETWO Construction DPM Emissions
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL DPMconst.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION IDCONS      POINT      445416.000  3759390.038      195.000
** DESCRSRC Construction Truck Idling
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDARN
** DESCRSRC Total trucks Archibald Ave North
** PREFIX
** Length of Side = 18.29
** Configuration = Separated
** Emission Rate = 9.481E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 4
** 445207.188, 3759567.986, 196.00, 3.66, 16.48
** 445205.501, 3759727.615, 196.70, 3.66, 16.48
** 445187.506, 3759879.142, 197.00, 3.66, 16.48
** 445192.395, 3760329.026, 200.00, 3.66, 16.48
** -----
  LOCATION L0002036      VOLUME      445207.091  3759577.130  196.00
  LOCATION L0002037      VOLUME      445206.717  3759612.549  196.00
  LOCATION L0002038      VOLUME      445206.342  3759647.969  196.00
  LOCATION L0002039      VOLUME      445205.968  3759683.388  196.00
  LOCATION L0002040      VOLUME      445205.594  3759718.808  196.36
  LOCATION L0002041      VOLUME      445202.362  3759754.043  196.90
  LOCATION L0002042      VOLUME      445198.185  3759789.218  197.00
  LOCATION L0002043      VOLUME      445194.008  3759824.392  197.00
  LOCATION L0002044      VOLUME      445189.831  3759859.567  197.00
  LOCATION L0002045      VOLUME      445187.677  3759894.850  197.00
  LOCATION L0002046      VOLUME      445188.062  3759930.269  197.47
  LOCATION L0002047      VOLUME      445188.447  3759965.689  198.00

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LOCATION	L0002048	VOLUME	445188.832	3760001.108	198.00
LOCATION	L0002049	VOLUME	445189.216	3760036.527	198.00
LOCATION	L0002050	VOLUME	445189.601	3760071.947	198.19
LOCATION	L0002051	VOLUME	445189.986	3760107.366	199.00
LOCATION	L0002052	VOLUME	445190.371	3760142.786	199.00
LOCATION	L0002053	VOLUME	445190.756	3760178.205	199.00
LOCATION	L0002054	VOLUME	445191.141	3760213.625	199.36
LOCATION	L0002055	VOLUME	445191.526	3760249.044	200.00
LOCATION	L0002056	VOLUME	445191.911	3760284.464	200.00
LOCATION	L0002057	VOLUME	445192.296	3760319.883	200.00

\*\* End of LINE VOLUME Source ID = RDARN

\*\*

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.00001368

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62

\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

\*\*

LOCATION	L0002058	VOLUME	445204.791	3759551.414	196.00
LOCATION	L0002059	VOLUME	445205.297	3759515.693	196.00
LOCATION	L0002060	VOLUME	445205.803	3759479.971	195.94
LOCATION	L0002061	VOLUME	445206.308	3759444.249	195.24
LOCATION	L0002062	VOLUME	445206.814	3759408.528	195.00
LOCATION	L0002063	VOLUME	445207.320	3759372.806	195.00
LOCATION	L0002064	VOLUME	445207.826	3759337.084	195.00
LOCATION	L0002065	VOLUME	445208.207	3759301.362	195.00
LOCATION	L0002066	VOLUME	445208.157	3759265.636	194.31
LOCATION	L0002067	VOLUME	445208.108	3759229.911	194.00
LOCATION	L0002068	VOLUME	445208.059	3759194.186	194.00
LOCATION	L0002069	VOLUME	445208.010	3759158.461	193.99
LOCATION	L0002070	VOLUME	445207.961	3759122.736	193.52
LOCATION	L0002071	VOLUME	445207.727	3759087.011	193.00
LOCATION	L0002072	VOLUME	445207.457	3759051.287	193.00
LOCATION	L0002073	VOLUME	445207.187	3759015.563	193.00
LOCATION	L0002074	VOLUME	445206.917	3758979.838	192.79
LOCATION	L0002075	VOLUME	445206.646	3758944.114	192.00
LOCATION	L0002076	VOLUME	445206.376	3758908.390	192.00
LOCATION	L0002077	VOLUME	445206.106	3758872.666	192.00
LOCATION	L0002078	VOLUME	445205.836	3758836.941	192.00
LOCATION	L0002079	VOLUME	445205.565	3758801.217	191.73
LOCATION	L0002080	VOLUME	445205.421	3758765.492	191.00
LOCATION	L0002081	VOLUME	445205.345	3758729.767	191.00
LOCATION	L0002082	VOLUME	445205.269	3758694.042	191.00
LOCATION	L0002083	VOLUME	445205.192	3758658.317	190.07
LOCATION	L0002084	VOLUME	445205.116	3758622.591	190.00

\*\* End of LINE VOLUME Source ID = RDARS

\*\*

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDLIM

\*\* DESCRSRC Total trucks Limonite Avenue

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.00001302

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	L0002085	VOLUME	445231.515	3759571.834	196.00
LOCATION	L0002086	VOLUME	445267.255	3759572.195	196.00
LOCATION	L0002087	VOLUME	445302.994	3759572.557	196.00
LOCATION	L0002088	VOLUME	445338.734	3759572.919	196.00
LOCATION	L0002089	VOLUME	445374.473	3759573.280	196.00
LOCATION	L0002090	VOLUME	445410.213	3759573.642	196.00
LOCATION	L0002091	VOLUME	445445.952	3759574.003	196.00
LOCATION	L0002092	VOLUME	445481.691	3759574.365	196.05
LOCATION	L0002093	VOLUME	445517.431	3759574.727	196.61
LOCATION	L0002094	VOLUME	445553.170	3759575.088	196.80
LOCATION	L0002095	VOLUME	445588.910	3759575.450	197.00
LOCATION	L0002096	VOLUME	445624.649	3759575.812	197.00
LOCATION	L0002097	VOLUME	445660.389	3759575.875	197.00
LOCATION	L0002098	VOLUME	445696.129	3759575.578	197.00
LOCATION	L0002099	VOLUME	445731.869	3759575.281	197.00
LOCATION	L0002100	VOLUME	445767.609	3759574.984	197.00
LOCATION	L0002101	VOLUME	445803.349	3759574.687	197.00
LOCATION	L0002102	VOLUME	445839.089	3759574.390	197.00
LOCATION	L0002103	VOLUME	445874.829	3759574.092	197.11
LOCATION	L0002104	VOLUME	445910.569	3759573.795	197.74
LOCATION	L0002105	VOLUME	445946.310	3759573.604	198.00
LOCATION	L0002106	VOLUME	445982.051	3759573.507	198.00
LOCATION	L0002107	VOLUME	446017.792	3759573.410	198.00
LOCATION	L0002108	VOLUME	446053.533	3759573.313	198.00
LOCATION	L0002109	VOLUME	446089.274	3759573.216	198.00
LOCATION	L0002110	VOLUME	446125.016	3759573.119	198.29
LOCATION	L0002111	VOLUME	446160.757	3759573.022	198.87
LOCATION	L0002112	VOLUME	446196.498	3759572.925	199.00

\*\* End of LINE VOLUME Source ID = RDLIM

\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDON  
\*\* DESCRSRC On-site construction trucks  
\*\* PREFIX  
\*\* Length of Side = 3.66  
\*\* Configuration = Separated  
\*\* Emission Rate = 0.00002915  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 6  
\*\* 445226.211, 3759322.539, 195.00, 0.00, 3.35  
\*\* 445319.245, 3759327.708, 195.00, 0.00, 3.35  
\*\* 445425.200, 3759369.918, 195.00, 0.00, 3.35  
\*\* 445494.975, 3759436.247, 196.00, 0.00, 3.35  
\*\* 445550.107, 3759505.161, 196.00, 0.00, 3.35  
\*\* 445554.414, 3759556.847, 196.40, 0.00, 3.35

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LOCATION	L0002113	VOLUME	445228.037	3759322.641	195.00
LOCATION	L0002114	VOLUME	445235.238	3759323.041	195.00
LOCATION	L0002115	VOLUME	445242.440	3759323.441	195.00
LOCATION	L0002116	VOLUME	445249.641	3759323.841	195.00
LOCATION	L0002117	VOLUME	445256.842	3759324.241	195.00
LOCATION	L0002118	VOLUME	445264.044	3759324.641	195.00
LOCATION	L0002119	VOLUME	445271.245	3759325.041	195.00
LOCATION	L0002120	VOLUME	445278.447	3759325.441	195.00
LOCATION	L0002121	VOLUME	445285.648	3759325.841	195.00
LOCATION	L0002122	VOLUME	445292.849	3759326.241	195.00
LOCATION	L0002123	VOLUME	445300.051	3759326.642	195.00
LOCATION	L0002124	VOLUME	445307.252	3759327.042	195.00
LOCATION	L0002125	VOLUME	445314.454	3759327.442	195.00

LOCATION	L0002126	VOLUME	445321.487	3759328.601	195.00
LOCATION	L0002127	VOLUME	445328.188	3759331.270	195.00
LOCATION	L0002128	VOLUME	445334.888	3759333.940	195.00
LOCATION	L0002129	VOLUME	445341.588	3759336.609	195.00
LOCATION	L0002130	VOLUME	445348.289	3759339.278	195.00
LOCATION	L0002131	VOLUME	445354.989	3759341.948	195.00
LOCATION	L0002132	VOLUME	445361.690	3759344.617	195.00
LOCATION	L0002133	VOLUME	445368.390	3759347.286	195.00
LOCATION	L0002134	VOLUME	445375.090	3759349.955	195.00
LOCATION	L0002135	VOLUME	445381.791	3759352.625	195.00
LOCATION	L0002136	VOLUME	445388.491	3759355.294	195.00
LOCATION	L0002137	VOLUME	445395.192	3759357.963	195.00
LOCATION	L0002138	VOLUME	445401.892	3759360.632	195.00
LOCATION	L0002139	VOLUME	445408.592	3759363.302	195.00
LOCATION	L0002140	VOLUME	445415.293	3759365.971	195.00
LOCATION	L0002141	VOLUME	445421.993	3759368.640	195.00
LOCATION	L0002142	VOLUME	445427.925	3759372.509	195.00
LOCATION	L0002143	VOLUME	445433.153	3759377.478	195.00
LOCATION	L0002144	VOLUME	445438.380	3759382.447	195.00
LOCATION	L0002145	VOLUME	445443.608	3759387.416	195.00
LOCATION	L0002146	VOLUME	445448.835	3759392.386	195.00
LOCATION	L0002147	VOLUME	445454.063	3759397.355	195.11
LOCATION	L0002148	VOLUME	445459.290	3759402.324	195.29
LOCATION	L0002149	VOLUME	445464.518	3759407.294	195.52
LOCATION	L0002150	VOLUME	445469.745	3759412.263	195.74
LOCATION	L0002151	VOLUME	445474.972	3759417.232	195.91
LOCATION	L0002152	VOLUME	445480.200	3759422.202	196.00
LOCATION	L0002153	VOLUME	445485.427	3759427.171	196.00
LOCATION	L0002154	VOLUME	445490.655	3759432.140	196.00
LOCATION	L0002155	VOLUME	445495.757	3759437.224	196.00
LOCATION	L0002156	VOLUME	445500.263	3759442.856	196.00
LOCATION	L0002157	VOLUME	445504.768	3759448.488	196.00
LOCATION	L0002158	VOLUME	445509.274	3759454.121	196.00
LOCATION	L0002159	VOLUME	445513.779	3759459.753	196.00
LOCATION	L0002160	VOLUME	445518.285	3759465.385	196.00
LOCATION	L0002161	VOLUME	445522.791	3759471.017	196.00
LOCATION	L0002162	VOLUME	445527.296	3759476.649	196.00
LOCATION	L0002163	VOLUME	445531.802	3759482.281	196.00
LOCATION	L0002164	VOLUME	445536.308	3759487.913	196.00
LOCATION	L0002165	VOLUME	445540.813	3759493.545	196.00
LOCATION	L0002166	VOLUME	445545.319	3759499.177	196.00
LOCATION	L0002167	VOLUME	445549.824	3759504.809	196.00
LOCATION	L0002168	VOLUME	445550.668	3759511.899	196.00
LOCATION	L0002169	VOLUME	445551.267	3759519.086	196.00
LOCATION	L0002170	VOLUME	445551.866	3759526.274	196.00
LOCATION	L0002171	VOLUME	445552.465	3759533.462	196.10
LOCATION	L0002172	VOLUME	445553.064	3759540.649	196.22
LOCATION	L0002173	VOLUME	445553.663	3759547.837	196.34
LOCATION	L0002174	VOLUME	445554.262	3759555.024	196.47
**	End of LINE	VOLUME	Source ID = RDON		
LOCATION	EQUIP	AREAPOLY	445216.935	3759229.126	194.020
**	DESCRSRC	Onsite Construction	DPM emissions		
**	Source Parameters	**			
SRCPARAM	IDCONS	8.979E-06	3.840	366.000	50.00000 0.100
**	LINE	VOLUME	Source ID = RDARN		
SRCPARAM	L0002036	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002037	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002038	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002039	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002040	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002041	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002042	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002043	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002044	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002045	0.000000431	3.66	16.48	0.85
SRCPARAM	L0002046	0.000000431	3.66	16.48	0.85





SRCPARAM	L0002173	0.0000004702	0.00	3.35	0.85
SRCPARAM	L0002174	0.0000004702	0.00	3.35	0.85
** -----					
SRCPARAM	EQUIP	9.134E-08	3.962	10	10.973
AREAVERT	EQUIP	445216.935	3759229.126	445551.559	3759353.604
AREAVERT	EQUIP	445666.517	3759558.625	445524.646	3759552.229
AREAVERT	EQUIP	445380.300	3759553.578	445245.347	3759554.925
AREAVERT	EQUIP	445236.250	3759544.854	445235.303	3759475.644
AREAVERT	EQUIP	445226.145	3759409.673	445224.209	3759266.119
URBANSRC	ALL				

\*\* Variable Emissions Type: "By Hour-of-Day (HROFDY)"

\*\* Variable Emission Scenario: "Scenario 2"

EMISFACT	IDCONS	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	IDCONS	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	IDCONS	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	IDCONS	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002036	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002036	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002036	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002036	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002037	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002037	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002037	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002037	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002038	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002038	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002038	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002038	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002039	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002039	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002039	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002039	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002040	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002040	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002040	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002040	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002041	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002041	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002041	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002041	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002042	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002042	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002042	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002042	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002043	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002043	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002043	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002043	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002044	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002044	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002044	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002044	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002045	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002045	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002045	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002045	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002046	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002046	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002046	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002046	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002047	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002047	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0002047	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002047	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002048	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0

















EMISFACT L0002163	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002164	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002164	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002164	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002164	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002165	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002165	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002165	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002165	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002166	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002166	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002166	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002166	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002167	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002167	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002167	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002167	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002168	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002168	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002168	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002168	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002169	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002169	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002169	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002169	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002170	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002170	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002170	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002170	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002171	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002171	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002171	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002171	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002172	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002172	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002172	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002172	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002173	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002173	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002173	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002173	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002174	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0002174	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0002174	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT L0002174	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT EQUIP	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT EQUIP	HROFDY	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT EQUIP	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT EQUIP	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED DPMconst.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING  
SURFFILE ..\rivr8.sfc  
PROFFILE ..\rivr8.PFL  
SURFDATA 0 2008 Riverside 461640.00 3762100.00  
UAIRDATA 3190 2008  
SITEDATA 99999 2008  
PROFBASE 250.0 METERS

ME FINISHED

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\*\*\*\*\*  
\*\* AERMOD Output Pathway  
\*\*\*\*\*  
\*\*

OU STARTING

\*\* Auto-Generated Plotfiles  
PLOTFILE ANNUAL ALL DPMCONST.AD\AN00GALL.PLT 31  
SUMMFILE DPMconst.sum

OU FINISHED

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\*\*\*\*\*  
\*\* Project Parameters  
\*\*\*\*\*  
\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM World Geodetic System 1984  
\*\* DTMRGN Global Definition  
\*\* UNITS m  
\*\* ZONE 11  
\*\* ZONEINX 0  
\*\*



\* AERMOD ( 14134): Eastvale Crossings DPM Construction

07/15/15

\* AERMET ( 14134):

21:08:53

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.01096	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.01798	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.03009	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.03409	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.03106	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.02594	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.00962	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.00594	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.00449	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.00417	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759478.00000	0.01769	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.01504	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.00920	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.03197	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.03258	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.03010	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.02512	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.01760	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.01031	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.01871	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.01628	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.01451	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.01190	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.00892	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.00652	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.01137	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.00930	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.00822	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.00693	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.00566	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.00460	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.00762	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.00586	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.00521	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.00456	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.00396	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.00343	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.00512	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.00646	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.00395	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.00357	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.00324	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.00294	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.00266	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.00359	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.00464	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.00283	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.00261	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.00243	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.00227	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.00212	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.00271	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.00317	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.00397	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.00230	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.00214	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.00200	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.00190	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.00181	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.00172	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.00868	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.01287	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.00554	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.00463	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.00556	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.00709	194.00	194.00	0.00	ANNUAL	ALL	00000005	

445019.14000	3759221.05000	0.00395	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.00345	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.00298	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.00358	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.00426	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.00472	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.00303	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.00273	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.00238	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.00211	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.00248	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.00303	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.00341	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.00345	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.00242	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.00160	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.00169	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.00269	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.00267	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.00199	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.00187	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.00167	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.00147	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.00126	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.00159	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.00190	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.00212	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.00218	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.00214	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.00168	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.00160	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.00147	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.00131	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.00116	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.00102	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.00115	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.00148	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.00172	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.00188	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.00179	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.00176	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.01770	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.00904	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.00564	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.00390	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.00290	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.00226	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.00183	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.01827	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.00933	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.00577	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.00398	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.00295	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.00231	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.00187	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.01408	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.00759	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.00829	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.00493	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.00537	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.00353	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.00378	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.00389	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.00270	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.00286	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.00295	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.00216	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.00228	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.00234	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.00235	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.00179	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.00187	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.00192	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.00194	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.00191	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.01554	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.01973	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.02159	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.00835	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.01010	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.01088	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.00565	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.00631	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.00664	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.00412	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.00378	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.00436	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.00449	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.00308	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.00311	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.00321	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.00326	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.00252	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.00242	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.00249	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.00251	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.00207	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.00203	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.00188	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.00200	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.00200	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.02173	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.02054	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.01093	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.01021	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.00662	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.00618	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.00444	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.00420	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.00323	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.00308	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.00247	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.00237	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.00197	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.00189	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.01496	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.00789	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.00503	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.00359	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.00270	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.00214	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.00174	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.01462	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.02997	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.03832	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.00616	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.01259	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.02055	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.00615	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.00393	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.00439	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.00912	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.01335	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.01276	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.00514	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.00320	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.00277	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.00324	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.00696	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.00941	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.00901	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.00449	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.00322	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.00225	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.00203	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.00227	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.00251	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.00549	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.00701	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.00374	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.00243	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.00172	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.00159	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.00177	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.00195	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.00202	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.00444	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.00542	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.00518	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.00318	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.00255	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.00183	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.00136	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.00127	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.00141	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.00162	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.00167	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.00367	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.00432	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.00413	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.03387	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.08735	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.02270	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.04577	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.05940	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.05973	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.04406	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.04575	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.07374	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.07423	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.06119	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

**Appendix C:  
AERMOD 2017–2019 DPM Equivalent Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/15/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\DPM17-19\DPM17-19.ADI
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*****
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*****
** AERMOD Control Pathway
*****
**
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CO STARTING
  TITLEONE Eastvale Crossings DPM 2017-2019
  TITLETWO DPM Equivalent PM10 Emissions
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL DPM17-19.err

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CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+a
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

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\*\* Line Source Represented by Separated Volume Sources  
 \*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart  
 \*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.00001169  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

** 445225.716, 3759320.529, 195.00, 3.66, 3.37
** 445274.443, 3759323.130, 195.00, 3.66, 3.37
** 445291.786, 3759335.207, 195.00, 3.66, 3.37
** 445302.222, 3759332.852, 195.00, 3.66, 3.37
** 445339.805, 3759314.479, 195.00, 3.66, 3.37
** 445369.671, 3759309.661, 195.00, 3.66, 3.37
** 445455.206, 3759326.387, 195.00, 3.66, 3.37
** 445526.732, 3759356.491, 195.00, 3.66, 3.37
** 445559.401, 3759378.391, 195.00, 3.66, 3.37
** 445575.397, 3759416.844, 195.95, 3.66, 3.37
** 445549.426, 3759537.569, 196.00, 3.66, 3.37
** 445548.811, 3759555.719, 196.14, 3.66, 3.37

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LOCATION L0001304	VOLUME	445227.542	3759320.626	195.00
LOCATION L0001305	VOLUME	445234.781	3759321.013	195.00
LOCATION L0001306	VOLUME	445242.020	3759321.399	195.00
LOCATION L0001307	VOLUME	445249.259	3759321.786	195.00
LOCATION L0001308	VOLUME	445256.498	3759322.172	195.00
LOCATION L0001309	VOLUME	445263.737	3759322.559	195.00
LOCATION L0001310	VOLUME	445270.976	3759322.945	195.00
LOCATION L0001311	VOLUME	445277.542	3759325.289	195.00
LOCATION L0001312	VOLUME	445283.491	3759329.432	195.00
LOCATION L0001313	VOLUME	445289.440	3759333.574	195.00
LOCATION L0001314	VOLUME	445296.069	3759334.240	195.00
LOCATION L0001315	VOLUME	445303.068	3759332.438	195.00
LOCATION L0001316	VOLUME	445309.581	3759329.254	195.00
LOCATION L0001317	VOLUME	445316.093	3759326.071	195.00
LOCATION L0001318	VOLUME	445322.606	3759322.887	195.00
LOCATION L0001319	VOLUME	445329.118	3759319.703	195.00
LOCATION L0001320	VOLUME	445335.631	3759316.519	195.00
LOCATION L0001321	VOLUME	445342.375	3759314.064	195.00
LOCATION L0001322	VOLUME	445349.531	3759312.910	195.00
LOCATION L0001323	VOLUME	445356.688	3759311.755	195.00
LOCATION L0001324	VOLUME	445363.845	3759310.601	195.00
LOCATION L0001325	VOLUME	445370.994	3759309.920	195.00
LOCATION L0001326	VOLUME	445378.108	3759311.311	195.00
LOCATION L0001327	VOLUME	445385.223	3759312.702	195.00
LOCATION L0001328	VOLUME	445392.337	3759314.093	195.00
LOCATION L0001329	VOLUME	445399.451	3759315.485	195.00
LOCATION L0001330	VOLUME	445406.566	3759316.876	195.00
LOCATION L0001331	VOLUME	445413.680	3759318.267	195.00
LOCATION L0001332	VOLUME	445420.795	3759319.658	195.00
LOCATION L0001333	VOLUME	445427.909	3759321.049	195.00
LOCATION L0001334	VOLUME	445435.024	3759322.441	195.00
LOCATION L0001335	VOLUME	445442.138	3759323.832	195.00
LOCATION L0001336	VOLUME	445449.252	3759325.223	195.00
LOCATION L0001337	VOLUME	445456.296	3759326.846	195.00
LOCATION L0001338	VOLUME	445462.978	3759329.658	195.00
LOCATION L0001339	VOLUME	445469.659	3759332.470	195.00
LOCATION L0001340	VOLUME	445476.341	3759335.282	195.00
LOCATION L0001341	VOLUME	445483.022	3759338.095	195.00



LOCATION	VOLUME				
LOCATION L0001342	VOLUME	445489.704	3759340.907	195.00	
LOCATION L0001343	VOLUME	445496.385	3759343.719	195.00	
LOCATION L0001344	VOLUME	445503.067	3759346.531	195.00	
LOCATION L0001345	VOLUME	445509.748	3759349.343	195.00	
LOCATION L0001346	VOLUME	445516.430	3759352.155	195.00	
LOCATION L0001347	VOLUME	445523.111	3759354.967	195.00	
LOCATION L0001348	VOLUME	445529.491	3759358.340	195.00	
LOCATION L0001349	VOLUME	445535.512	3759362.377	195.00	
LOCATION L0001350	VOLUME	445541.533	3759366.413	195.00	
LOCATION L0001351	VOLUME	445547.555	3759370.450	195.00	
LOCATION L0001352	VOLUME	445553.576	3759374.486	195.00	
LOCATION L0001353	VOLUME	445559.492	3759378.610	195.08	
LOCATION L0001354	VOLUME	445562.276	3759385.303	195.30	
LOCATION L0001355	VOLUME	445565.060	3759391.996	195.52	
LOCATION L0001356	VOLUME	445567.845	3759398.689	195.75	
LOCATION L0001357	VOLUME	445570.629	3759405.382	195.97	
LOCATION L0001358	VOLUME	445573.413	3759412.075	196.00	
LOCATION L0001359	VOLUME	445574.959	3759418.882	196.00	
LOCATION L0001360	VOLUME	445573.434	3759425.969	196.00	
LOCATION L0001361	VOLUME	445571.910	3759433.056	196.00	
LOCATION L0001362	VOLUME	445570.385	3759440.143	196.00	
LOCATION L0001363	VOLUME	445568.860	3759447.230	196.00	
LOCATION L0001364	VOLUME	445567.336	3759454.317	196.00	
LOCATION L0001365	VOLUME	445565.811	3759461.404	196.00	
LOCATION L0001366	VOLUME	445564.286	3759468.491	196.00	
LOCATION L0001367	VOLUME	445562.762	3759475.578	196.00	
LOCATION L0001368	VOLUME	445561.237	3759482.665	196.00	
LOCATION L0001369	VOLUME	445559.713	3759489.752	196.00	
LOCATION L0001370	VOLUME	445558.188	3759496.839	196.00	
LOCATION L0001371	VOLUME	445556.663	3759503.926	196.00	
LOCATION L0001372	VOLUME	445555.139	3759511.013	196.00	
LOCATION L0001373	VOLUME	445553.614	3759518.100	196.00	
LOCATION L0001374	VOLUME	445552.089	3759525.187	196.00	
LOCATION L0001375	VOLUME	445550.565	3759532.274	196.07	
LOCATION L0001376	VOLUME	445549.364	3759539.401	196.15	
LOCATION L0001377	VOLUME	445549.118	3759546.646	196.22	
LOCATION L0001378	VOLUME	445548.872	3759553.891	196.29	

\*\* End of LINE VOLUME Source ID = RDWAL

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 9.136E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

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LOCATION L0001379	VOLUME	445645.846	3759556.460	197.00	
LOCATION L0001380	VOLUME	445645.846	3759549.203	196.89	
LOCATION L0001381	VOLUME	445645.846	3759541.946	196.78	
LOCATION L0001382	VOLUME	445644.074	3759535.054	196.64	
LOCATION L0001383	VOLUME	445641.205	3759528.389	196.44	
LOCATION L0001384	VOLUME	445638.336	3759521.723	196.25	
LOCATION L0001385	VOLUME	445631.932	3759518.366	196.06	

LOCATION L0001386	VOLUME	445625.470	3759515.063	196.00
LOCATION L0001387	VOLUME	445619.009	3759511.760	196.00
LOCATION L0001388	VOLUME	445612.078	3759509.658	196.00
LOCATION L0001389	VOLUME	445605.088	3759507.708	196.00
LOCATION L0001390	VOLUME	445598.098	3759505.757	196.00
LOCATION L0001391	VOLUME	445591.108	3759503.806	196.00
LOCATION L0001392	VOLUME	445587.871	3759497.957	196.00
LOCATION L0001393	VOLUME	445585.262	3759491.466	196.00
LOCATION L0001394	VOLUME	445578.222	3759489.706	196.00
LOCATION L0001395	VOLUME	445571.182	3759487.946	196.00
LOCATION L0001396	VOLUME	445566.151	3759489.888	196.00
LOCATION L0001397	VOLUME	445563.792	3759496.751	196.00
LOCATION L0001398	VOLUME	445561.433	3759503.614	196.00
LOCATION L0001399	VOLUME	445559.548	3759510.585	196.00
LOCATION L0001400	VOLUME	445558.669	3759517.789	196.00
LOCATION L0001401	VOLUME	445557.789	3759524.992	196.00
LOCATION L0001402	VOLUME	445556.910	3759532.196	196.12
LOCATION L0001403	VOLUME	445556.031	3759539.399	196.24
LOCATION L0001404	VOLUME	445555.151	3759546.603	196.36
LOCATION L0001405	VOLUME	445554.272	3759553.806	196.46

\*\* End of LINE VOLUME Source ID = RDPA2

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDPA34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 3.447E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION L0001406	VOLUME	445542.695	3759552.709	196.10
LOCATION L0001407	VOLUME	445543.718	3759545.469	196.09
LOCATION L0001408	VOLUME	445544.743	3759538.229	196.07
LOCATION L0001409	VOLUME	445545.867	3759531.003	196.03
LOCATION L0001410	VOLUME	445546.990	3759523.777	196.00
LOCATION L0001411	VOLUME	445548.113	3759516.552	196.00
LOCATION L0001412	VOLUME	445549.237	3759509.326	196.00
LOCATION L0001413	VOLUME	445550.360	3759502.101	196.00
LOCATION L0001414	VOLUME	445551.484	3759494.875	196.00
LOCATION L0001415	VOLUME	445552.607	3759487.649	196.00
LOCATION L0001416	VOLUME	445548.497	3759484.040	196.00
LOCATION L0001417	VOLUME	445541.341	3759482.536	196.00
LOCATION L0001418	VOLUME	445534.185	3759481.031	196.00
LOCATION L0001419	VOLUME	445527.029	3759479.527	196.00
LOCATION L0001420	VOLUME	445519.873	3759478.022	196.00
LOCATION L0001421	VOLUME	445512.717	3759476.517	196.00
LOCATION L0001422	VOLUME	445505.561	3759475.013	196.00
LOCATION L0001423	VOLUME	445498.405	3759473.508	196.00
LOCATION L0001424	VOLUME	445491.249	3759472.004	196.00
LOCATION L0001425	VOLUME	445484.093	3759470.499	196.00

LOCATION	L0001426	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0001427	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0001428	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0001429	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0001430	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0001431	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0001432	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0001433	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0001434	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0001435	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0001436	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0001437	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0001438	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0001439	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0001440	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0001441	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0001442	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0001443	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0001444	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0001445	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0001446	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0001447	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0001448	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0001449	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0001450	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0001451	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0001452	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0001453	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0001454	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0001455	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0001456	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0001457	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0001458	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0001459	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0001460	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0001461	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0001462	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0001463	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0001464	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0001465	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0001466	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0001467	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0001468	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0001469	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0001470	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0001471	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0001472	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0001473	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0001474	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0001475	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0001476	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0001477	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0001478	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0001479	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0001480	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0001481	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0001482	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0001483	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0001484	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0001485	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0001486	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0001487	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0001488	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0001489	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0001490	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDP34

```

** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDPA5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 2.292E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
** -----

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LOCATION	L	VOLUME			
LOCATION	L0001491	VOLUME	445226.874	3759313.749	195.00
LOCATION	L0001492	VOLUME	445234.112	3759313.925	195.00
LOCATION	L0001493	VOLUME	445241.350	3759314.100	195.00
LOCATION	L0001494	VOLUME	445248.588	3759314.276	195.00
LOCATION	L0001495	VOLUME	445255.826	3759314.451	195.00
LOCATION	L0001496	VOLUME	445263.065	3759314.627	195.00
LOCATION	L0001497	VOLUME	445270.302	3759314.804	195.00
LOCATION	L0001498	VOLUME	445277.095	3759317.311	195.00
LOCATION	L0001499	VOLUME	445283.840	3759319.936	195.00
LOCATION	L0001500	VOLUME	445290.477	3759322.829	195.00
LOCATION	L0001501	VOLUME	445297.114	3759325.722	195.00
LOCATION	L0001502	VOLUME	445303.314	3759322.644	195.00
LOCATION	L0001503	VOLUME	445309.457	3759318.813	195.00
LOCATION	L0001504	VOLUME	445306.373	3759312.328	195.00
LOCATION	L0001505	VOLUME	445301.616	3759308.299	195.00
LOCATION	L0001506	VOLUME	445294.378	3759308.149	195.00
LOCATION	L0001507	VOLUME	445287.139	3759307.999	195.00
LOCATION	L0001508	VOLUME	445279.900	3759307.849	195.00
LOCATION	L0001509	VOLUME	445272.661	3759307.699	195.00
LOCATION	L0001510	VOLUME	445269.210	3759303.976	195.00
LOCATION	L0001511	VOLUME	445269.482	3759296.740	195.00
LOCATION	L0001512	VOLUME	445269.754	3759289.505	195.00
LOCATION	L0001513	VOLUME	445270.026	3759282.270	195.00
LOCATION	L0001514	VOLUME	445270.298	3759275.035	195.00
LOCATION	L0001515	VOLUME	445270.570	3759267.800	195.00
LOCATION	L0001516	VOLUME	445270.842	3759260.564	195.00
LOCATION	L0001517	VOLUME	445276.902	3759261.891	195.00
LOCATION	L0001518	VOLUME	445283.718	3759264.335	195.00
LOCATION	L0001519	VOLUME	445290.533	3759266.779	195.00
LOCATION	L0001520	VOLUME	445297.348	3759269.223	195.00
LOCATION	L0001521	VOLUME	445304.164	3759271.667	195.00
LOCATION	L0001522	VOLUME	445309.441	3759275.700	195.00
LOCATION	L0001523	VOLUME	445312.108	3759282.431	195.00
LOCATION	L0001524	VOLUME	445312.408	3759289.609	195.00
LOCATION	L0001525	VOLUME	445312.373	3759296.849	195.00
LOCATION	L0001526	VOLUME	445312.338	3759304.089	195.00
LOCATION	L0001527	VOLUME	445312.303	3759311.329	195.00
LOCATION	L0001528	VOLUME	445312.269	3759318.570	195.00
LOCATION	L0001529	VOLUME	445309.414	3759323.918	195.00

LOCATION	VOLUME				
L0001530	445302.728	3759326.696	195.00		
L0001531	445296.042	3759329.473	195.00		
L0001532	445289.744	3759327.731	195.00		
L0001533	445283.629	3759323.853	195.00		
L0001534	445277.495	3759320.022	195.00		
L0001535	445270.476	3759318.245	195.00		
L0001536	445263.257	3759317.983	195.00		
L0001537	445256.017	3759317.877	195.00		
L0001538	445248.778	3759317.771	195.00		
L0001539	445241.538	3759317.664	195.00		
L0001540	445234.299	3759317.558	195.00		
L0001541	445227.059	3759317.452	195.00		

\*\* End of LINE VOLUME Source ID = RDPA5

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARN

\*\* DESCRSRC Total trucks Archibald Ave North

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 7.187E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48

\*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48

\*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48

\*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48

\*\* -----

L0001542	445207.091	3759577.130	196.00		
L0001543	445206.717	3759612.549	196.00		
L0001544	445206.342	3759647.969	196.00		
L0001545	445205.968	3759683.388	196.00		
L0001546	445205.594	3759718.808	196.36		
L0001547	445202.362	3759754.043	196.90		
L0001548	445198.185	3759789.218	197.00		
L0001549	445194.008	3759824.392	197.00		
L0001550	445189.831	3759859.567	197.00		
L0001551	445187.677	3759894.850	197.00		
L0001552	445188.062	3759930.269	197.47		
L0001553	445188.447	3759965.689	198.00		
L0001554	445188.832	3760001.108	198.00		
L0001555	445189.216	3760036.527	198.00		
L0001556	445189.601	3760071.947	198.19		
L0001557	445189.986	3760107.366	199.00		
L0001558	445190.371	3760142.786	199.00		
L0001559	445190.756	3760178.205	199.00		
L0001560	445191.141	3760213.625	199.36		
L0001561	445191.526	3760249.044	200.00		
L0001562	445191.911	3760284.464	200.00		
L0001563	445192.296	3760319.883	200.00		

\*\* End of LINE VOLUME Source ID = RDARN

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.00001037

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

\*\* -----

LOCATION	VOLUME				
L0001564	445204.791	3759551.414	196.00		
L0001565	445205.297	3759515.693	196.00		
L0001566	445205.803	3759479.971	195.94		
L0001567	445206.308	3759444.249	195.24		
L0001568	445206.814	3759408.528	195.00		
L0001569	445207.320	3759372.806	195.00		
L0001570	445207.826	3759337.084	195.00		
L0001571	445208.207	3759301.362	195.00		
L0001572	445208.157	3759265.636	194.31		
L0001573	445208.108	3759229.911	194.00		
L0001574	445208.059	3759194.186	194.00		
L0001575	445208.010	3759158.461	193.99		
L0001576	445207.961	3759122.736	193.52		
L0001577	445207.727	3759087.011	193.00		
L0001578	445207.457	3759051.287	193.00		
L0001579	445207.187	3759015.563	193.00		
L0001580	445206.917	3758979.838	192.79		
L0001581	445206.646	3758944.114	192.00		
L0001582	445206.376	3758908.390	192.00		
L0001583	445206.106	3758872.666	192.00		
L0001584	445205.836	3758836.941	192.00		
L0001585	445205.565	3758801.217	191.73		
L0001586	445205.421	3758765.492	191.00		
L0001587	445205.345	3758729.767	191.00		
L0001588	445205.269	3758694.042	191.00		
L0001589	445205.192	3758658.317	190.07		
L0001590	445205.116	3758622.591	190.00		

\*\* End of LINE VOLUME Source ID = RDARS  
\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 9.872E-06  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

\*\* -----

LOCATION	VOLUME				
L0001591	445231.515	3759571.834	196.00		
L0001592	445267.255	3759572.195	196.00		
L0001593	445302.994	3759572.557	196.00		
L0001594	445338.734	3759572.919	196.00		
L0001595	445374.473	3759573.280	196.00		
L0001596	445410.213	3759573.642	196.00		
L0001597	445445.952	3759574.003	196.00		
L0001598	445481.691	3759574.365	196.05		
L0001599	445517.431	3759574.727	196.61		
L0001600	445553.170	3759575.088	196.80		
L0001601	445588.910	3759575.450	197.00		
L0001602	445624.649	3759575.812	197.00		
L0001603	445660.389	3759575.875	197.00		
L0001604	445696.129	3759575.578	197.00		
L0001605	445731.869	3759575.281	197.00		
L0001606	445767.609	3759574.984	197.00		
L0001607	445803.349	3759574.687	197.00		
L0001608	445839.089	3759574.390	197.00		
L0001609	445874.829	3759574.092	197.11		

LOCATION	L0001610	VOLUME	445910.569	3759573.795	197.74	
LOCATION	L0001611	VOLUME	445946.310	3759573.604	198.00	
LOCATION	L0001612	VOLUME	445982.051	3759573.507	198.00	
LOCATION	L0001613	VOLUME	446017.792	3759573.410	198.00	
LOCATION	L0001614	VOLUME	446053.533	3759573.313	198.00	
LOCATION	L0001615	VOLUME	446089.274	3759573.216	198.00	
LOCATION	L0001616	VOLUME	446125.016	3759573.119	198.29	
LOCATION	L0001617	VOLUME	446160.757	3759573.022	198.87	
LOCATION	L0001618	VOLUME	446196.498	3759572.925	199.00	
**	End of LINE VOLUME Source ID = RDLIM					
LOCATION	TANKLB	POINT	445619.760	3759504.240	196.000	
**	DESCRSRC Gas tank loading and tank breathing					
LOCATION	GASRS	VOLUME	445610.000	3759528.435	196.070	
**	DESCRSRC Gas station refueling and spillage					
LOCATION	CDCHAR	POINT	445245.780	3759411.100	195.160	
**	DESCRSRC CD-Charbroiler at Parcel 3					
LOCATION	FLATG	POINT	445249.160	3759350.060	195.000	
**	DESCRSRC Flat Griddle at Parcel 4					
LOCATION	UFCHAR	POINT	445251.500	3759284.560	195.000	
**	DESCRSRC UF-Charbroiler at Parcel 5					
**	Source Parameters **					
SRCPARAM	IDWALE	4.714E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	4.714E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	8.909E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	2.095E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	1.782E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	3.142E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	2.673E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	3.142E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	2.673E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	4.19E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	4.455E-06	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	6.667E-06	3.658	501.000	50.00000	0.040
**	LINE VOLUME Source ID = RDWAL					
SRCPARAM	L0001304	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001305	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001306	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001307	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001308	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001309	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001310	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001311	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001312	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001313	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001314	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001315	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001316	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001317	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001318	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001319	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001320	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001321	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001322	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001323	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001324	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001325	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001326	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001327	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001328	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001329	0.0000001559	3.66	3.37	0.85	
SRCPARAM	L0001330	0.0000001559	3.66	3.37	0.85	











SRCPARAM	L0001585	0.0000003841	3.66	16.62	0.85
SRCPARAM	L0001586	0.0000003841	3.66	16.62	0.85
SRCPARAM	L0001587	0.0000003841	3.66	16.62	0.85
SRCPARAM	L0001588	0.0000003841	3.66	16.62	0.85
SRCPARAM	L0001589	0.0000003841	3.66	16.62	0.85
SRCPARAM	L0001590	0.0000003841	3.66	16.62	0.85

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\*\* LINE VOLUME Source ID = RDLIM

SRCPARAM	L0001591	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001592	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001593	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001594	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001595	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001596	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001597	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001598	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001599	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001600	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001601	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001602	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001603	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001604	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001605	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001606	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001607	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001608	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001609	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001610	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001611	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001612	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001613	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001614	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001615	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001616	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001617	0.0000003526	3.66	16.62	0.85
SRCPARAM	L0001618	0.0000003526	3.66	16.62	0.85

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SRCPARAM	TANKLB	7.02E-09	3.658	294.000	0.00100	0.050
SRCPARAM	GASRS	2.71E-08	0.000	3.023	5.000	
SRCPARAM	CDCHAR	2.51E-07	8.534	366.483	6.14477	0.305
SRCPARAM	FLATG	2.78E-07	8.534	366.483	6.14477	0.305
SRCPARAM	UFCHAR	5.56E-07	8.534	366.483	6.14477	0.305
URBANSRC	ALL					
SRCGROUP	ALL					

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED DPM17-19.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\rivr8.sfc

PROFFILE ..\rivr8.PFL

SURFDATA 0 2008 Riverside 461640.00 3762100.00

UAIRDATA 3190 2008

SITEDATA 99999 2008

```
PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL DPM17-19.AD\AN00GALL.PLT 31
  SUMMFILE DPM17-19.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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\* AERMOD ( 14134): Eastvale Crossings DPM 2017-2019

07/15/15

\* AERMET ( 14134):

21:31:05

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.00158	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.00181	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.00194	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.00215	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.00231	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.00322	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.00140	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.00132	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.00135	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.00152	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759478.00000	0.00239	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.00202	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.00156	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.00290	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.00368	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.00373	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.00335	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.00285	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.00240	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.00184	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.00217	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.00221	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.00206	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.00187	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.00180	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.00136	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.00146	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.00148	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.00142	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.00134	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.00133	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.00103	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.00106	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.00107	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.00105	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.00102	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.00104	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.00081	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.00079	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.00081	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.00082	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.00081	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.00081	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.00083	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.00065	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.00066	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.00065	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.00065	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.00065	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.00065	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.00067	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.00054	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.00055	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.00054	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.00052	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.00053	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.00053	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.00054	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.00054	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.00056	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.00225	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.00267	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.00143	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.00139	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.00163	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.00157	194.00	194.00	0.00	ANNUAL	ALL	00000005	

445019.14000	3759221.05000	0.00102	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.00101	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.00098	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.00137	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.00138	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.00108	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.00077	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.00078	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.00076	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.00074	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.00093	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.00130	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.00143	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.00080	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.00061	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.00058	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.00064	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.00110	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.00062	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.00049	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.00050	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.00050	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.00049	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.00047	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.00062	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.00090	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.00094	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.00085	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.00049	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.00041	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.00042	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.00042	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.00042	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.00041	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.00039	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.00045	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.00063	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.00092	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.00113	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.00067	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.00041	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.00282	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.00161	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.00108	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.00079	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.00061	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.00049	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.00041	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.00243	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.00145	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.00101	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.00075	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.00059	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.00048	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.00039	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.00194	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.00122	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.00126	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.00086	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.00090	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.00066	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.00069	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.00071	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.00053	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.00054	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.00056	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.00043	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.00045	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.00046	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.00047	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.00036	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.00037	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.00038	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.00039	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.00039	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.00200	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.00179	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.00178	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.00133	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.00122	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.00118	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.00112	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.00096	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.00090	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.00099	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.00077	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.00079	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.00072	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.00079	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.00088	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.00066	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.00060	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.00080	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.00056	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.00058	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.00051	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.00075	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.00052	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.00039	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.00052	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.00044	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.00184	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.00201	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.00119	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.00119	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.00088	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.00084	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.00068	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.00065	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.00056	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.00053	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.00047	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.00044	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.00040	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.00037	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.00183	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.00109	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.00077	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.00060	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.00048	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.00040	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.00034	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.00190	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.00205	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.00232	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.00111	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.00135	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.00150	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.00114	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.00080	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.00075	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.00104	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.00113	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.00122	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.00123	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.00086	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.00062	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.00059	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.00084	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.00090	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.00094	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.00083	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.00091	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.00062	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.00050	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.00049	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.00047	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.00069	197.00	197.00	0.00	ANNUAL	ALL	00000005



445921.00000	3759279.53000	0.00073	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.00067	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.00098	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.00049	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.00041	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.00041	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.00040	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.00039	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.00058	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.00061	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.00062	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.00056	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.00100	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.00065	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.00039	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.00034	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.00034	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.00034	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.00033	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.00049	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.00052	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.00052	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.00242	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.00544	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.00325	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.00474	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.00522	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.00331	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.00246	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.00238	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.00226	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.00384	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.00395	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix D:  
AERMOD 2020–2034 DPM Equivalent Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/15/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\DPM20-34\DPM20-34.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Eastvale Crossings DPM 2020-2034
  TITLETWO DPM Equivalent PM10 Emissions
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL DPM20-34.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+a
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

\*\* -----  
 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart  
 \*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 1.746E-06  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

\*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

\*\* -----  
 LOCATION L0002221 VOLUME 445227.542 3759320.626 195.00  
 LOCATION L0002222 VOLUME 445234.781 3759321.013 195.00  
 LOCATION L0002223 VOLUME 445242.020 3759321.399 195.00  
 LOCATION L0002224 VOLUME 445249.259 3759321.786 195.00  
 LOCATION L0002225 VOLUME 445256.498 3759322.172 195.00  
 LOCATION L0002226 VOLUME 445263.737 3759322.559 195.00  
 LOCATION L0002227 VOLUME 445270.976 3759322.945 195.00  
 LOCATION L0002228 VOLUME 445277.542 3759325.289 195.00  
 LOCATION L0002229 VOLUME 445283.491 3759329.432 195.00  
 LOCATION L0002230 VOLUME 445289.440 3759333.574 195.00  
 LOCATION L0002231 VOLUME 445296.069 3759334.240 195.00  
 LOCATION L0002232 VOLUME 445303.068 3759332.438 195.00  
 LOCATION L0002233 VOLUME 445309.581 3759329.254 195.00  
 LOCATION L0002234 VOLUME 445316.093 3759326.071 195.00  
 LOCATION L0002235 VOLUME 445322.606 3759322.887 195.00  
 LOCATION L0002236 VOLUME 445329.118 3759319.703 195.00  
 LOCATION L0002237 VOLUME 445335.631 3759316.519 195.00  
 LOCATION L0002238 VOLUME 445342.375 3759314.064 195.00  
 LOCATION L0002239 VOLUME 445349.531 3759312.910 195.00  
 LOCATION L0002240 VOLUME 445356.688 3759311.755 195.00  
 LOCATION L0002241 VOLUME 445363.845 3759310.601 195.00  
 LOCATION L0002242 VOLUME 445370.994 3759309.920 195.00  
 LOCATION L0002243 VOLUME 445378.108 3759311.311 195.00  
 LOCATION L0002244 VOLUME 445385.223 3759312.702 195.00  
 LOCATION L0002245 VOLUME 445392.337 3759314.093 195.00  
 LOCATION L0002246 VOLUME 445399.451 3759315.485 195.00  
 LOCATION L0002247 VOLUME 445406.566 3759316.876 195.00  
 LOCATION L0002248 VOLUME 445413.680 3759318.267 195.00  
 LOCATION L0002249 VOLUME 445420.795 3759319.658 195.00  
 LOCATION L0002250 VOLUME 445427.909 3759321.049 195.00  
 LOCATION L0002251 VOLUME 445435.024 3759322.441 195.00  
 LOCATION L0002252 VOLUME 445442.138 3759323.832 195.00  
 LOCATION L0002253 VOLUME 445449.252 3759325.223 195.00  
 LOCATION L0002254 VOLUME 445456.296 3759326.846 195.00  
 LOCATION L0002255 VOLUME 445462.978 3759329.658 195.00  
 LOCATION L0002256 VOLUME 445469.659 3759332.470 195.00  
 LOCATION L0002257 VOLUME 445476.341 3759335.282 195.00  
 LOCATION L0002258 VOLUME 445483.022 3759338.095 195.00

LOCATION	VOLUME				
LOCATION L0002259	VOLUME	445489.704	3759340.907	195.00	
LOCATION L0002260	VOLUME	445496.385	3759343.719	195.00	
LOCATION L0002261	VOLUME	445503.067	3759346.531	195.00	
LOCATION L0002262	VOLUME	445509.748	3759349.343	195.00	
LOCATION L0002263	VOLUME	445516.430	3759352.155	195.00	
LOCATION L0002264	VOLUME	445523.111	3759354.967	195.00	
LOCATION L0002265	VOLUME	445529.491	3759358.340	195.00	
LOCATION L0002266	VOLUME	445535.512	3759362.377	195.00	
LOCATION L0002267	VOLUME	445541.533	3759366.413	195.00	
LOCATION L0002268	VOLUME	445547.555	3759370.450	195.00	
LOCATION L0002269	VOLUME	445553.576	3759374.486	195.00	
LOCATION L0002270	VOLUME	445559.492	3759378.610	195.08	
LOCATION L0002271	VOLUME	445562.276	3759385.303	195.30	
LOCATION L0002272	VOLUME	445565.060	3759391.996	195.52	
LOCATION L0002273	VOLUME	445567.845	3759398.689	195.75	
LOCATION L0002274	VOLUME	445570.629	3759405.382	195.97	
LOCATION L0002275	VOLUME	445573.413	3759412.075	196.00	
LOCATION L0002276	VOLUME	445574.959	3759418.882	196.00	
LOCATION L0002277	VOLUME	445573.434	3759425.969	196.00	
LOCATION L0002278	VOLUME	445571.910	3759433.056	196.00	
LOCATION L0002279	VOLUME	445570.385	3759440.143	196.00	
LOCATION L0002280	VOLUME	445568.860	3759447.230	196.00	
LOCATION L0002281	VOLUME	445567.336	3759454.317	196.00	
LOCATION L0002282	VOLUME	445565.811	3759461.404	196.00	
LOCATION L0002283	VOLUME	445564.286	3759468.491	196.00	
LOCATION L0002284	VOLUME	445562.762	3759475.578	196.00	
LOCATION L0002285	VOLUME	445561.237	3759482.665	196.00	
LOCATION L0002286	VOLUME	445559.713	3759489.752	196.00	
LOCATION L0002287	VOLUME	445558.188	3759496.839	196.00	
LOCATION L0002288	VOLUME	445556.663	3759503.926	196.00	
LOCATION L0002289	VOLUME	445555.139	3759511.013	196.00	
LOCATION L0002290	VOLUME	445553.614	3759518.100	196.00	
LOCATION L0002291	VOLUME	445552.089	3759525.187	196.00	
LOCATION L0002292	VOLUME	445550.565	3759532.274	196.07	
LOCATION L0002293	VOLUME	445549.364	3759539.401	196.15	
LOCATION L0002294	VOLUME	445549.118	3759546.646	196.22	
LOCATION L0002295	VOLUME	445548.872	3759553.891	196.29	

\*\* End of LINE VOLUME Source ID = RDWAL

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 1.681E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

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LOCATION L0002296	VOLUME	445645.846	3759556.460	197.00	
LOCATION L0002297	VOLUME	445645.846	3759549.203	196.89	
LOCATION L0002298	VOLUME	445645.846	3759541.946	196.78	
LOCATION L0002299	VOLUME	445644.074	3759535.054	196.64	
LOCATION L0002300	VOLUME	445641.205	3759528.389	196.44	
LOCATION L0002301	VOLUME	445638.336	3759521.723	196.25	
LOCATION L0002302	VOLUME	445631.932	3759518.366	196.06	

LOCATION	VOLUME				
LOCATION L0002303	VOLUME	445625.470	3759515.063	196.00	
LOCATION L0002304	VOLUME	445619.009	3759511.760	196.00	
LOCATION L0002305	VOLUME	445612.078	3759509.658	196.00	
LOCATION L0002306	VOLUME	445605.088	3759507.708	196.00	
LOCATION L0002307	VOLUME	445598.098	3759505.757	196.00	
LOCATION L0002308	VOLUME	445591.108	3759503.806	196.00	
LOCATION L0002309	VOLUME	445587.871	3759497.957	196.00	
LOCATION L0002310	VOLUME	445585.262	3759491.466	196.00	
LOCATION L0002311	VOLUME	445578.222	3759489.706	196.00	
LOCATION L0002312	VOLUME	445571.182	3759487.946	196.00	
LOCATION L0002313	VOLUME	445566.151	3759489.888	196.00	
LOCATION L0002314	VOLUME	445563.792	3759496.751	196.00	
LOCATION L0002315	VOLUME	445561.433	3759503.614	196.00	
LOCATION L0002316	VOLUME	445559.548	3759510.585	196.00	
LOCATION L0002317	VOLUME	445558.669	3759517.789	196.00	
LOCATION L0002318	VOLUME	445557.789	3759524.992	196.00	
LOCATION L0002319	VOLUME	445556.910	3759532.196	196.12	
LOCATION L0002320	VOLUME	445556.031	3759539.399	196.24	
LOCATION L0002321	VOLUME	445555.151	3759546.603	196.36	
LOCATION L0002322	VOLUME	445554.272	3759553.806	196.46	

\*\* End of LINE VOLUME Source ID = RDP A2

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 8.591E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION	VOLUME				
LOCATION L0002323	VOLUME	445542.695	3759552.709	196.10	
LOCATION L0002324	VOLUME	445543.718	3759545.469	196.09	
LOCATION L0002325	VOLUME	445544.743	3759538.229	196.07	
LOCATION L0002326	VOLUME	445545.867	3759531.003	196.03	
LOCATION L0002327	VOLUME	445546.990	3759523.777	196.00	
LOCATION L0002328	VOLUME	445548.113	3759516.552	196.00	
LOCATION L0002329	VOLUME	445549.237	3759509.326	196.00	
LOCATION L0002330	VOLUME	445550.360	3759502.101	196.00	
LOCATION L0002331	VOLUME	445551.484	3759494.875	196.00	
LOCATION L0002332	VOLUME	445552.607	3759487.649	196.00	
LOCATION L0002333	VOLUME	445548.497	3759484.040	196.00	
LOCATION L0002334	VOLUME	445541.341	3759482.536	196.00	
LOCATION L0002335	VOLUME	445534.185	3759481.031	196.00	
LOCATION L0002336	VOLUME	445527.029	3759479.527	196.00	
LOCATION L0002337	VOLUME	445519.873	3759478.022	196.00	
LOCATION L0002338	VOLUME	445512.717	3759476.517	196.00	
LOCATION L0002339	VOLUME	445505.561	3759475.013	196.00	
LOCATION L0002340	VOLUME	445498.405	3759473.508	196.00	
LOCATION L0002341	VOLUME	445491.249	3759472.004	196.00	
LOCATION L0002342	VOLUME	445484.093	3759470.499	196.00	



LOCATION	L0002343	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0002344	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0002345	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0002346	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0002347	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0002348	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0002349	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0002350	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0002351	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0002352	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0002353	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0002354	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0002355	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0002356	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0002357	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0002358	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0002359	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0002360	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0002361	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0002362	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0002363	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0002364	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0002365	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0002366	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0002367	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0002368	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0002369	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0002370	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0002371	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0002372	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0002373	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0002374	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0002375	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0002376	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0002377	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0002378	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0002379	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0002380	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0002381	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0002382	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0002383	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0002384	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0002385	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0002386	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0002387	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0002388	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0002389	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0002390	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0002391	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0002392	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0002393	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0002394	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0002395	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0002396	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0002397	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0002398	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0002399	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0002400	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0002401	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0002402	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0002403	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0002404	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0002405	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0002406	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0002407	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDP A5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 3.462E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
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LOCATION	VOLUME				
L0002408	VOLUME	445226.874	3759313.749	195.00	
L0002409	VOLUME	445234.112	3759313.925	195.00	
L0002410	VOLUME	445241.350	3759314.100	195.00	
L0002411	VOLUME	445248.588	3759314.276	195.00	
L0002412	VOLUME	445255.826	3759314.451	195.00	
L0002413	VOLUME	445263.065	3759314.627	195.00	
L0002414	VOLUME	445270.302	3759314.804	195.00	
L0002415	VOLUME	445277.095	3759317.311	195.00	
L0002416	VOLUME	445283.840	3759319.936	195.00	
L0002417	VOLUME	445290.477	3759322.829	195.00	
L0002418	VOLUME	445297.114	3759325.722	195.00	
L0002419	VOLUME	445303.314	3759322.644	195.00	
L0002420	VOLUME	445309.457	3759318.813	195.00	
L0002421	VOLUME	445306.373	3759312.328	195.00	
L0002422	VOLUME	445301.616	3759308.299	195.00	
L0002423	VOLUME	445294.378	3759308.149	195.00	
L0002424	VOLUME	445287.139	3759307.999	195.00	
L0002425	VOLUME	445279.900	3759307.849	195.00	
L0002426	VOLUME	445272.661	3759307.699	195.00	
L0002427	VOLUME	445269.210	3759303.976	195.00	
L0002428	VOLUME	445269.482	3759296.740	195.00	
L0002429	VOLUME	445269.754	3759289.505	195.00	
L0002430	VOLUME	445270.026	3759282.270	195.00	
L0002431	VOLUME	445270.298	3759275.035	195.00	
L0002432	VOLUME	445270.570	3759267.800	195.00	
L0002433	VOLUME	445270.842	3759260.564	195.00	
L0002434	VOLUME	445276.902	3759261.891	195.00	
L0002435	VOLUME	445283.718	3759264.335	195.00	
L0002436	VOLUME	445290.533	3759266.779	195.00	
L0002437	VOLUME	445297.348	3759269.223	195.00	
L0002438	VOLUME	445304.164	3759271.667	195.00	
L0002439	VOLUME	445309.441	3759275.700	195.00	
L0002440	VOLUME	445312.108	3759282.431	195.00	
L0002441	VOLUME	445312.408	3759289.609	195.00	
L0002442	VOLUME	445312.373	3759296.849	195.00	
L0002443	VOLUME	445312.338	3759304.089	195.00	
L0002444	VOLUME	445312.303	3759311.329	195.00	
L0002445	VOLUME	445312.269	3759318.570	195.00	
L0002446	VOLUME	445309.414	3759323.918	195.00	

LOCATION	L0002447	VOLUME	445302.728	3759326.696	195.00
LOCATION	L0002448	VOLUME	445296.042	3759329.473	195.00
LOCATION	L0002449	VOLUME	445289.744	3759327.731	195.00
LOCATION	L0002450	VOLUME	445283.629	3759323.853	195.00
LOCATION	L0002451	VOLUME	445277.495	3759320.022	195.00
LOCATION	L0002452	VOLUME	445270.476	3759318.245	195.00
LOCATION	L0002453	VOLUME	445263.257	3759317.983	195.00
LOCATION	L0002454	VOLUME	445256.017	3759317.877	195.00
LOCATION	L0002455	VOLUME	445248.778	3759317.771	195.00
LOCATION	L0002456	VOLUME	445241.538	3759317.664	195.00
LOCATION	L0002457	VOLUME	445234.299	3759317.558	195.00
LOCATION	L0002458	VOLUME	445227.059	3759317.452	195.00

\*\* End of LINE VOLUME Source ID = RDPA5

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARN

\*\* DESCRSRC Total trucks Archibald Ave North

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 1.123E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48

\*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48

\*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48

\*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48

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LOCATION	L0002459	VOLUME	445207.091	3759577.130	196.00
LOCATION	L0002460	VOLUME	445206.717	3759612.549	196.00
LOCATION	L0002461	VOLUME	445206.342	3759647.969	196.00
LOCATION	L0002462	VOLUME	445205.968	3759683.388	196.00
LOCATION	L0002463	VOLUME	445205.594	3759718.808	196.36
LOCATION	L0002464	VOLUME	445202.362	3759754.043	196.90
LOCATION	L0002465	VOLUME	445198.185	3759789.218	197.00
LOCATION	L0002466	VOLUME	445194.008	3759824.392	197.00
LOCATION	L0002467	VOLUME	445189.831	3759859.567	197.00
LOCATION	L0002468	VOLUME	445187.677	3759894.850	197.00
LOCATION	L0002469	VOLUME	445188.062	3759930.269	197.47
LOCATION	L0002470	VOLUME	445188.447	3759965.689	198.00
LOCATION	L0002471	VOLUME	445188.832	3760001.108	198.00
LOCATION	L0002472	VOLUME	445189.216	3760036.527	198.00
LOCATION	L0002473	VOLUME	445189.601	3760071.947	198.19
LOCATION	L0002474	VOLUME	445189.986	3760107.366	199.00
LOCATION	L0002475	VOLUME	445190.371	3760142.786	199.00
LOCATION	L0002476	VOLUME	445190.756	3760178.205	199.00
LOCATION	L0002477	VOLUME	445191.141	3760213.625	199.36
LOCATION	L0002478	VOLUME	445191.526	3760249.044	200.00
LOCATION	L0002479	VOLUME	445191.911	3760284.464	200.00
LOCATION	L0002480	VOLUME	445192.296	3760319.883	200.00

\*\* End of LINE VOLUME Source ID = RDARN

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 1.621E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	L0002481	VOLUME	445204.791	3759551.414	196.00
LOCATION	L0002482	VOLUME	445205.297	3759515.693	196.00
LOCATION	L0002483	VOLUME	445205.803	3759479.971	195.94
LOCATION	L0002484	VOLUME	445206.308	3759444.249	195.24
LOCATION	L0002485	VOLUME	445206.814	3759408.528	195.00
LOCATION	L0002486	VOLUME	445207.320	3759372.806	195.00
LOCATION	L0002487	VOLUME	445207.826	3759337.084	195.00
LOCATION	L0002488	VOLUME	445208.207	3759301.362	195.00
LOCATION	L0002489	VOLUME	445208.157	3759265.636	194.31
LOCATION	L0002490	VOLUME	445208.108	3759229.911	194.00
LOCATION	L0002491	VOLUME	445208.059	3759194.186	194.00
LOCATION	L0002492	VOLUME	445208.010	3759158.461	193.99
LOCATION	L0002493	VOLUME	445207.961	3759122.736	193.52
LOCATION	L0002494	VOLUME	445207.727	3759087.011	193.00
LOCATION	L0002495	VOLUME	445207.457	3759051.287	193.00
LOCATION	L0002496	VOLUME	445207.187	3759015.563	193.00
LOCATION	L0002497	VOLUME	445206.917	3758979.838	192.79
LOCATION	L0002498	VOLUME	445206.646	3758944.114	192.00
LOCATION	L0002499	VOLUME	445206.376	3758908.390	192.00
LOCATION	L0002500	VOLUME	445206.106	3758872.666	192.00
LOCATION	L0002501	VOLUME	445205.836	3758836.941	192.00
LOCATION	L0002502	VOLUME	445205.565	3758801.217	191.73
LOCATION	L0002503	VOLUME	445205.421	3758765.492	191.00
LOCATION	L0002504	VOLUME	445205.345	3758729.767	191.00
LOCATION	L0002505	VOLUME	445205.269	3758694.042	191.00
LOCATION	L0002506	VOLUME	445205.192	3758658.317	190.07
LOCATION	L0002507	VOLUME	445205.116	3758622.591	190.00

\*\* End of LINE VOLUME Source ID = RDARS

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\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 1.543E-06  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	L0002508	VOLUME	445231.515	3759571.834	196.00
LOCATION	L0002509	VOLUME	445267.255	3759572.195	196.00
LOCATION	L0002510	VOLUME	445302.994	3759572.557	196.00
LOCATION	L0002511	VOLUME	445338.734	3759572.919	196.00
LOCATION	L0002512	VOLUME	445374.473	3759573.280	196.00
LOCATION	L0002513	VOLUME	445410.213	3759573.642	196.00
LOCATION	L0002514	VOLUME	445445.952	3759574.003	196.00
LOCATION	L0002515	VOLUME	445481.691	3759574.365	196.05
LOCATION	L0002516	VOLUME	445517.431	3759574.727	196.61
LOCATION	L0002517	VOLUME	445553.170	3759575.088	196.80
LOCATION	L0002518	VOLUME	445588.910	3759575.450	197.00
LOCATION	L0002519	VOLUME	445624.649	3759575.812	197.00
LOCATION	L0002520	VOLUME	445660.389	3759575.875	197.00
LOCATION	L0002521	VOLUME	445696.129	3759575.578	197.00
LOCATION	L0002522	VOLUME	445731.869	3759575.281	197.00
LOCATION	L0002523	VOLUME	445767.609	3759574.984	197.00
LOCATION	L0002524	VOLUME	445803.349	3759574.687	197.00
LOCATION	L0002525	VOLUME	445839.089	3759574.390	197.00
LOCATION	L0002526	VOLUME	445874.829	3759574.092	197.11

LOCATION	L0002527	VOLUME	445910.569	3759573.795	197.74	
LOCATION	L0002528	VOLUME	445946.310	3759573.604	198.00	
LOCATION	L0002529	VOLUME	445982.051	3759573.507	198.00	
LOCATION	L0002530	VOLUME	446017.792	3759573.410	198.00	
LOCATION	L0002531	VOLUME	446053.533	3759573.313	198.00	
LOCATION	L0002532	VOLUME	446089.274	3759573.216	198.00	
LOCATION	L0002533	VOLUME	446125.016	3759573.119	198.29	
LOCATION	L0002534	VOLUME	446160.757	3759573.022	198.87	
LOCATION	L0002535	VOLUME	446196.498	3759572.925	199.00	
** End of LINE VOLUME Source ID = RDLIM						
LOCATION	TANKLB	POINT	445619.760	3759504.240	196.000	
** DESCRSRC Gas tank loading and tank breathing						
LOCATION	GASRS	VOLUME	445610.000	3759528.435	196.070	
** DESCRSRC Gas station refueling and spillage						
LOCATION	CDCHAR	POINT	445245.780	3759411.100	195.160	
** DESCRSRC CD-Charbroiler at Parcel 3						
LOCATION	FLATG	POINT	445249.160	3759350.060	195.000	
** DESCRSRC Flat Griddle at Parcel 4						
LOCATION	UFCHAR	POINT	445251.500	3759284.560	195.000	
** DESCRSRC UF-Charbroiler at Parcel 5						
** Source Parameters **						
SRCPARAM	IDWALE	9.608E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	9.608E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	1.72E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	4.27E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	3.441E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	6.405E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	5.161E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	6.405E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	5.161E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	8.54E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	8.602E-08	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	6.229E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	6.229E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	4.153E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	4.153E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	4.153E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	4.153E-06	3.658	501.000	50.00000	0.040
** LINE VOLUME Source ID = RDWAL						
SRCPARAM	L0002221	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002222	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002223	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002224	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002225	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002226	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002227	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002228	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002229	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002230	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002231	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002232	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002233	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002234	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002235	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002236	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002237	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002238	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002239	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002240	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002241	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002242	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002243	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002244	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002245	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002246	0.00000002328	3.66	3.37	0.85	
SRCPARAM	L0002247	0.00000002328	3.66	3.37	0.85	











SRCPARAM	L0002502	0.00000006004	3.66	16.62	0.85
SRCPARAM	L0002503	0.00000006004	3.66	16.62	0.85
SRCPARAM	L0002504	0.00000006004	3.66	16.62	0.85
SRCPARAM	L0002505	0.00000006004	3.66	16.62	0.85
SRCPARAM	L0002506	0.00000006004	3.66	16.62	0.85
SRCPARAM	L0002507	0.00000006004	3.66	16.62	0.85

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\*\* LINE VOLUME Source ID = RDLIM

SRCPARAM	L0002508	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002509	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002510	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002511	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002512	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002513	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002514	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002515	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002516	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002517	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002518	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002519	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002520	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002521	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002522	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002523	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002524	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002525	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002526	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002527	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002528	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002529	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002530	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002531	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002532	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002533	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002534	0.00000005511	3.66	16.62	0.85
SRCPARAM	L0002535	0.00000005511	3.66	16.62	0.85

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SRCPARAM	TANKLB	7.02E-09	3.658	294.000	0.00100	0.050
SRCPARAM	GASRS	2.71E-08	0.000	3.023	5.000	
SRCPARAM	CDCHAR	2.51E-07	8.534	366.483	6.14477	0.305
SRCPARAM	FLATG	2.78E-07	8.534	366.483	6.14477	0.305
SRCPARAM	UFCHAR	5.56E-07	8.534	366.483	6.14477	0.305
URBANSRC	ALL					
SRCGROUP	ALL					

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED DPM20-34.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\rivr8.sfc

PROFFILE ..\rivr8.PFL

SURFDATA 0 2008 Riverside 461640.00 3762100.00

UAIRDATA 3190 2008

SITEDATA 99999 2008

```
PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL DPM20-34.AD\AN00GALL.PLT 31
  SUMMFILE DPM20-34.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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\* AERMOD ( 14134): Eastvale Crossings DPM 2020-2034

07/15/15

\* AERMET ( 14134):

23:01:37

\* MODELING OPTIONS USED: RegDFault CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.00047	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.00059	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.00069	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.00075	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.00083	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.00126	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.00051	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.00047	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.00043	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.00044	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759149.00000	0.00084	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.00064	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.00044	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.00108	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.00144	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.00150	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.00132	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.00108	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.00083	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.00067	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.00081	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.00084	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.00078	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.00068	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.00059	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.00049	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.00053	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.00054	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.00051	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.00047	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.00043	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.00037	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.00038	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.00038	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.00037	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.00035	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.00033	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.00028	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.00028	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.00028	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.00028	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.00028	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.00027	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.00026	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.00023	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.00023	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.00022	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.00022	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.00022	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.00021	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.00021	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.00018	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.00019	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.00019	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.00018	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.00018	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.00018	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.00018	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.00018	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.00017	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.00076	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.00097	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.00051	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.00047	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.00053	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.00057	194.00	194.00	0.00	ANNUAL	ALL	00000005	

445019.14000	3759221.05000	0.00036	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.00035	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.00033	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.00041	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.00043	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.00039	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.00027	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.00027	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.00026	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.00024	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.00029	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.00036	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.00039	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.00028	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.00021	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.00019	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.00020	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.00030	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.00022	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.00017	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.00017	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.00017	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.00017	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.00015	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.00019	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.00024	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.00025	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.00024	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.00017	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.00014	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.00015	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.00015	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.00014	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.00014	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.00013	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.00014	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.00018	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.00023	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.00026	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.00019	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.00014	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.00106	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.00059	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.00039	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.00028	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.00021	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.00017	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.00014	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.00084	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.00051	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.00036	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.00026	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.00020	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.00016	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.00013	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.00057	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.00038	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.00042	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.00027	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.00030	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.00021	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.00023	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.00024	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.00017	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.00018	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.00019	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.00014	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.00014	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.00015	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.00016	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.00011	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.00012	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.00013	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.00013	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.00013	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.00056	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.00055	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.00055	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.00039	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.00037	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.00038	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.00031	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.00029	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.00028	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.00026	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.00022	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.00023	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.00022	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.00021	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.00022	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.00019	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.00018	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.00019	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.00016	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.00016	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.00015	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.00017	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.00014	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.00012	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.00014	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.00013	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.00057	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.00064	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.00039	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.00039	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.00028	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.00028	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.00022	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.00021	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.00017	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.00017	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.00014	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.00014	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.00012	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.00011	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.00060	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.00036	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.00025	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.00019	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.00015	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.00013	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.00011	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.00058	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.00074	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.00081	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.00034	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.00044	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.00053	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.00033	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.00025	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.00024	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.00034	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.00039	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.00043	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.00032	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.00024	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.00019	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.00019	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.00027	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.00031	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.00033	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.00024	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.00024	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.00018	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.00015	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.00015	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.00015	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.00023	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.00025	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.00020	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.00023	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.00014	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.00013	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.00013	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.00013	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.00012	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.00019	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.00021	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.00021	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.00017	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.00023	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.00017	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.00012	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.00011	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.00011	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.00011	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.00010	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.00016	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.00017	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.00018	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.00085	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.00169	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.00122	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.00177	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.00216	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.00125	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.00078	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.00075	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.00076	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.00119	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.00133	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix E:  
AERMOD 2035–2087 DPM Equivalent Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\DPM35-87\DPM35-87.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Eastvale Crossings DPM 2035-2087
  TITLETWO DPM Equivalent PM10 Emissions
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL DPM35-87.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+axle truck idling Parcel 4
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

\*\* -----  
 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart

\*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 7.518E-07  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85

\*\* Nodes = 12  
 \*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

\*\* -----  
 LOCATION L0001676      VOLUME    445227.542 3759320.626 195.00  
 LOCATION L0001677      VOLUME    445234.781 3759321.013 195.00  
 LOCATION L0001678      VOLUME    445242.020 3759321.399 195.00  
 LOCATION L0001679      VOLUME    445249.259 3759321.786 195.00  
 LOCATION L0001680      VOLUME    445256.498 3759322.172 195.00  
 LOCATION L0001681      VOLUME    445263.737 3759322.559 195.00  
 LOCATION L0001682      VOLUME    445270.976 3759322.945 195.00  
 LOCATION L0001683      VOLUME    445277.542 3759325.289 195.00  
 LOCATION L0001684      VOLUME    445283.491 3759329.432 195.00  
 LOCATION L0001685      VOLUME    445289.440 3759333.574 195.00  
 LOCATION L0001686      VOLUME    445296.069 3759334.240 195.00  
 LOCATION L0001687      VOLUME    445303.068 3759332.438 195.00  
 LOCATION L0001688      VOLUME    445309.581 3759329.254 195.00  
 LOCATION L0001689      VOLUME    445316.093 3759326.071 195.00  
 LOCATION L0001690      VOLUME    445322.606 3759322.887 195.00  
 LOCATION L0001691      VOLUME    445329.118 3759319.703 195.00  
 LOCATION L0001692      VOLUME    445335.631 3759316.519 195.00  
 LOCATION L0001693      VOLUME    445342.375 3759314.064 195.00  
 LOCATION L0001694      VOLUME    445349.531 3759312.910 195.00  
 LOCATION L0001695      VOLUME    445356.688 3759311.755 195.00  
 LOCATION L0001696      VOLUME    445363.845 3759310.601 195.00  
 LOCATION L0001697      VOLUME    445370.994 3759309.920 195.00  
 LOCATION L0001698      VOLUME    445378.108 3759311.311 195.00  
 LOCATION L0001699      VOLUME    445385.223 3759312.702 195.00  
 LOCATION L0001700      VOLUME    445392.337 3759314.093 195.00  
 LOCATION L0001701      VOLUME    445399.451 3759315.485 195.00  
 LOCATION L0001702      VOLUME    445406.566 3759316.876 195.00  
 LOCATION L0001703      VOLUME    445413.680 3759318.267 195.00  
 LOCATION L0001704      VOLUME    445420.795 3759319.658 195.00  
 LOCATION L0001705      VOLUME    445427.909 3759321.049 195.00  
 LOCATION L0001706      VOLUME    445435.024 3759322.441 195.00  
 LOCATION L0001707      VOLUME    445442.138 3759323.832 195.00  
 LOCATION L0001708      VOLUME    445449.252 3759325.223 195.00  
 LOCATION L0001709      VOLUME    445456.296 3759326.846 195.00  
 LOCATION L0001710      VOLUME    445462.978 3759329.658 195.00  
 LOCATION L0001711      VOLUME    445469.659 3759332.470 195.00  
 LOCATION L0001712      VOLUME    445476.341 3759335.282 195.00  
 LOCATION L0001713      VOLUME    445483.022 3759338.095 195.00

LOCATION L0001714	VOLUME	445489.704	3759340.907	195.00
LOCATION L0001715	VOLUME	445496.385	3759343.719	195.00
LOCATION L0001716	VOLUME	445503.067	3759346.531	195.00
LOCATION L0001717	VOLUME	445509.748	3759349.343	195.00
LOCATION L0001718	VOLUME	445516.430	3759352.155	195.00
LOCATION L0001719	VOLUME	445523.111	3759354.967	195.00
LOCATION L0001720	VOLUME	445529.491	3759358.340	195.00
LOCATION L0001721	VOLUME	445535.512	3759362.377	195.00
LOCATION L0001722	VOLUME	445541.533	3759366.413	195.00
LOCATION L0001723	VOLUME	445547.555	3759370.450	195.00
LOCATION L0001724	VOLUME	445553.576	3759374.486	195.00
LOCATION L0001725	VOLUME	445559.492	3759378.610	195.08
LOCATION L0001726	VOLUME	445562.276	3759385.303	195.30
LOCATION L0001727	VOLUME	445565.060	3759391.996	195.52
LOCATION L0001728	VOLUME	445567.845	3759398.689	195.75
LOCATION L0001729	VOLUME	445570.629	3759405.382	195.97
LOCATION L0001730	VOLUME	445573.413	3759412.075	196.00
LOCATION L0001731	VOLUME	445574.959	3759418.882	196.00
LOCATION L0001732	VOLUME	445573.434	3759425.969	196.00
LOCATION L0001733	VOLUME	445571.910	3759433.056	196.00
LOCATION L0001734	VOLUME	445570.385	3759440.143	196.00
LOCATION L0001735	VOLUME	445568.860	3759447.230	196.00
LOCATION L0001736	VOLUME	445567.336	3759454.317	196.00
LOCATION L0001737	VOLUME	445565.811	3759461.404	196.00
LOCATION L0001738	VOLUME	445564.286	3759468.491	196.00
LOCATION L0001739	VOLUME	445562.762	3759475.578	196.00
LOCATION L0001740	VOLUME	445561.237	3759482.665	196.00
LOCATION L0001741	VOLUME	445559.713	3759489.752	196.00
LOCATION L0001742	VOLUME	445558.188	3759496.839	196.00
LOCATION L0001743	VOLUME	445556.663	3759503.926	196.00
LOCATION L0001744	VOLUME	445555.139	3759511.013	196.00
LOCATION L0001745	VOLUME	445553.614	3759518.100	196.00
LOCATION L0001746	VOLUME	445552.089	3759525.187	196.00
LOCATION L0001747	VOLUME	445550.565	3759532.274	196.07
LOCATION L0001748	VOLUME	445549.364	3759539.401	196.15
LOCATION L0001749	VOLUME	445549.118	3759546.646	196.22
LOCATION L0001750	VOLUME	445548.872	3759553.891	196.29

\*\* End of LINE VOLUME Source ID = RDWAL  
\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDP A2  
\*\* DESCRSRC Total onsite truck route Parcel 2  
\*\* PREFIX  
\*\* Length of Side = 3.66  
\*\* Configuration = Separated  
\*\* Emission Rate = 6.197E-08  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 9  
\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38  
\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38  
\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38  
\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38  
\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38  
\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38  
\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38  
\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38  
\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38  
\*\* -----  

LOCATION L0001751	VOLUME	445645.846	3759556.460	197.00
LOCATION L0001752	VOLUME	445645.846	3759549.203	196.89
LOCATION L0001753	VOLUME	445645.846	3759541.946	196.78
LOCATION L0001754	VOLUME	445644.074	3759535.054	196.64
LOCATION L0001755	VOLUME	445641.205	3759528.389	196.44
LOCATION L0001756	VOLUME	445638.336	3759521.723	196.25
LOCATION L0001757	VOLUME	445631.932	3759518.366	196.06

LOCATION	VOLUME				
LOCATION L0001758	VOLUME	445625.470	3759515.063	196.00	
LOCATION L0001759	VOLUME	445619.009	3759511.760	196.00	
LOCATION L0001760	VOLUME	445612.078	3759509.658	196.00	
LOCATION L0001761	VOLUME	445605.088	3759507.708	196.00	
LOCATION L0001762	VOLUME	445598.098	3759505.757	196.00	
LOCATION L0001763	VOLUME	445591.108	3759503.806	196.00	
LOCATION L0001764	VOLUME	445587.871	3759497.957	196.00	
LOCATION L0001765	VOLUME	445585.262	3759491.466	196.00	
LOCATION L0001766	VOLUME	445578.222	3759489.706	196.00	
LOCATION L0001767	VOLUME	445571.182	3759487.946	196.00	
LOCATION L0001768	VOLUME	445566.151	3759489.888	196.00	
LOCATION L0001769	VOLUME	445563.792	3759496.751	196.00	
LOCATION L0001770	VOLUME	445561.433	3759503.614	196.00	
LOCATION L0001771	VOLUME	445559.548	3759510.585	196.00	
LOCATION L0001772	VOLUME	445558.669	3759517.789	196.00	
LOCATION L0001773	VOLUME	445557.789	3759524.992	196.00	
LOCATION L0001774	VOLUME	445556.910	3759532.196	196.12	
LOCATION L0001775	VOLUME	445556.031	3759539.399	196.24	
LOCATION L0001776	VOLUME	445555.151	3759546.603	196.36	
LOCATION L0001777	VOLUME	445554.272	3759553.806	196.46	

\*\* End of LINE VOLUME Source ID = RDP A2

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 2.452E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION	VOLUME				
LOCATION L0001778	VOLUME	445542.695	3759552.709	196.10	
LOCATION L0001779	VOLUME	445543.718	3759545.469	196.09	
LOCATION L0001780	VOLUME	445544.743	3759538.229	196.07	
LOCATION L0001781	VOLUME	445545.867	3759531.003	196.03	
LOCATION L0001782	VOLUME	445546.990	3759523.777	196.00	
LOCATION L0001783	VOLUME	445548.113	3759516.552	196.00	
LOCATION L0001784	VOLUME	445549.237	3759509.326	196.00	
LOCATION L0001785	VOLUME	445550.360	3759502.101	196.00	
LOCATION L0001786	VOLUME	445551.484	3759494.875	196.00	
LOCATION L0001787	VOLUME	445552.607	3759487.649	196.00	
LOCATION L0001788	VOLUME	445548.497	3759484.040	196.00	
LOCATION L0001789	VOLUME	445541.341	3759482.536	196.00	
LOCATION L0001790	VOLUME	445534.185	3759481.031	196.00	
LOCATION L0001791	VOLUME	445527.029	3759479.527	196.00	
LOCATION L0001792	VOLUME	445519.873	3759478.022	196.00	
LOCATION L0001793	VOLUME	445512.717	3759476.517	196.00	
LOCATION L0001794	VOLUME	445505.561	3759475.013	196.00	
LOCATION L0001795	VOLUME	445498.405	3759473.508	196.00	
LOCATION L0001796	VOLUME	445491.249	3759472.004	196.00	
LOCATION L0001797	VOLUME	445484.093	3759470.499	196.00	

LOCATION	L0001798	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0001799	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0001800	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0001801	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0001802	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0001803	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0001804	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0001805	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0001806	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0001807	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0001808	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0001809	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0001810	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0001811	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0001812	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0001813	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0001814	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0001815	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0001816	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0001817	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0001818	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0001819	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0001820	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0001821	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0001822	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0001823	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0001824	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0001825	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0001826	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0001827	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0001828	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0001829	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0001830	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0001831	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0001832	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0001833	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0001834	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0001835	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0001836	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0001837	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0001838	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0001839	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0001840	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0001841	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0001842	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0001843	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0001844	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0001845	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0001846	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0001847	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0001848	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0001849	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0001850	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0001851	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0001852	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0001853	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0001854	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0001855	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0001856	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0001857	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0001858	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0001859	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0001860	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0001861	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0001862	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDPA5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 1.375E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
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LOCATION	VOLUME				
L0001863	445226.874	3759313.749	195.00		
L0001864	445234.112	3759313.925	195.00		
L0001865	445241.350	3759314.100	195.00		
L0001866	445248.588	3759314.276	195.00		
L0001867	445255.826	3759314.451	195.00		
L0001868	445263.065	3759314.627	195.00		
L0001869	445270.302	3759314.804	195.00		
L0001870	445277.095	3759317.311	195.00		
L0001871	445283.840	3759319.936	195.00		
L0001872	445290.477	3759322.829	195.00		
L0001873	445297.114	3759325.722	195.00		
L0001874	445303.314	3759322.644	195.00		
L0001875	445309.457	3759318.813	195.00		
L0001876	445306.373	3759312.328	195.00		
L0001877	445301.616	3759308.299	195.00		
L0001878	445294.378	3759308.149	195.00		
L0001879	445287.139	3759307.999	195.00		
L0001880	445279.900	3759307.849	195.00		
L0001881	445272.661	3759307.699	195.00		
L0001882	445269.210	3759303.976	195.00		
L0001883	445269.482	3759296.740	195.00		
L0001884	445269.754	3759289.505	195.00		
L0001885	445270.026	3759282.270	195.00		
L0001886	445270.298	3759275.035	195.00		
L0001887	445270.570	3759267.800	195.00		
L0001888	445270.842	3759260.564	195.00		
L0001889	445276.902	3759261.891	195.00		
L0001890	445283.718	3759264.335	195.00		
L0001891	445290.533	3759266.779	195.00		
L0001892	445297.348	3759269.223	195.00		
L0001893	445304.164	3759271.667	195.00		
L0001894	445309.441	3759275.700	195.00		
L0001895	445312.108	3759282.431	195.00		
L0001896	445312.408	3759289.609	195.00		
L0001897	445312.373	3759296.849	195.00		
L0001898	445312.338	3759304.089	195.00		
L0001899	445312.303	3759311.329	195.00		
L0001900	445312.269	3759318.570	195.00		
L0001901	445309.414	3759323.918	195.00		



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LOCATION L0001902      VOLUME  445302.728 3759326.696 195.00
LOCATION L0001903      VOLUME  445296.042 3759329.473 195.00
LOCATION L0001904      VOLUME  445289.744 3759327.731 195.00
LOCATION L0001905      VOLUME  445283.629 3759323.853 195.00
LOCATION L0001906      VOLUME  445277.495 3759320.022 195.00
LOCATION L0001907      VOLUME  445270.476 3759318.245 195.00
LOCATION L0001908      VOLUME  445263.257 3759317.983 195.00
LOCATION L0001909      VOLUME  445256.017 3759317.877 195.00
LOCATION L0001910      VOLUME  445248.778 3759317.771 195.00
LOCATION L0001911      VOLUME  445241.538 3759317.664 195.00
LOCATION L0001912      VOLUME  445234.299 3759317.558 195.00
LOCATION L0001913      VOLUME  445227.059 3759317.452 195.00
** End of LINE VOLUME Source ID = RDPA5
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDARN
** DESCRSRC Total trucks Archibald Ave North
** PREFIX
** Length of Side = 18.29
** Configuration = Separated
** Emission Rate = 5.622E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 4
** 445207.188, 3759567.986, 196.00, 3.66, 16.48
** 445205.501, 3759727.615, 196.70, 3.66, 16.48
** 445187.506, 3759879.142, 197.00, 3.66, 16.48
** 445192.395, 3760329.026, 200.00, 3.66, 16.48
** -----
LOCATION L0001914      VOLUME  445207.091 3759577.130 196.00
LOCATION L0001915      VOLUME  445206.717 3759612.549 196.00
LOCATION L0001916      VOLUME  445206.342 3759647.969 196.00
LOCATION L0001917      VOLUME  445205.968 3759683.388 196.00
LOCATION L0001918      VOLUME  445205.594 3759718.808 196.36
LOCATION L0001919      VOLUME  445202.362 3759754.043 196.90
LOCATION L0001920      VOLUME  445198.185 3759789.218 197.00
LOCATION L0001921      VOLUME  445194.008 3759824.392 197.00
LOCATION L0001922      VOLUME  445189.831 3759859.567 197.00
LOCATION L0001923      VOLUME  445187.677 3759894.850 197.00
LOCATION L0001924      VOLUME  445188.062 3759930.269 197.47
LOCATION L0001925      VOLUME  445188.447 3759965.689 198.00
LOCATION L0001926      VOLUME  445188.832 3760001.108 198.00
LOCATION L0001927      VOLUME  445189.216 3760036.527 198.00
LOCATION L0001928      VOLUME  445189.601 3760071.947 198.19
LOCATION L0001929      VOLUME  445189.986 3760107.366 199.00
LOCATION L0001930      VOLUME  445190.371 3760142.786 199.00
LOCATION L0001931      VOLUME  445190.756 3760178.205 199.00
LOCATION L0001932      VOLUME  445191.141 3760213.625 199.36
LOCATION L0001933      VOLUME  445191.526 3760249.044 200.00
LOCATION L0001934      VOLUME  445191.911 3760284.464 200.00
LOCATION L0001935      VOLUME  445192.296 3760319.883 200.00
** End of LINE VOLUME Source ID = RDARN
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDARS
** DESCRSRC Total trucks Archibald Ave South
** PREFIX
** Length of Side = 18.29
** Configuration = Separated
** Emission Rate = 8.114E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 445204.661, 3759560.557, 196.00, 3.66, 16.62
** 445208.218, 3759309.452, 195.00, 3.66, 16.62
** 445207.953, 3759116.801, 193.00, 3.66, 16.62

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\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	VOLUME				
L0001936	445204.791	3759551.414	196.00		
L0001937	445205.297	3759515.693	196.00		
L0001938	445205.803	3759479.971	195.94		
L0001939	445206.308	3759444.249	195.24		
L0001940	445206.814	3759408.528	195.00		
L0001941	445207.320	3759372.806	195.00		
L0001942	445207.826	3759337.084	195.00		
L0001943	445208.207	3759301.362	195.00		
L0001944	445208.157	3759265.636	194.31		
L0001945	445208.108	3759229.911	194.00		
L0001946	445208.059	3759194.186	194.00		
L0001947	445208.010	3759158.461	193.99		
L0001948	445207.961	3759122.736	193.52		
L0001949	445207.727	3759087.011	193.00		
L0001950	445207.457	3759051.287	193.00		
L0001951	445207.187	3759015.563	193.00		
L0001952	445206.917	3758979.838	192.79		
L0001953	445206.646	3758944.114	192.00		
L0001954	445206.376	3758908.390	192.00		
L0001955	445206.106	3758872.666	192.00		
L0001956	445205.836	3758836.941	192.00		
L0001957	445205.565	3758801.217	191.73		
L0001958	445205.421	3758765.492	191.00		
L0001959	445205.345	3758729.767	191.00		
L0001960	445205.269	3758694.042	191.00		
L0001961	445205.192	3758658.317	190.07		
L0001962	445205.116	3758622.591	190.00		

\*\* End of LINE VOLUME Source ID = RDARS  
\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 7.722E-07  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	VOLUME				
L0001963	445231.515	3759571.834	196.00		
L0001964	445267.255	3759572.195	196.00		
L0001965	445302.994	3759572.557	196.00		
L0001966	445338.734	3759572.919	196.00		
L0001967	445374.473	3759573.280	196.00		
L0001968	445410.213	3759573.642	196.00		
L0001969	445445.952	3759574.003	196.00		
L0001970	445481.691	3759574.365	196.05		
L0001971	445517.431	3759574.727	196.61		
L0001972	445553.170	3759575.088	196.80		
L0001973	445588.910	3759575.450	197.00		
L0001974	445624.649	3759575.812	197.00		
L0001975	445660.389	3759575.875	197.00		
L0001976	445696.129	3759575.578	197.00		
L0001977	445731.869	3759575.281	197.00		
L0001978	445767.609	3759574.984	197.00		
L0001979	445803.349	3759574.687	197.00		
L0001980	445839.089	3759574.390	197.00		
L0001981	445874.829	3759574.092	197.11		

LOCATION	L0001982	VOLUME	445910.569	3759573.795	197.74	
LOCATION	L0001983	VOLUME	445946.310	3759573.604	198.00	
LOCATION	L0001984	VOLUME	445982.051	3759573.507	198.00	
LOCATION	L0001985	VOLUME	446017.792	3759573.410	198.00	
LOCATION	L0001986	VOLUME	446053.533	3759573.313	198.00	
LOCATION	L0001987	VOLUME	446089.274	3759573.216	198.00	
LOCATION	L0001988	VOLUME	446125.016	3759573.119	198.29	
LOCATION	L0001989	VOLUME	446160.757	3759573.022	198.87	
LOCATION	L0001990	VOLUME	446196.498	3759572.925	199.00	
** End of LINE VOLUME Source ID = RDLIM						
LOCATION	TANKLB	POINT	445619.760	3759504.240	196.000	
** DESCRSRC Gas tank loading and tank breathing						
LOCATION	GASRS	VOLUME	445610.000	3759528.435	196.070	
** DESCRSRC Gas station refueling and spillage						
LOCATION	CDCHAR	POINT	445245.780	3759411.100	195.160	
** DESCRSRC CD-Charbroiler at Parcel 3						
LOCATION	FLATG	POINT	445249.160	3759350.060	195.000	
** DESCRSRC Flat Griddle at Parcel 4						
LOCATION	UFCHAR	POINT	445251.500	3759284.560	195.000	
** DESCRSRC UF-Charbroiler at Parcel 5						
** Source Parameters **						
SRCPARAM	IDWALE	2.186E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	2.186E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	3.92E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	9.716E-09	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	7.841E-09	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	1.457E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	1.176E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	1.457E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	1.176E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	1.943E-08	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	1.96E-08	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	9.007E-07	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	9.007E-07	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	6.005E-07	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	6.005E-07	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	6.005E-07	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	6.005E-07	3.658	501.000	50.00000	0.040
** LINE VOLUME Source ID = RDWAL						
SRCPARAM	L0001676	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001677	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001678	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001679	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001680	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001681	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001682	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001683	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001684	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001685	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001686	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001687	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001688	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001689	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001690	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001691	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001692	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001693	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001694	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001695	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001696	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001697	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001698	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001699	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001700	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001701	0.00000001002	3.66	3.37	0.85	
SRCPARAM	L0001702	0.00000001002	3.66	3.37	0.85	









SRCPARAM	L0001957	0.00000003005	3.66	16.62	0.85
SRCPARAM	L0001958	0.00000003005	3.66	16.62	0.85
SRCPARAM	L0001959	0.00000003005	3.66	16.62	0.85
SRCPARAM	L0001960	0.00000003005	3.66	16.62	0.85
SRCPARAM	L0001961	0.00000003005	3.66	16.62	0.85
SRCPARAM	L0001962	0.00000003005	3.66	16.62	0.85

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\*\* LINE VOLUME Source ID = RDLIM

SRCPARAM	L0001963	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001964	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001965	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001966	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001967	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001968	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001969	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001970	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001971	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001972	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001973	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001974	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001975	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001976	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001977	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001978	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001979	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001980	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001981	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001982	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001983	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001984	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001985	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001986	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001987	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001988	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001989	0.00000002758	3.66	16.62	0.85
SRCPARAM	L0001990	0.00000002758	3.66	16.62	0.85

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SRCPARAM	TANKLB	7.02E-09	3.658	294.000	0.00100	0.050
SRCPARAM	GASRS	2.71E-08	0.000	3.023	5.000	
SRCPARAM	CDCHAR	2.51E-07	8.534	366.483	6.14477	0.305
SRCPARAM	FLATG	2.78E-07	8.534	366.483	6.14477	0.305
SRCPARAM	UFCHAR	5.56E-07	8.534	366.483	6.14477	0.305

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED DPM35-87.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\rivr8.sfc

PROFFILE ..\rivr8.PFL

SURFDATA 0 2008 Riverside 461640.00 3762100.00

UAIRDATA 3190 2008

SITEDATA 99999 2008



```
PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL DPM35-87.AD\AN00GALL.PLT 31
  SUMMFILE DPM35-87.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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\* AERMOD ( 14134): Eastvale Crossings DPM 2035-2087

07/16/15

\* AERMET ( 14134):

02:07:24

\* MODELING OPTIONS USED: RegDFault CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.00012	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.00014	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.00015	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.00016	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.00017	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.00024	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.00010	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.00010	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.00011	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.00012	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759178.00000	0.00019	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.00016	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.00012	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.00021	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.00027	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.00029	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.00026	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.00022	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.00019	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.00013	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.00016	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.00017	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.00016	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.00015	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.00014	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.00010	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.00011	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.00011	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.00011	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.00010	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.00010	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.00008	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.00008	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.00008	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.00008	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.00008	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.00008	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.00006	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.00006	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.00006	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.00006	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.00006	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.00006	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.00006	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.00005	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.00005	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.00005	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.00005	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.00005	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.00005	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.00005	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.00004	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.00004	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.00004	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.00004	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.00004	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.00018	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.00021	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.00011	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.00011	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.00013	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.00013	194.00	194.00	0.00	ANNUAL	ALL	00000005	

445019.14000	3759221.05000	0.00008	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.00008	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.00008	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.00011	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.00011	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.00009	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.00006	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.00006	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.00006	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.00006	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.00007	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.00010	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.00011	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.00006	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.00005	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.00005	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.00005	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.00009	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.00005	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.00004	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.00004	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.00004	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.00004	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.00005	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.00007	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.00007	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.00007	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.00004	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.00003	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.00003	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.00003	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.00003	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.00003	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.00003	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.00004	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.00005	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.00007	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.00009	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.00005	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.00003	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.00022	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.00013	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.00009	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.00006	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.00005	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.00004	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.00003	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.00019	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.00011	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.00008	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.00006	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.00005	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.00004	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.00003	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.00015	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.00010	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.00010	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.00007	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.00007	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.00005	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.00005	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.00006	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.00004	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.00004	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.00004	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.00003	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.00003	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.00004	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.00004	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.00003	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.00003	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.00003	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.00003	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.00003	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.00016	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.00014	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.00014	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.00010	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.00009	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.00009	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.00009	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.00007	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.00007	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.00008	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.00006	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.00006	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.00006	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.00006	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.00007	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.00005	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.00006	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.00004	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.00004	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.00006	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.00004	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.00003	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.00004	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.00014	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.00015	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.00009	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.00009	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.00007	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.00006	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.00004	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.00004	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.00004	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.00003	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.00014	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.00008	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.00006	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.00004	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.00003	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.00015	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.00016	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.00017	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.00009	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.00010	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.00011	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.00009	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.00006	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.00006	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.00008	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.00008	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.00009	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.00009	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.00007	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.00005	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.00004	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.00006	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.00007	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.00007	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.00006	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.00007	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.00005	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.00004	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.00004	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.00004	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.00005	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.00005	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.00005	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.00008	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.00004	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.00003	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.00003	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.00004	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.00005	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.00005	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.00004	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.00008	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.00005	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.00003	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.00003	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.00003	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.00003	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.00003	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.00004	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.00004	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.00004	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.00019	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.00039	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.00026	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.00037	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.00042	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.00026	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.00019	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.00019	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.00017	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.00029	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.00031	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix F:  
AERMOD Benzene Equivalent Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\Benzene\Benzene.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Eastvale Crossings Benzene 2017-2019
  TITLETWO Benzene Equivalent Emissions
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2100516 Riverside_County
  POLLUTID BENZENE
  RUNORNOT RUN
  ERRORFIL Benzene.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+a
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

\*\* -----  
 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart

\*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.0008536  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

\*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

\*\* -----  
 LOCATION L0001303      VOLUME    445227.542 3759320.626 195.00  
 LOCATION L0001304      VOLUME    445234.781 3759321.013 195.00  
 LOCATION L0001305      VOLUME    445242.020 3759321.399 195.00  
 LOCATION L0001306      VOLUME    445249.259 3759321.786 195.00  
 LOCATION L0001307      VOLUME    445256.498 3759322.172 195.00  
 LOCATION L0001308      VOLUME    445263.737 3759322.559 195.00  
 LOCATION L0001309      VOLUME    445270.976 3759322.945 195.00  
 LOCATION L0001310      VOLUME    445277.542 3759325.289 195.00  
 LOCATION L0001311      VOLUME    445283.491 3759329.432 195.00  
 LOCATION L0001312      VOLUME    445289.440 3759333.574 195.00  
 LOCATION L0001313      VOLUME    445296.069 3759334.240 195.00  
 LOCATION L0001314      VOLUME    445303.068 3759332.438 195.00  
 LOCATION L0001315      VOLUME    445309.581 3759329.254 195.00  
 LOCATION L0001316      VOLUME    445316.093 3759326.071 195.00  
 LOCATION L0001317      VOLUME    445322.606 3759322.887 195.00  
 LOCATION L0001318      VOLUME    445329.118 3759319.703 195.00  
 LOCATION L0001319      VOLUME    445335.631 3759316.519 195.00  
 LOCATION L0001320      VOLUME    445342.375 3759314.064 195.00  
 LOCATION L0001321      VOLUME    445349.531 3759312.910 195.00  
 LOCATION L0001322      VOLUME    445356.688 3759311.755 195.00  
 LOCATION L0001323      VOLUME    445363.845 3759310.601 195.00  
 LOCATION L0001324      VOLUME    445370.994 3759309.920 195.00  
 LOCATION L0001325      VOLUME    445378.108 3759311.311 195.00  
 LOCATION L0001326      VOLUME    445385.223 3759312.702 195.00  
 LOCATION L0001327      VOLUME    445392.337 3759314.093 195.00  
 LOCATION L0001328      VOLUME    445399.451 3759315.485 195.00  
 LOCATION L0001329      VOLUME    445406.566 3759316.876 195.00  
 LOCATION L0001330      VOLUME    445413.680 3759318.267 195.00  
 LOCATION L0001331      VOLUME    445420.795 3759319.658 195.00  
 LOCATION L0001332      VOLUME    445427.909 3759321.049 195.00  
 LOCATION L0001333      VOLUME    445435.024 3759322.441 195.00  
 LOCATION L0001334      VOLUME    445442.138 3759323.832 195.00  
 LOCATION L0001335      VOLUME    445449.252 3759325.223 195.00  
 LOCATION L0001336      VOLUME    445456.296 3759326.846 195.00  
 LOCATION L0001337      VOLUME    445462.978 3759329.658 195.00  
 LOCATION L0001338      VOLUME    445469.659 3759332.470 195.00  
 LOCATION L0001339      VOLUME    445476.341 3759335.282 195.00  
 LOCATION L0001340      VOLUME    445483.022 3759338.095 195.00

LOCATION	VOLUME				
L0001341	445489.704	3759340.907	195.00		
L0001342	445496.385	3759343.719	195.00		
L0001343	445503.067	3759346.531	195.00		
L0001344	445509.748	3759349.343	195.00		
L0001345	445516.430	3759352.155	195.00		
L0001346	445523.111	3759354.967	195.00		
L0001347	445529.491	3759358.340	195.00		
L0001348	445535.512	3759362.377	195.00		
L0001349	445541.533	3759366.413	195.00		
L0001350	445547.555	3759370.450	195.00		
L0001351	445553.576	3759374.486	195.00		
L0001352	445559.492	3759378.610	195.08		
L0001353	445562.276	3759385.303	195.30		
L0001354	445565.060	3759391.996	195.52		
L0001355	445567.845	3759398.689	195.75		
L0001356	445570.629	3759405.382	195.97		
L0001357	445573.413	3759412.075	196.00		
L0001358	445574.959	3759418.882	196.00		
L0001359	445573.434	3759425.969	196.00		
L0001360	445571.910	3759433.056	196.00		
L0001361	445570.385	3759440.143	196.00		
L0001362	445568.860	3759447.230	196.00		
L0001363	445567.336	3759454.317	196.00		
L0001364	445565.811	3759461.404	196.00		
L0001365	445564.286	3759468.491	196.00		
L0001366	445562.762	3759475.578	196.00		
L0001367	445561.237	3759482.665	196.00		
L0001368	445559.713	3759489.752	196.00		
L0001369	445558.188	3759496.839	196.00		
L0001370	445556.663	3759503.926	196.00		
L0001371	445555.139	3759511.013	196.00		
L0001372	445553.614	3759518.100	196.00		
L0001373	445552.089	3759525.187	196.00		
L0001374	445550.565	3759532.274	196.07		
L0001375	445549.364	3759539.401	196.15		
L0001376	445549.118	3759546.646	196.22		
L0001377	445548.872	3759553.891	196.29		

\*\* End of LINE VOLUME Source ID = RDWAL

\*\*

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.00006669

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

\*\*

LOCATION	VOLUME				
L0001378	445645.846	3759556.460	197.00		
L0001379	445645.846	3759549.203	196.89		
L0001380	445645.846	3759541.946	196.78		
L0001381	445644.074	3759535.054	196.64		
L0001382	445641.205	3759528.389	196.44		
L0001383	445638.336	3759521.723	196.25		
L0001384	445631.932	3759518.366	196.06		

LOCATION	VOLUME				
L0001385	445625.470	3759515.063	196.00		
L0001386	445619.009	3759511.760	196.00		
L0001387	445612.078	3759509.658	196.00		
L0001388	445605.088	3759507.708	196.00		
L0001389	445598.098	3759505.757	196.00		
L0001390	445591.108	3759503.806	196.00		
L0001391	445587.871	3759497.957	196.00		
L0001392	445585.262	3759491.466	196.00		
L0001393	445578.222	3759489.706	196.00		
L0001394	445571.182	3759487.946	196.00		
L0001395	445566.151	3759489.888	196.00		
L0001396	445563.792	3759496.751	196.00		
L0001397	445561.433	3759503.614	196.00		
L0001398	445559.548	3759510.585	196.00		
L0001399	445558.669	3759517.789	196.00		
L0001400	445557.789	3759524.992	196.00		
L0001401	445556.910	3759532.196	196.12		
L0001402	445556.031	3759539.399	196.24		
L0001403	445555.151	3759546.603	196.36		
L0001404	445554.272	3759553.806	196.46		

\*\* End of LINE VOLUME Source ID = RDP A2

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0002517

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION	VOLUME				
L0001405	445542.695	3759552.709	196.10		
L0001406	445543.718	3759545.469	196.09		
L0001407	445544.743	3759538.229	196.07		
L0001408	445545.867	3759531.003	196.03		
L0001409	445546.990	3759523.777	196.00		
L0001410	445548.113	3759516.552	196.00		
L0001411	445549.237	3759509.326	196.00		
L0001412	445550.360	3759502.101	196.00		
L0001413	445551.484	3759494.875	196.00		
L0001414	445552.607	3759487.649	196.00		
L0001415	445548.497	3759484.040	196.00		
L0001416	445541.341	3759482.536	196.00		
L0001417	445534.185	3759481.031	196.00		
L0001418	445527.029	3759479.527	196.00		
L0001419	445519.873	3759478.022	196.00		
L0001420	445512.717	3759476.517	196.00		
L0001421	445505.561	3759475.013	196.00		
L0001422	445498.405	3759473.508	196.00		
L0001423	445491.249	3759472.004	196.00		
L0001424	445484.093	3759470.499	196.00		

LOCATION	L0001425	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0001426	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0001427	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0001428	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0001429	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0001430	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0001431	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0001432	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0001433	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0001434	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0001435	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0001436	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0001437	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0001438	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0001439	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0001440	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0001441	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0001442	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0001443	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0001444	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0001445	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0001446	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0001447	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0001448	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0001449	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0001450	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0001451	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0001452	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0001453	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0001454	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0001455	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0001456	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0001457	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0001458	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0001459	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0001460	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0001461	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0001462	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0001463	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0001464	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0001465	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0001466	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0001467	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0001468	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0001469	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0001470	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0001471	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0001472	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0001473	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0001474	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0001475	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0001476	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0001477	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0001478	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0001479	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0001480	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0001481	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0001482	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0001483	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0001484	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0001485	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0001486	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0001487	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0001488	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0001489	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDP A5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 0.0001673
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
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LOCATION	VOLUME				
L0001490	VOLUME	445226.874	3759313.749	195.00	
L0001491	VOLUME	445234.112	3759313.925	195.00	
L0001492	VOLUME	445241.350	3759314.100	195.00	
L0001493	VOLUME	445248.588	3759314.276	195.00	
L0001494	VOLUME	445255.826	3759314.451	195.00	
L0001495	VOLUME	445263.065	3759314.627	195.00	
L0001496	VOLUME	445270.302	3759314.804	195.00	
L0001497	VOLUME	445277.095	3759317.311	195.00	
L0001498	VOLUME	445283.840	3759319.936	195.00	
L0001499	VOLUME	445290.477	3759322.829	195.00	
L0001500	VOLUME	445297.114	3759325.722	195.00	
L0001501	VOLUME	445303.314	3759322.644	195.00	
L0001502	VOLUME	445309.457	3759318.813	195.00	
L0001503	VOLUME	445306.373	3759312.328	195.00	
L0001504	VOLUME	445301.616	3759308.299	195.00	
L0001505	VOLUME	445294.378	3759308.149	195.00	
L0001506	VOLUME	445287.139	3759307.999	195.00	
L0001507	VOLUME	445279.900	3759307.849	195.00	
L0001508	VOLUME	445272.661	3759307.699	195.00	
L0001509	VOLUME	445269.210	3759303.976	195.00	
L0001510	VOLUME	445269.482	3759296.740	195.00	
L0001511	VOLUME	445269.754	3759289.505	195.00	
L0001512	VOLUME	445270.026	3759282.270	195.00	
L0001513	VOLUME	445270.298	3759275.035	195.00	
L0001514	VOLUME	445270.570	3759267.800	195.00	
L0001515	VOLUME	445270.842	3759260.564	195.00	
L0001516	VOLUME	445276.902	3759261.891	195.00	
L0001517	VOLUME	445283.718	3759264.335	195.00	
L0001518	VOLUME	445290.533	3759266.779	195.00	
L0001519	VOLUME	445297.348	3759269.223	195.00	
L0001520	VOLUME	445304.164	3759271.667	195.00	
L0001521	VOLUME	445309.441	3759275.700	195.00	
L0001522	VOLUME	445312.108	3759282.431	195.00	
L0001523	VOLUME	445312.408	3759289.609	195.00	
L0001524	VOLUME	445312.373	3759296.849	195.00	
L0001525	VOLUME	445312.338	3759304.089	195.00	
L0001526	VOLUME	445312.303	3759311.329	195.00	
L0001527	VOLUME	445312.269	3759318.570	195.00	
L0001528	VOLUME	445309.414	3759323.918	195.00	

LOCATION	VOLUME				
L0001529	445302.728	3759326.696	195.00		
L0001530	445296.042	3759329.473	195.00		
L0001531	445289.744	3759327.731	195.00		
L0001532	445283.629	3759323.853	195.00		
L0001533	445277.495	3759320.022	195.00		
L0001534	445270.476	3759318.245	195.00		
L0001535	445263.257	3759317.983	195.00		
L0001536	445256.017	3759317.877	195.00		
L0001537	445248.778	3759317.771	195.00		
L0001538	445241.538	3759317.664	195.00		
L0001539	445234.299	3759317.558	195.00		
L0001540	445227.059	3759317.452	195.00		

\*\* End of LINE VOLUME Source ID = RDPA5

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARN

\*\* DESCRSRC Total trucks Archibald Ave North

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.0005247

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48

\*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48

\*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48

\*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48

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L0001541	445207.091	3759577.130	196.00		
L0001542	445206.717	3759612.549	196.00		
L0001543	445206.342	3759647.969	196.00		
L0001544	445205.968	3759683.388	196.00		
L0001545	445205.594	3759718.808	196.36		
L0001546	445202.362	3759754.043	196.90		
L0001547	445198.185	3759789.218	197.00		
L0001548	445194.008	3759824.392	197.00		
L0001549	445189.831	3759859.567	197.00		
L0001550	445187.677	3759894.850	197.00		
L0001551	445188.062	3759930.269	197.47		
L0001552	445188.447	3759965.689	198.00		
L0001553	445188.832	3760001.108	198.00		
L0001554	445189.216	3760036.527	198.00		
L0001555	445189.601	3760071.947	198.19		
L0001556	445189.986	3760107.366	199.00		
L0001557	445190.371	3760142.786	199.00		
L0001558	445190.756	3760178.205	199.00		
L0001559	445191.141	3760213.625	199.36		
L0001560	445191.526	3760249.044	200.00		
L0001561	445191.911	3760284.464	200.00		
L0001562	445192.296	3760319.883	200.00		

\*\* End of LINE VOLUME Source ID = RDARN

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.0007572

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	VOLUME				
L0001563	445204.791	3759551.414	196.00		
L0001564	445205.297	3759515.693	196.00		
L0001565	445205.803	3759479.971	195.94		
L0001566	445206.308	3759444.249	195.24		
L0001567	445206.814	3759408.528	195.00		
L0001568	445207.320	3759372.806	195.00		
L0001569	445207.826	3759337.084	195.00		
L0001570	445208.207	3759301.362	195.00		
L0001571	445208.157	3759265.636	194.31		
L0001572	445208.108	3759229.911	194.00		
L0001573	445208.059	3759194.186	194.00		
L0001574	445208.010	3759158.461	193.99		
L0001575	445207.961	3759122.736	193.52		
L0001576	445207.727	3759087.011	193.00		
L0001577	445207.457	3759051.287	193.00		
L0001578	445207.187	3759015.563	193.00		
L0001579	445206.917	3758979.838	192.79		
L0001580	445206.646	3758944.114	192.00		
L0001581	445206.376	3758908.390	192.00		
L0001582	445206.106	3758872.666	192.00		
L0001583	445205.836	3758836.941	192.00		
L0001584	445205.565	3758801.217	191.73		
L0001585	445205.421	3758765.492	191.00		
L0001586	445205.345	3758729.767	191.00		
L0001587	445205.269	3758694.042	191.00		
L0001588	445205.192	3758658.317	190.07		
L0001589	445205.116	3758622.591	190.00		

\*\* End of LINE VOLUME Source ID = RDARS  
\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 9.872E-06  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	VOLUME				
L0001590	445231.515	3759571.834	196.00		
L0001591	445267.255	3759572.195	196.00		
L0001592	445302.994	3759572.557	196.00		
L0001593	445338.734	3759572.919	196.00		
L0001594	445374.473	3759573.280	196.00		
L0001595	445410.213	3759573.642	196.00		
L0001596	445445.952	3759574.003	196.00		
L0001597	445481.691	3759574.365	196.05		
L0001598	445517.431	3759574.727	196.61		
L0001599	445553.170	3759575.088	196.80		
L0001600	445588.910	3759575.450	197.00		
L0001601	445624.649	3759575.812	197.00		
L0001602	445660.389	3759575.875	197.00		
L0001603	445696.129	3759575.578	197.00		
L0001604	445731.869	3759575.281	197.00		
L0001605	445767.609	3759574.984	197.00		
L0001606	445803.349	3759574.687	197.00		
L0001607	445839.089	3759574.390	197.00		
L0001608	445874.829	3759574.092	197.11		



LOCATION	L0001609	VOLUME	445910.569	3759573.795	197.74	
LOCATION	L0001610	VOLUME	445946.310	3759573.604	198.00	
LOCATION	L0001611	VOLUME	445982.051	3759573.507	198.00	
LOCATION	L0001612	VOLUME	446017.792	3759573.410	198.00	
LOCATION	L0001613	VOLUME	446053.533	3759573.313	198.00	
LOCATION	L0001614	VOLUME	446089.274	3759573.216	198.00	
LOCATION	L0001615	VOLUME	446125.016	3759573.119	198.29	
LOCATION	L0001616	VOLUME	446160.757	3759573.022	198.87	
LOCATION	L0001617	VOLUME	446196.498	3759572.925	199.00	
** End of LINE VOLUME Source ID = RDLIM						
LOCATION	TANKLB	POINT	445619.760	3759504.240	196.000	
** DESCRSRC Gas tank loading and tank breathing						
LOCATION	GASRS	VOLUME	445610.000	3759528.435	196.070	
** DESCRSRC Gas station refueling and spillage						
** Source Parameters **						
SRCPARAM	IDWALE	0.00003441	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	0.00003441	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	0.0006503	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	0.00001529	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	0.0001301	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	0.00002294	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	0.0001951	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	0.00002294	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	0.0001951	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	0.00003058	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	0.0003252	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	0.000073	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	0.000073	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	0.0004866	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	0.0004866	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	0.0004866	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	0.0004866	3.658	501.000	50.00000	0.040
** LINE VOLUME Source ID = RDWAL						
SRCPARAM	L0001303	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001304	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001305	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001306	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001307	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001308	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001309	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001310	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001311	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001312	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001313	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001314	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001315	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001316	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001317	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001318	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001319	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001320	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001321	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001322	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001323	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001324	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001325	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001326	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001327	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001328	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001329	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001330	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001331	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001332	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001333	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001334	0.0000113813	3.66	3.37	0.85	
SRCPARAM	L0001335	0.0000113813	3.66	3.37	0.85	









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** LINE VOLUME Source ID = RDLIM
SRCPARAM L0001590      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001591      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001592      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001593      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001594      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001595      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001596      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001597      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001598      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001599      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001600      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001601      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001602      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001603      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001604      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001605      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001606      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001607      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001608      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001609      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001610      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001611      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001612      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001613      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001614      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001615      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001616      0.0000003526      3.66      16.62      0.85
SRCPARAM L0001617      0.0000003526      3.66      16.62      0.85
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SRCPARAM TANKLB          7.73E-08      3.658      294.000      0.00100      0.050
SRCPARAM GASRS          2.99E-07      0.000      3.023      5.000
URBANSRC ALL
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED Benzene.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\rivr8.sfc
  PROFFILE ..\rivr8.PFL
  SURFDATA 0 2008 Riverside 461640.00 3762100.00
  UAIRDATA 3190 2008
  SITEDATA 99999 2008
  PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING

```

```
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST BENZENE.AD\01H1GALL.PLT 31
SUMMFILE Benzene.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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\* AERMOD ( 14134): Eastvale Crossings Benzene 2017-2019

07/16/15

\* AERMET ( 14134):

10:02:18

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	0.41400	197.00	197.00	0.00	1-HR	ALL	1ST		10080219
445738.00000	3759518.00000	0.44911	197.00	197.00	0.00	1-HR	ALL	1ST		12091120
445697.00000	3759435.00000	0.48358	196.00	196.00	0.00	1-HR	ALL	1ST		12091120
445654.00000	3759362.00000	0.55099	195.52	195.52	0.00	1-HR	ALL	1ST		10080319
445627.00000	3759314.00000	0.63136	195.00	195.00	0.00	1-HR	ALL	1ST		10071821
445489.00000	3759232.00000	0.70098	195.00	195.00	0.00	1-HR	ALL	1ST		8062220
445601.00000	3759139.00000	0.40083	194.95	194.95	0.00	1-HR	ALL	1ST		12080621
445402.00000	3759055.00000	0.34369	194.00	194.00	0.00	1-HR	ALL	1ST		10100105
445285.00000	3759024.00000	0.33786	193.00	193.00	0.00	1-HR	ALL	1ST		12030418
445254.00000	3759017.00000	0.35516	193.00	193.00	0.00	1-HR	ALL	1ST		9092220
445159.00000	3759478.00000	0.70974	195.13	195.13	0.00	1-HR	ALL	1ST		12111306
445161.00000	3759538.00000	0.60217	196.00	196.00	0.00	1-HR	ALL	1ST		10093020
445165.00000	3759637.00000	0.44043	196.00	196.00	0.00	1-HR	ALL	1ST		11122404
445576.63000	3759284.79000	0.73875	195.00	195.00	0.00	1-HR	ALL	1ST		10092919
445510.00000	3759259.93000	0.86070	195.00	195.00	0.00	1-HR	ALL	1ST		12071320
445443.37000	3759235.08000	0.70618	194.86	194.86	0.00	1-HR	ALL	1ST		9092319
445376.74000	3759210.22000	0.65064	194.00	194.00	0.00	1-HR	ALL	1ST		10092621
445310.11000	3759185.37000	0.64427	194.00	194.00	0.00	1-HR	ALL	1ST		9090321
445243.47000	3759160.52000	0.57474	194.00	194.00	0.00	1-HR	ALL	1ST		10093023
445638.85000	3759249.69000	0.50737	195.00	195.00	0.00	1-HR	ALL	1ST		10082120
445534.96000	3759193.01000	0.54644	195.00	195.00	0.00	1-HR	ALL	1ST		8102919
445468.33000	3759168.15000	0.51015	195.00	195.00	0.00	1-HR	ALL	1ST		9051722
445401.70000	3759143.30000	0.44713	194.00	194.00	0.00	1-HR	ALL	1ST		10093023
445335.07000	3759118.45000	0.44268	194.00	194.00	0.00	1-HR	ALL	1ST		9092319
445268.44000	3759093.59000	0.42231	193.56	193.56	0.00	1-HR	ALL	1ST		12030418
445663.81000	3759182.77000	0.40381	194.55	194.55	0.00	1-HR	ALL	1ST		12090423
445559.93000	3759126.08000	0.40574	195.00	195.00	0.00	1-HR	ALL	1ST		11082420
445493.30000	3759101.23000	0.39290	194.91	194.91	0.00	1-HR	ALL	1ST		11082620
445426.66000	3759076.37000	0.36133	194.00	194.00	0.00	1-HR	ALL	1ST		9051722
445360.03000	3759051.52000	0.34709	193.19	193.19	0.00	1-HR	ALL	1ST		10100105
445293.40000	3759026.67000	0.33697	193.00	193.00	0.00	1-HR	ALL	1ST		12030418
445701.19000	3759126.45000	0.32492	194.00	194.00	0.00	1-HR	ALL	1ST		12071320
445584.89000	3759059.16000	0.32130	194.43	194.43	0.00	1-HR	ALL	1ST		10020924
445518.26000	3759034.30000	0.31656	193.90	193.90	0.00	1-HR	ALL	1ST		11102120
445451.63000	3759009.45000	0.30291	193.79	193.79	0.00	1-HR	ALL	1ST		9051722
445384.99000	3758984.60000	0.29268	193.00	193.00	0.00	1-HR	ALL	1ST		10100105
445318.36000	3758959.74000	0.28189	193.00	193.00	0.00	1-HR	ALL	1ST		12030418
445723.05000	3759056.87000	0.25982	194.00	194.00	0.00	1-HR	ALL	1ST		8070421
445816.17000	3759136.45000	0.24898	194.23	194.23	0.00	1-HR	ALL	1ST		11011317
445609.85000	3758992.23000	0.26470	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445543.22000	3758967.38000	0.26408	193.32	193.32	0.00	1-HR	ALL	1ST		11102120
445476.59000	3758942.53000	0.25497	193.00	193.00	0.00	1-HR	ALL	1ST		9051722
445409.96000	3758917.67000	0.25286	193.00	193.00	0.00	1-HR	ALL	1ST		10100105
445343.33000	3758892.82000	0.24133	192.00	192.00	0.00	1-HR	ALL	1ST		10021618
445746.15000	3758988.36000	0.21835	194.00	194.00	0.00	1-HR	ALL	1ST		12093021
445835.55000	3759064.75000	0.22123	194.00	194.00	0.00	1-HR	ALL	1ST		12090423
445634.82000	3758925.31000	0.21986	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445568.18000	3758900.46000	0.22484	193.00	193.00	0.00	1-HR	ALL	1ST		11102120
445501.55000	3758875.60000	0.21883	192.82	192.82	0.00	1-HR	ALL	1ST		9090321
445434.92000	3758850.75000	0.21884	192.00	192.00	0.00	1-HR	ALL	1ST		10100105
445368.29000	3758825.89000	0.21028	192.00	192.00	0.00	1-HR	ALL	1ST		10021618
445778.56000	3758927.80000	0.18705	193.00	193.00	0.00	1-HR	ALL	1ST		8102919
445830.71000	3758972.36000	0.18983	193.87	193.87	0.00	1-HR	ALL	1ST		8070421
445935.01000	3759061.48000	0.18411	194.60	194.60	0.00	1-HR	ALL	1ST		12090423
445726.41000	3758883.24000	0.18865	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445659.78000	3758858.38000	0.19027	192.74	192.74	0.00	1-HR	ALL	1ST		11082620
445593.15000	3758833.53000	0.19416	192.00	192.00	0.00	1-HR	ALL	1ST		9051722
445526.52000	3758808.68000	0.18947	192.00	192.00	0.00	1-HR	ALL	1ST		9090321
445459.88000	3758783.82000	0.19254	192.00	192.00	0.00	1-HR	ALL	1ST		10100105
445393.25000	3758758.97000	0.18594	192.00	192.00	0.00	1-HR	ALL	1ST		8091520
445160.95000	3759203.73000	0.63494	194.00	194.00	0.00	1-HR	ALL	1ST		10112602
445152.39000	3759275.22000	0.75086	194.63	194.63	0.00	1-HR	ALL	1ST		11122102
445090.05000	3759212.39000	0.51459	194.00	194.00	0.00	1-HR	ALL	1ST		12122005
445116.72000	3759147.64000	0.45955	193.35	193.35	0.00	1-HR	ALL	1ST		9082721
445199.25000	3759104.43000	0.44011	193.00	193.00	0.00	1-HR	ALL	1ST		9122817
445081.49000	3759283.89000	0.55672	194.00	194.00	0.00	1-HR	ALL	1ST		11122102



445019.14000	3759221.05000	0.41721	193.83	193.83	0.00	1-HR	ALL	1ST	12020405
445045.82000	3759156.30000	0.39957	193.00	193.00	0.00	1-HR	ALL	1ST	10112602
445072.49000	3759091.55000	0.36113	193.00	193.00	0.00	1-HR	ALL	1ST	9092221
445155.02000	3759048.34000	0.37838	193.00	193.00	0.00	1-HR	ALL	1ST	8102223
445224.21000	3759037.50000	0.36634	193.00	193.00	0.00	1-HR	ALL	1ST	10092621
445010.59000	3759292.55000	0.43532	194.00	194.00	0.00	1-HR	ALL	1ST	11012405
444948.24000	3759229.72000	0.34102	193.03	193.03	0.00	1-HR	ALL	1ST	11122102
444974.92000	3759164.96000	0.33755	193.00	193.00	0.00	1-HR	ALL	1ST	12020405
445001.59000	3759100.21000	0.31605	192.81	192.81	0.00	1-HR	ALL	1ST	10112602
445028.27000	3759035.46000	0.29319	192.00	192.00	0.00	1-HR	ALL	1ST	9092221
445110.79000	3758992.25000	0.30084	192.00	192.00	0.00	1-HR	ALL	1ST	8102223
445179.98000	3758981.41000	0.34343	192.84	192.84	0.00	1-HR	ALL	1ST	9122817
445249.17000	3758970.58000	0.32642	193.00	193.00	0.00	1-HR	ALL	1ST	9092220
444939.68000	3759301.21000	0.35201	194.00	194.00	0.00	1-HR	ALL	1ST	11012405
444878.82000	3759234.78000	0.28347	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444982.56000	3758982.96000	0.24737	192.00	192.00	0.00	1-HR	ALL	1ST	9092221
445035.82000	3758940.97000	0.24548	192.00	192.00	0.00	1-HR	ALL	1ST	9092222
445266.45000	3758904.86000	0.27145	192.00	192.00	0.00	1-HR	ALL	1ST	10093023
444868.78000	3759309.88000	0.28558	193.51	193.51	0.00	1-HR	ALL	1ST	11012405
444807.65000	3759244.10000	0.23931	193.00	193.00	0.00	1-HR	ALL	1ST	12040703
444836.75000	3759173.46000	0.24244	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444865.85000	3759102.82000	0.24027	192.00	192.00	0.00	1-HR	ALL	1ST	12122005
444894.95000	3759032.18000	0.23113	192.00	192.00	0.00	1-HR	ALL	1ST	10112602
444938.60000	3758926.22000	0.21050	191.00	191.00	0.00	1-HR	ALL	1ST	10010201
445066.37000	3758873.17000	0.21983	191.41	191.41	0.00	1-HR	ALL	1ST	8102223
445141.85000	3758861.35000	0.25582	191.96	191.96	0.00	1-HR	ALL	1ST	9122817
445217.33000	3758849.53000	0.25470	192.00	192.00	0.00	1-HR	ALL	1ST	11012224
445292.81000	3758837.71000	0.22751	192.00	192.00	0.00	1-HR	ALL	1ST	9062804
444797.88000	3759318.54000	0.23857	193.02	193.02	0.00	1-HR	ALL	1ST	12122001
444736.56000	3759253.22000	0.20650	193.00	193.00	0.00	1-HR	ALL	1ST	11012405
444765.29000	3759183.48000	0.21443	192.66	192.66	0.00	1-HR	ALL	1ST	11122102
444794.02000	3759113.75000	0.21534	192.00	192.00	0.00	1-HR	ALL	1ST	12020405
444822.75000	3759044.01000	0.21108	192.00	192.00	0.00	1-HR	ALL	1ST	12122005
444851.47000	3758974.28000	0.19414	191.60	191.60	0.00	1-HR	ALL	1ST	8110707
444894.56000	3758869.68000	0.18381	191.00	191.00	0.00	1-HR	ALL	1ST	10010201
444983.44000	3758823.14000	0.18493	191.00	191.00	0.00	1-HR	ALL	1ST	8102223
445095.21000	3758805.64000	0.20833	191.00	191.00	0.00	1-HR	ALL	1ST	9122817
445169.72000	3758793.97000	0.24209	191.00	191.00	0.00	1-HR	ALL	1ST	10092621
445244.23000	3758782.30000	0.24130	191.33	191.33	0.00	1-HR	ALL	1ST	10093023
445318.74000	3758770.64000	0.19614	191.81	191.81	0.00	1-HR	ALL	1ST	10040523
444726.98000	3759327.20000	0.20618	193.00	193.00	0.00	1-HR	ALL	1ST	12122001
445153.76000	3759411.17000	0.82961	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
445082.34000	3759412.11000	0.57669	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
445010.91000	3759413.05000	0.42591	194.52	194.52	0.00	1-HR	ALL	1ST	8082324
444939.49000	3759413.99000	0.33885	194.00	194.00	0.00	1-HR	ALL	1ST	12122024
444868.07000	3759414.93000	0.28125	194.00	194.00	0.00	1-HR	ALL	1ST	12122024
444796.65000	3759415.87000	0.23784	194.00	194.00	0.00	1-HR	ALL	1ST	12122024
444725.22000	3759416.81000	0.20418	193.91	193.91	0.00	1-HR	ALL	1ST	12122024
445163.44000	3759485.88000	0.69358	195.31	195.31	0.00	1-HR	ALL	1ST	12111306
445092.67000	3759495.57000	0.52102	195.00	195.00	0.00	1-HR	ALL	1ST	11011206
445021.90000	3759505.25000	0.40371	195.00	195.00	0.00	1-HR	ALL	1ST	10112601
444951.14000	3759514.94000	0.32446	195.00	195.00	0.00	1-HR	ALL	1ST	12121823
444880.37000	3759524.63000	0.26639	194.95	194.95	0.00	1-HR	ALL	1ST	12111201
444809.60000	3759534.32000	0.22717	194.27	194.27	0.00	1-HR	ALL	1ST	12111201
444738.83000	3759544.01000	0.19539	194.00	194.00	0.00	1-HR	ALL	1ST	12111201
445179.43000	3759583.67000	0.52741	196.00	196.00	0.00	1-HR	ALL	1ST	11122404
445129.30000	3759634.56000	0.40487	196.00	196.00	0.00	1-HR	ALL	1ST	11120502
445102.68000	3759571.81000	0.42462	195.23	195.23	0.00	1-HR	ALL	1ST	11011705
445078.70000	3759684.30000	0.32117	196.00	196.00	0.00	1-HR	ALL	1ST	11120502
445049.65000	3759615.85000	0.32767	195.00	195.00	0.00	1-HR	ALL	1ST	9103122
445028.70000	3759735.49000	0.26719	196.00	196.00	0.00	1-HR	ALL	1ST	10093020
445000.30000	3759668.57000	0.27548	195.74	195.74	0.00	1-HR	ALL	1ST	9103122
444971.90000	3759601.64000	0.29703	195.00	195.00	0.00	1-HR	ALL	1ST	11011206
444978.65000	3759786.56000	0.22837	196.00	196.00	0.00	1-HR	ALL	1ST	11011705
444950.62000	3759720.51000	0.24057	196.00	196.00	0.00	1-HR	ALL	1ST	9103122
444922.60000	3759654.46000	0.24432	195.00	195.00	0.00	1-HR	ALL	1ST	12111306
444928.32000	3759836.96000	0.20860	196.36	196.36	0.00	1-HR	ALL	1ST	11011705
444899.28000	3759768.52000	0.20683	196.00	196.00	0.00	1-HR	ALL	1ST	9103122
444870.23000	3759700.07000	0.21839	195.79	195.79	0.00	1-HR	ALL	1ST	12111306
444841.18000	3759631.62000	0.21887	195.00	195.00	0.00	1-HR	ALL	1ST	12030801
444878.27000	3759888.03000	0.19653	197.00	197.00	0.00	1-HR	ALL	1ST	11011705
444849.60000	3759820.46000	0.17982	196.00	196.00	0.00	1-HR	ALL	1ST	9103122
444820.92000	3759752.89000	0.19596	196.00	196.00	0.00	1-HR	ALL	1ST	12111306
444792.25000	3759685.32000	0.18731	195.00	195.00	0.00	1-HR	ALL	1ST	12030801

444763.58000	3759617.75000	0.19276	195.00	195.00	0.00	1-HR	ALL	1ST	12121823
445245.84000	3759627.28000	0.45015	196.00	196.00	0.00	1-HR	ALL	1ST	8092420
445315.15000	3759627.01000	0.39701	196.00	196.00	0.00	1-HR	ALL	1ST	12081105
445384.46000	3759626.74000	0.37770	196.35	196.35	0.00	1-HR	ALL	1ST	8071522
445195.71000	3759678.17000	0.37452	196.00	196.00	0.00	1-HR	ALL	1ST	12092719
445315.43000	3759698.44000	0.35720	197.00	197.00	0.00	1-HR	ALL	1ST	8102920
445384.74000	3759698.17000	0.33365	197.00	197.00	0.00	1-HR	ALL	1ST	12081105
445195.99000	3759749.59000	0.34075	196.75	196.75	0.00	1-HR	ALL	1ST	9070124
445315.70000	3759769.86000	0.30135	197.00	197.00	0.00	1-HR	ALL	1ST	8101502
445385.01000	3759769.59000	0.29282	197.00	197.00	0.00	1-HR	ALL	1ST	12081105
445196.27000	3759821.02000	0.30425	197.00	197.00	0.00	1-HR	ALL	1ST	9070124
445095.46000	3759779.94000	0.28820	196.46	196.46	0.00	1-HR	ALL	1ST	11122404
445315.98000	3759841.29000	0.26418	197.00	197.00	0.00	1-HR	ALL	1ST	8101502
445385.29000	3759841.02000	0.26628	197.42	197.42	0.00	1-HR	ALL	1ST	8102920
445120.94000	3759861.64000	0.27186	197.00	197.00	0.00	1-HR	ALL	1ST	12092719
445246.95000	3759912.99000	0.26521	197.22	197.22	0.00	1-HR	ALL	1ST	8092420
445316.26000	3759912.72000	0.25293	197.95	197.95	0.00	1-HR	ALL	1ST	12082820
445385.57000	3759912.45000	0.24649	198.00	198.00	0.00	1-HR	ALL	1ST	8102920
445186.75000	3759959.77000	0.26328	198.00	198.00	0.00	1-HR	ALL	1ST	12011305
445065.78000	3759910.47000	0.23321	197.00	197.00	0.00	1-HR	ALL	1ST	11122404
445316.54000	3759984.15000	0.22828	198.00	198.00	0.00	1-HR	ALL	1ST	12082820
445385.85000	3759983.88000	0.22182	198.00	198.00	0.00	1-HR	ALL	1ST	8102920
445188.70000	3760031.88000	0.24321	198.00	198.00	0.00	1-HR	ALL	1ST	12011305
445071.10000	3759983.95000	0.22318	198.00	198.00	0.00	1-HR	ALL	1ST	12092719
444953.49000	3759936.03000	0.19838	197.00	197.00	0.00	1-HR	ALL	1ST	11120502
445316.82000	3760055.58000	0.21702	198.64	198.64	0.00	1-HR	ALL	1ST	12082820
445386.13000	3760055.31000	0.21352	199.00	199.00	0.00	1-HR	ALL	1ST	8102920
445455.87000	3759625.89000	0.38217	197.00	197.00	0.00	1-HR	ALL	1ST	8063020
445526.71000	3759625.04000	0.40315	197.00	197.00	0.00	1-HR	ALL	1ST	8091519
445456.72000	3759697.31000	0.32598	197.00	197.00	0.00	1-HR	ALL	1ST	8063020
445527.56000	3759696.47000	0.32672	197.00	197.00	0.00	1-HR	ALL	1ST	8091519
445457.58000	3759768.74000	0.28445	197.02	197.02	0.00	1-HR	ALL	1ST	9070424
445528.42000	3759767.89000	0.29276	197.65	197.65	0.00	1-HR	ALL	1ST	8071522
445458.43000	3759840.16000	0.26556	198.00	198.00	0.00	1-HR	ALL	1ST	9070424
445529.27000	3759839.31000	0.26314	198.00	198.00	0.00	1-HR	ALL	1ST	8071522
445459.28000	3759911.58000	0.23907	198.00	198.00	0.00	1-HR	ALL	1ST	12081105
445530.12000	3759910.74000	0.23471	198.00	198.00	0.00	1-HR	ALL	1ST	10100106
445460.13000	3759983.01000	0.22454	198.50	198.50	0.00	1-HR	ALL	1ST	12081105
445530.97000	3759982.16000	0.22584	199.00	199.00	0.00	1-HR	ALL	1ST	9070424
445460.98000	3760054.43000	0.21045	199.00	199.00	0.00	1-HR	ALL	1ST	12081105
445531.82000	3760053.58000	0.21131	199.43	199.43	0.00	1-HR	ALL	1ST	9070424
445621.39000	3759629.57000	0.51330	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445621.14000	3759701.00000	0.35929	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445620.90000	3759772.42000	0.30809	198.00	198.00	0.00	1-HR	ALL	1ST	8091519
445620.65000	3759843.85000	0.26690	198.00	198.00	0.00	1-HR	ALL	1ST	8091519
445620.41000	3759915.28000	0.24881	198.99	198.99	0.00	1-HR	ALL	1ST	8071522
445620.16000	3759986.71000	0.22635	199.00	199.00	0.00	1-HR	ALL	1ST	8071522
445619.92000	3760058.14000	0.21413	200.00	200.00	0.00	1-HR	ALL	1ST	8071522
445730.13000	3759558.82000	0.49171	197.00	197.00	0.00	1-HR	ALL	1ST	10080219
445701.29000	3759471.56000	0.45617	196.07	196.07	0.00	1-HR	ALL	1ST	12091120
445643.02000	3759368.26000	0.60227	195.73	195.73	0.00	1-HR	ALL	1ST	8082820
445750.20000	3759654.09000	0.42002	197.28	197.28	0.00	1-HR	ALL	1ST	12080620
445792.63000	3759488.11000	0.38327	196.85	196.85	0.00	1-HR	ALL	1ST	12091120
445734.36000	3759384.82000	0.41814	196.00	196.00	0.00	1-HR	ALL	1ST	9070920
445853.96000	3759559.85000	0.33188	197.00	197.00	0.00	1-HR	ALL	1ST	12091120
445806.67000	3759693.16000	0.36396	198.00	198.00	0.00	1-HR	ALL	1ST	12081020
445713.87000	3759746.11000	0.35081	198.00	198.00	0.00	1-HR	ALL	1ST	12090821
445854.85000	3759453.02000	0.32464	197.00	197.00	0.00	1-HR	ALL	1ST	10081920
445796.58000	3759349.72000	0.34730	196.00	196.00	0.00	1-HR	ALL	1ST	10080319
445738.31000	3759246.43000	0.35566	195.00	195.00	0.00	1-HR	ALL	1ST	8081421
445916.11000	3759531.88000	0.29457	197.10	197.10	0.00	1-HR	ALL	1ST	12091120
445915.16000	3759645.84000	0.29972	198.00	198.00	0.00	1-HR	ALL	1ST	8070823
445865.19000	3759731.05000	0.30774	198.00	198.00	0.00	1-HR	ALL	1ST	12081020
445716.72000	3759815.77000	0.29389	198.00	198.00	0.00	1-HR	ALL	1ST	12091320
445917.06000	3759417.92000	0.28176	197.00	197.00	0.00	1-HR	ALL	1ST	8082820
445858.79000	3759314.63000	0.28916	195.98	195.98	0.00	1-HR	ALL	1ST	10071821
445800.52000	3759211.33000	0.28206	195.00	195.00	0.00	1-HR	ALL	1ST	10082120
445978.42000	3759484.57000	0.24974	197.00	197.00	0.00	1-HR	ALL	1ST	11020304
445977.57000	3759586.32000	0.27707	198.00	198.00	0.00	1-HR	ALL	1ST	12091120
445976.72000	3759688.07000	0.26099	198.23	198.23	0.00	1-HR	ALL	1ST	8070823
445932.11000	3759764.16000	0.28543	199.00	199.00	0.00	1-HR	ALL	1ST	12081020
445843.74000	3759814.58000	0.28681	199.00	199.00	0.00	1-HR	ALL	1ST	8080720
445711.17000	3759890.23000	0.26528	199.00	199.00	0.00	1-HR	ALL	1ST	9042121
445979.27000	3759382.83000	0.25144	197.00	197.00	0.00	1-HR	ALL	1ST	10080319

445921.00000	3759279.53000	0.24793	195.94	195.94	0.00	1-HR	ALL	1ST	10071821
446040.59000	3759454.57000	0.23119	197.43	197.43	0.00	1-HR	ALL	1ST	9070920
446039.26000	3759614.82000	0.24426	198.00	198.00	0.00	1-HR	ALL	1ST	12091120
446038.36000	3759721.65000	0.24212	199.00	199.00	0.00	1-HR	ALL	1ST	8072920
445991.52000	3759801.55000	0.25129	199.01	199.01	0.00	1-HR	ALL	1ST	12081020
445898.73000	3759854.50000	0.25570	199.00	199.00	0.00	1-HR	ALL	1ST	8080720
445805.93000	3759907.44000	0.25320	199.00	199.00	0.00	1-HR	ALL	1ST	12090821
445713.14000	3759960.39000	0.23357	199.00	199.00	0.00	1-HR	ALL	1ST	9061822
446041.48000	3759347.73000	0.22210	197.00	197.00	0.00	1-HR	ALL	1ST	10082619
445983.21000	3759244.44000	0.21012	196.00	196.00	0.00	1-HR	ALL	1ST	10071821
445924.94000	3759141.14000	0.19819	195.00	195.00	0.00	1-HR	ALL	1ST	11070120
446102.77000	3759423.43000	0.20816	197.45	197.45	0.00	1-HR	ALL	1ST	8082820
446101.85000	3759534.22000	0.22009	198.00	198.00	0.00	1-HR	ALL	1ST	10081920
446100.92000	3759645.01000	0.23127	198.99	198.99	0.00	1-HR	ALL	1ST	8082420
446100.00000	3759755.80000	0.22290	199.45	199.45	0.00	1-HR	ALL	1ST	8072920
446051.42000	3759838.66000	0.23570	200.00	200.00	0.00	1-HR	ALL	1ST	12081020
445955.19000	3759893.57000	0.26785	200.21	200.21	0.00	1-HR	ALL	1ST	8080720
445810.84000	3759975.93000	0.23944	200.00	200.00	0.00	1-HR	ALL	1ST	12091320
445714.61000	3760030.84000	0.21889	200.00	200.00	0.00	1-HR	ALL	1ST	8091519
446103.70000	3759312.64000	0.19702	197.00	197.00	0.00	1-HR	ALL	1ST	10071821
446045.43000	3759209.34000	0.18355	196.00	196.00	0.00	1-HR	ALL	1ST	10103117
445987.16000	3759106.05000	0.17219	195.00	195.00	0.00	1-HR	ALL	1ST	11070120
445668.21000	3759558.30000	0.71501	197.00	197.00	0.00	1-HR	ALL	1ST	12081020
445551.67000	3759351.71000	1.08284	195.00	195.00	0.00	1-HR	ALL	1ST	8082820
445218.51000	3759227.44000	0.78109	194.01	194.01	0.00	1-HR	ALL	1ST	9092221
445223.29000	3759266.56000	1.01091	194.65	194.65	0.00	1-HR	ALL	1ST	12020405
445225.18000	3759410.23000	0.92080	195.07	195.07	0.00	1-HR	ALL	1ST	11122404
445234.21000	3759476.19000	0.90196	196.00	196.00	0.00	1-HR	ALL	1ST	10110417
445234.88000	3759545.33000	0.62159	196.00	196.00	0.00	1-HR	ALL	1ST	8092420
445245.56000	3759555.85000	0.59695	196.00	196.00	0.00	1-HR	ALL	1ST	8092420
445384.18000	3759555.31000	0.44912	196.00	196.00	0.00	1-HR	ALL	1ST	12091320
445525.86000	3759553.62000	0.59611	196.00	196.00	0.00	1-HR	ALL	1ST	8092921
445575.06000	3759557.98000	0.64438	197.00	197.00	0.00	1-HR	ALL	1ST	8061520

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix G:  
AERMOD CO Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\CO\CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Eastvale Crossings CO 2017
  TITLETWO All CO Emissions
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 2100516 Riverside_County
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL CO.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+axle truck idling Parcel 4
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDWAL
** DESCRSRC Total onsite truck Route Walmart
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 0.0002589

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** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 12
** 445225.716, 3759320.529, 195.00, 3.66, 3.37
** 445274.443, 3759323.130, 195.00, 3.66, 3.37
** 445291.786, 3759335.207, 195.00, 3.66, 3.37
** 445302.222, 3759332.852, 195.00, 3.66, 3.37
** 445339.805, 3759314.479, 195.00, 3.66, 3.37
** 445369.671, 3759309.661, 195.00, 3.66, 3.37
** 445455.206, 3759326.387, 195.00, 3.66, 3.37
** 445526.732, 3759356.491, 195.00, 3.66, 3.37
** 445559.401, 3759378.391, 195.00, 3.66, 3.37
** 445575.397, 3759416.844, 195.95, 3.66, 3.37
** 445549.426, 3759537.569, 196.00, 3.66, 3.37
** 445548.811, 3759555.719, 196.14, 3.66, 3.37

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LOCATION L0002746      VOLUME  445227.542 3759320.626 195.00
LOCATION L0002747      VOLUME  445234.781 3759321.013 195.00
LOCATION L0002748      VOLUME  445242.020 3759321.399 195.00
LOCATION L0002749      VOLUME  445249.259 3759321.786 195.00
LOCATION L0002750      VOLUME  445256.498 3759322.172 195.00
LOCATION L0002751      VOLUME  445263.737 3759322.559 195.00
LOCATION L0002752      VOLUME  445270.976 3759322.945 195.00
LOCATION L0002753      VOLUME  445277.542 3759325.289 195.00
LOCATION L0002754      VOLUME  445283.491 3759329.432 195.00
LOCATION L0002755      VOLUME  445289.440 3759333.574 195.00
LOCATION L0002756      VOLUME  445296.069 3759334.240 195.00
LOCATION L0002757      VOLUME  445303.068 3759332.438 195.00
LOCATION L0002758      VOLUME  445309.581 3759329.254 195.00
LOCATION L0002759      VOLUME  445316.093 3759326.071 195.00
LOCATION L0002760      VOLUME  445322.606 3759322.887 195.00
LOCATION L0002761      VOLUME  445329.118 3759319.703 195.00
LOCATION L0002762      VOLUME  445335.631 3759316.519 195.00
LOCATION L0002763      VOLUME  445342.375 3759314.064 195.00
LOCATION L0002764      VOLUME  445349.531 3759312.910 195.00
LOCATION L0002765      VOLUME  445356.688 3759311.755 195.00
LOCATION L0002766      VOLUME  445363.845 3759310.601 195.00
LOCATION L0002767      VOLUME  445370.994 3759309.920 195.00
LOCATION L0002768      VOLUME  445378.108 3759311.311 195.00
LOCATION L0002769      VOLUME  445385.223 3759312.702 195.00
LOCATION L0002770      VOLUME  445392.337 3759314.093 195.00
LOCATION L0002771      VOLUME  445399.451 3759315.485 195.00
LOCATION L0002772      VOLUME  445406.566 3759316.876 195.00
LOCATION L0002773      VOLUME  445413.680 3759318.267 195.00
LOCATION L0002774      VOLUME  445420.795 3759319.658 195.00
LOCATION L0002775      VOLUME  445427.909 3759321.049 195.00
LOCATION L0002776      VOLUME  445435.024 3759322.441 195.00
LOCATION L0002777      VOLUME  445442.138 3759323.832 195.00
LOCATION L0002778      VOLUME  445449.252 3759325.223 195.00
LOCATION L0002779      VOLUME  445456.296 3759326.846 195.00
LOCATION L0002780      VOLUME  445462.978 3759329.658 195.00
LOCATION L0002781      VOLUME  445469.659 3759332.470 195.00
LOCATION L0002782      VOLUME  445476.341 3759335.282 195.00
LOCATION L0002783      VOLUME  445483.022 3759338.095 195.00
LOCATION L0002784      VOLUME  445489.704 3759340.907 195.00
LOCATION L0002785      VOLUME  445496.385 3759343.719 195.00
LOCATION L0002786      VOLUME  445503.067 3759346.531 195.00
LOCATION L0002787      VOLUME  445509.748 3759349.343 195.00
LOCATION L0002788      VOLUME  445516.430 3759352.155 195.00
LOCATION L0002789      VOLUME  445523.111 3759354.967 195.00
LOCATION L0002790      VOLUME  445529.491 3759358.340 195.00
LOCATION L0002791      VOLUME  445535.512 3759362.377 195.00
LOCATION L0002792      VOLUME  445541.533 3759366.413 195.00
LOCATION L0002793      VOLUME  445547.555 3759370.450 195.00
LOCATION L0002794      VOLUME  445553.576 3759374.486 195.00
LOCATION L0002795      VOLUME  445559.492 3759378.610 195.08

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LOCATION L0002796	VOLUME	445562.276	3759385.303	195.30
LOCATION L0002797	VOLUME	445565.060	3759391.996	195.52
LOCATION L0002798	VOLUME	445567.845	3759398.689	195.75
LOCATION L0002799	VOLUME	445570.629	3759405.382	195.97
LOCATION L0002800	VOLUME	445573.413	3759412.075	196.00
LOCATION L0002801	VOLUME	445574.959	3759418.882	196.00
LOCATION L0002802	VOLUME	445573.434	3759425.969	196.00
LOCATION L0002803	VOLUME	445571.910	3759433.056	196.00
LOCATION L0002804	VOLUME	445570.385	3759440.143	196.00
LOCATION L0002805	VOLUME	445568.860	3759447.230	196.00
LOCATION L0002806	VOLUME	445567.336	3759454.317	196.00
LOCATION L0002807	VOLUME	445565.811	3759461.404	196.00
LOCATION L0002808	VOLUME	445564.286	3759468.491	196.00
LOCATION L0002809	VOLUME	445562.762	3759475.578	196.00
LOCATION L0002810	VOLUME	445561.237	3759482.665	196.00
LOCATION L0002811	VOLUME	445559.713	3759489.752	196.00
LOCATION L0002812	VOLUME	445558.188	3759496.839	196.00
LOCATION L0002813	VOLUME	445556.663	3759503.926	196.00
LOCATION L0002814	VOLUME	445555.139	3759511.013	196.00
LOCATION L0002815	VOLUME	445553.614	3759518.100	196.00
LOCATION L0002816	VOLUME	445552.089	3759525.187	196.00
LOCATION L0002817	VOLUME	445550.565	3759532.274	196.07
LOCATION L0002818	VOLUME	445549.364	3759539.401	196.15
LOCATION L0002819	VOLUME	445549.118	3759546.646	196.22
LOCATION L0002820	VOLUME	445548.872	3759553.891	196.29

\*\* End of LINE VOLUME Source ID = RDWAL

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.00001956

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

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LOCATION L0002821	VOLUME	445645.846	3759556.460	197.00
LOCATION L0002822	VOLUME	445645.846	3759549.203	196.89
LOCATION L0002823	VOLUME	445645.846	3759541.946	196.78
LOCATION L0002824	VOLUME	445644.074	3759535.054	196.64
LOCATION L0002825	VOLUME	445641.205	3759528.389	196.44
LOCATION L0002826	VOLUME	445638.336	3759521.723	196.25
LOCATION L0002827	VOLUME	445631.932	3759518.366	196.06
LOCATION L0002828	VOLUME	445625.470	3759515.063	196.00
LOCATION L0002829	VOLUME	445619.009	3759511.760	196.00
LOCATION L0002830	VOLUME	445612.078	3759509.658	196.00
LOCATION L0002831	VOLUME	445605.088	3759507.708	196.00
LOCATION L0002832	VOLUME	445598.098	3759505.757	196.00
LOCATION L0002833	VOLUME	445591.108	3759503.806	196.00
LOCATION L0002834	VOLUME	445587.871	3759497.957	196.00
LOCATION L0002835	VOLUME	445585.262	3759491.466	196.00
LOCATION L0002836	VOLUME	445578.222	3759489.706	196.00
LOCATION L0002837	VOLUME	445571.182	3759487.946	196.00
LOCATION L0002838	VOLUME	445566.151	3759489.888	196.00
LOCATION L0002839	VOLUME	445563.792	3759496.751	196.00

LOCATION L0002840	VOLUME	445561.433	3759503.614	196.00
LOCATION L0002841	VOLUME	445559.548	3759510.585	196.00
LOCATION L0002842	VOLUME	445558.669	3759517.789	196.00
LOCATION L0002843	VOLUME	445557.789	3759524.992	196.00
LOCATION L0002844	VOLUME	445556.910	3759532.196	196.12
LOCATION L0002845	VOLUME	445556.031	3759539.399	196.24
LOCATION L0002846	VOLUME	445555.151	3759546.603	196.36
LOCATION L0002847	VOLUME	445554.272	3759553.806	196.46

\*\* End of LINE VOLUME Source ID = RDPA2

-----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDPA34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.00006284

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION L0002848	VOLUME	445542.695	3759552.709	196.10
LOCATION L0002849	VOLUME	445543.718	3759545.469	196.09
LOCATION L0002850	VOLUME	445544.743	3759538.229	196.07
LOCATION L0002851	VOLUME	445545.867	3759531.003	196.03
LOCATION L0002852	VOLUME	445546.990	3759523.777	196.00
LOCATION L0002853	VOLUME	445548.113	3759516.552	196.00
LOCATION L0002854	VOLUME	445549.237	3759509.326	196.00
LOCATION L0002855	VOLUME	445550.360	3759502.101	196.00
LOCATION L0002856	VOLUME	445551.484	3759494.875	196.00
LOCATION L0002857	VOLUME	445552.607	3759487.649	196.00
LOCATION L0002858	VOLUME	445548.497	3759484.040	196.00
LOCATION L0002859	VOLUME	445541.341	3759482.536	196.00
LOCATION L0002860	VOLUME	445534.185	3759481.031	196.00
LOCATION L0002861	VOLUME	445527.029	3759479.527	196.00
LOCATION L0002862	VOLUME	445519.873	3759478.022	196.00
LOCATION L0002863	VOLUME	445512.717	3759476.517	196.00
LOCATION L0002864	VOLUME	445505.561	3759475.013	196.00
LOCATION L0002865	VOLUME	445498.405	3759473.508	196.00
LOCATION L0002866	VOLUME	445491.249	3759472.004	196.00
LOCATION L0002867	VOLUME	445484.093	3759470.499	196.00
LOCATION L0002868	VOLUME	445476.937	3759468.995	196.00
LOCATION L0002869	VOLUME	445469.781	3759467.490	196.00
LOCATION L0002870	VOLUME	445462.625	3759465.985	196.00
LOCATION L0002871	VOLUME	445455.470	3759464.481	196.00
LOCATION L0002872	VOLUME	445448.314	3759462.976	196.00
LOCATION L0002873	VOLUME	445441.158	3759461.472	196.00
LOCATION L0002874	VOLUME	445434.002	3759459.967	196.00
LOCATION L0002875	VOLUME	445426.846	3759458.463	196.00
LOCATION L0002876	VOLUME	445419.690	3759456.958	196.00
LOCATION L0002877	VOLUME	445412.534	3759455.453	196.00
LOCATION L0002878	VOLUME	445405.378	3759453.949	196.00
LOCATION L0002879	VOLUME	445398.222	3759452.444	196.00

LOCATION	VOLUME				
LOCATION L0002880	VOLUME	445391.066	3759450.940	196.00	
LOCATION L0002881	VOLUME	445383.910	3759449.435	196.00	
LOCATION L0002882	VOLUME	445376.754	3759447.931	196.00	
LOCATION L0002883	VOLUME	445369.598	3759446.426	196.00	
LOCATION L0002884	VOLUME	445362.442	3759444.921	196.00	
LOCATION L0002885	VOLUME	445355.286	3759443.417	196.00	
LOCATION L0002886	VOLUME	445348.130	3759441.912	196.00	
LOCATION L0002887	VOLUME	445340.975	3759440.408	196.00	
LOCATION L0002888	VOLUME	445333.819	3759438.903	196.00	
LOCATION L0002889	VOLUME	445326.663	3759437.399	196.00	
LOCATION L0002890	VOLUME	445319.507	3759435.894	195.99	
LOCATION L0002891	VOLUME	445312.351	3759434.389	195.94	
LOCATION L0002892	VOLUME	445305.195	3759432.885	195.89	
LOCATION L0002893	VOLUME	445298.039	3759431.380	195.84	
LOCATION L0002894	VOLUME	445290.883	3759429.876	195.79	
LOCATION L0002895	VOLUME	445283.727	3759428.371	195.74	
LOCATION L0002896	VOLUME	445276.487	3759427.497	195.71	
LOCATION L0002897	VOLUME	445269.187	3759427.067	195.69	
LOCATION L0002898	VOLUME	445264.970	3759423.635	195.58	
LOCATION L0002899	VOLUME	445264.731	3759416.327	195.34	
LOCATION L0002900	VOLUME	445264.493	3759409.018	195.09	
LOCATION L0002901	VOLUME	445264.255	3759401.710	195.00	
LOCATION L0002902	VOLUME	445264.017	3759394.401	195.00	
LOCATION L0002903	VOLUME	445263.779	3759387.092	195.00	
LOCATION L0002904	VOLUME	445260.826	3759382.536	195.00	
LOCATION L0002905	VOLUME	445253.515	3759382.396	195.00	
LOCATION L0002906	VOLUME	445246.204	3759382.256	195.00	
LOCATION L0002907	VOLUME	445238.893	3759382.117	195.00	
LOCATION L0002908	VOLUME	445233.833	3759379.640	195.00	
LOCATION L0002909	VOLUME	445233.418	3759372.339	195.00	
LOCATION L0002910	VOLUME	445233.381	3759365.395	195.00	
LOCATION L0002911	VOLUME	445240.694	3759365.374	195.00	
LOCATION L0002912	VOLUME	445248.006	3759365.354	195.00	
LOCATION L0002913	VOLUME	445255.318	3759365.333	195.00	
LOCATION L0002914	VOLUME	445262.631	3759365.313	195.00	
LOCATION L0002915	VOLUME	445269.943	3759365.292	195.00	
LOCATION L0002916	VOLUME	445277.255	3759365.272	195.00	
LOCATION L0002917	VOLUME	445284.568	3759365.251	195.00	
LOCATION L0002918	VOLUME	445291.880	3759365.231	195.00	
LOCATION L0002919	VOLUME	445299.193	3759365.210	195.00	
LOCATION L0002920	VOLUME	445298.515	3759359.506	195.00	
LOCATION L0002921	VOLUME	445296.135	3759352.592	195.00	
LOCATION L0002922	VOLUME	445293.671	3759345.730	195.00	
LOCATION L0002923	VOLUME	445288.565	3759340.495	195.00	
LOCATION L0002924	VOLUME	445283.460	3759335.260	195.00	
LOCATION L0002925	VOLUME	445276.755	3759332.474	195.00	
LOCATION L0002926	VOLUME	445269.909	3759329.904	195.00	
LOCATION L0002927	VOLUME	445262.952	3759327.937	195.00	
LOCATION L0002928	VOLUME	445255.639	3759327.887	195.00	
LOCATION L0002929	VOLUME	445248.327	3759327.837	195.00	
LOCATION L0002930	VOLUME	445241.015	3759327.787	195.00	
LOCATION L0002931	VOLUME	445233.703	3759327.738	195.00	
LOCATION L0002932	VOLUME	445226.390	3759327.688	195.00	

\*\* End of LINE VOLUME Source ID = RDPA34

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDPA5

\*\* DESCRSRC Total onsite truck Route Parcel 5

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0000451

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 15

\*\* 445225.045, 3759313.705, 195.00, 3.66, 3.37

\*\* 445270.296, 3759314.802, 195.00, 3.66, 3.37  
 \*\* 445281.814, 3759319.053, 195.00, 3.66, 3.37  
 \*\* 445297.858, 3759326.046, 195.00, 3.66, 3.37  
 \*\* 445309.513, 3759318.779, 195.00, 3.66, 3.37  
 \*\* 445304.440, 3759308.357, 195.00, 3.66, 3.37  
 \*\* 445269.073, 3759307.625, 195.00, 3.66, 3.37  
 \*\* 445270.873, 3759259.729, 195.00, 3.66, 3.37  
 \*\* 445308.453, 3759273.205, 195.00, 3.66, 3.37  
 \*\* 445312.438, 3759283.264, 195.00, 3.66, 3.37  
 \*\* 445312.249, 3759322.741, 195.00, 3.66, 3.37  
 \*\* 445293.897, 3759330.364, 195.00, 3.66, 3.37  
 \*\* 445277.648, 3759320.061, 195.00, 3.66, 3.37  
 \*\* 445269.821, 3759318.079, 195.00, 3.66, 3.37  
 \*\* 445225.231, 3759317.425, 195.00, 3.66, 3.37

\*\* -----  
 LOCATION L0002933 VOLUME 445226.874 3759313.749 195.00  
 LOCATION L0002934 VOLUME 445234.112 3759313.925 195.00  
 LOCATION L0002935 VOLUME 445241.350 3759314.100 195.00  
 LOCATION L0002936 VOLUME 445248.588 3759314.276 195.00  
 LOCATION L0002937 VOLUME 445255.826 3759314.451 195.00  
 LOCATION L0002938 VOLUME 445263.065 3759314.627 195.00  
 LOCATION L0002939 VOLUME 445270.302 3759314.804 195.00  
 LOCATION L0002940 VOLUME 445277.095 3759317.311 195.00  
 LOCATION L0002941 VOLUME 445283.840 3759319.936 195.00  
 LOCATION L0002942 VOLUME 445290.477 3759322.829 195.00  
 LOCATION L0002943 VOLUME 445297.114 3759325.722 195.00  
 LOCATION L0002944 VOLUME 445303.314 3759322.644 195.00  
 LOCATION L0002945 VOLUME 445309.457 3759318.813 195.00  
 LOCATION L0002946 VOLUME 445306.373 3759312.328 195.00  
 LOCATION L0002947 VOLUME 445301.616 3759308.299 195.00  
 LOCATION L0002948 VOLUME 445294.378 3759308.149 195.00  
 LOCATION L0002949 VOLUME 445287.139 3759307.999 195.00  
 LOCATION L0002950 VOLUME 445279.900 3759307.849 195.00  
 LOCATION L0002951 VOLUME 445272.661 3759307.699 195.00  
 LOCATION L0002952 VOLUME 445269.210 3759303.976 195.00  
 LOCATION L0002953 VOLUME 445269.482 3759296.740 195.00  
 LOCATION L0002954 VOLUME 445269.754 3759289.505 195.00  
 LOCATION L0002955 VOLUME 445270.026 3759282.270 195.00  
 LOCATION L0002956 VOLUME 445270.298 3759275.035 195.00  
 LOCATION L0002957 VOLUME 445270.570 3759267.800 195.00  
 LOCATION L0002958 VOLUME 445270.842 3759260.564 195.00  
 LOCATION L0002959 VOLUME 445276.902 3759261.891 195.00  
 LOCATION L0002960 VOLUME 445283.718 3759264.335 195.00  
 LOCATION L0002961 VOLUME 445290.533 3759266.779 195.00  
 LOCATION L0002962 VOLUME 445297.348 3759269.223 195.00  
 LOCATION L0002963 VOLUME 445304.164 3759271.667 195.00  
 LOCATION L0002964 VOLUME 445309.441 3759275.700 195.00  
 LOCATION L0002965 VOLUME 445312.108 3759282.431 195.00  
 LOCATION L0002966 VOLUME 445312.408 3759289.609 195.00  
 LOCATION L0002967 VOLUME 445312.373 3759296.849 195.00  
 LOCATION L0002968 VOLUME 445312.338 3759304.089 195.00  
 LOCATION L0002969 VOLUME 445312.303 3759311.329 195.00  
 LOCATION L0002970 VOLUME 445312.269 3759318.570 195.00  
 LOCATION L0002971 VOLUME 445309.414 3759323.918 195.00  
 LOCATION L0002972 VOLUME 445302.728 3759326.696 195.00  
 LOCATION L0002973 VOLUME 445296.042 3759329.473 195.00  
 LOCATION L0002974 VOLUME 445289.744 3759327.731 195.00  
 LOCATION L0002975 VOLUME 445283.629 3759323.853 195.00  
 LOCATION L0002976 VOLUME 445277.495 3759320.022 195.00  
 LOCATION L0002977 VOLUME 445270.476 3759318.245 195.00  
 LOCATION L0002978 VOLUME 445263.257 3759317.983 195.00  
 LOCATION L0002979 VOLUME 445256.017 3759317.877 195.00  
 LOCATION L0002980 VOLUME 445248.778 3759317.771 195.00  
 LOCATION L0002981 VOLUME 445241.538 3759317.664 195.00  
 LOCATION L0002982 VOLUME 445234.299 3759317.558 195.00  
 LOCATION L0002983 VOLUME 445227.059 3759317.452 195.00

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** End of LINE VOLUME Source ID = RDPAS
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDARN
** DESCRSRC Total trucks Archibald Ave North
** PREFIX
** Length of Side = 18.29
** Configuration = Separated
** Emission Rate = 0.02494
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 4
** 445207.188, 3759567.986, 196.00, 3.66, 16.48
** 445205.501, 3759727.615, 196.70, 3.66, 16.48
** 445187.506, 3759879.142, 197.00, 3.66, 16.48
** 445192.395, 3760329.026, 200.00, 3.66, 16.48
** -----
LOCATION L0002984      VOLUME  445207.091 3759577.130 196.00
LOCATION L0002985      VOLUME  445206.717 3759612.549 196.00
LOCATION L0002986      VOLUME  445206.342 3759647.969 196.00
LOCATION L0002987      VOLUME  445205.968 3759683.388 196.00
LOCATION L0002988      VOLUME  445205.594 3759718.808 196.36
LOCATION L0002989      VOLUME  445202.362 3759754.043 196.90
LOCATION L0002990      VOLUME  445198.185 3759789.218 197.00
LOCATION L0002991      VOLUME  445194.008 3759824.392 197.00
LOCATION L0002992      VOLUME  445189.831 3759859.567 197.00
LOCATION L0002993      VOLUME  445187.677 3759894.850 197.00
LOCATION L0002994      VOLUME  445188.062 3759930.269 197.47
LOCATION L0002995      VOLUME  445188.447 3759965.689 198.00
LOCATION L0002996      VOLUME  445188.832 3760001.108 198.00
LOCATION L0002997      VOLUME  445189.216 3760036.527 198.00
LOCATION L0002998      VOLUME  445189.601 3760071.947 198.19
LOCATION L0002999      VOLUME  445189.986 3760107.366 199.00
LOCATION L0003000      VOLUME  445190.371 3760142.786 199.00
LOCATION L0003001      VOLUME  445190.756 3760178.205 199.00
LOCATION L0003002      VOLUME  445191.141 3760213.625 199.36
LOCATION L0003003      VOLUME  445191.526 3760249.044 200.00
LOCATION L0003004      VOLUME  445191.911 3760284.464 200.00
LOCATION L0003005      VOLUME  445192.296 3760319.883 200.00
** End of LINE VOLUME Source ID = RDARN
** -----
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDARS
** DESCRSRC Total trucks Archibald Ave South
** PREFIX
** Length of Side = 18.29
** Configuration = Separated
** Emission Rate = 0.036
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 445204.661, 3759560.557, 196.00, 3.66, 16.62
** 445208.218, 3759309.452, 195.00, 3.66, 16.62
** 445207.953, 3759116.801, 193.00, 3.66, 16.62
** 445205.471, 3758788.771, 191.00, 3.66, 16.62
** 445205.096, 3758613.447, 190.00, 3.66, 16.62
** -----
LOCATION L0003006      VOLUME  445204.791 3759551.414 196.00
LOCATION L0003007      VOLUME  445205.297 3759515.693 196.00
LOCATION L0003008      VOLUME  445205.803 3759479.971 195.94
LOCATION L0003009      VOLUME  445206.308 3759444.249 195.24
LOCATION L0003010      VOLUME  445206.814 3759408.528 195.00
LOCATION L0003011      VOLUME  445207.320 3759372.806 195.00
LOCATION L0003012      VOLUME  445207.826 3759337.084 195.00
LOCATION L0003013      VOLUME  445208.207 3759301.362 195.00
LOCATION L0003014      VOLUME  445208.157 3759265.636 194.31

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LOCATION	VOLUME				
L0003015	445208.108	3759229.911	194.00		
L0003016	445208.059	3759194.186	194.00		
L0003017	445208.010	3759158.461	193.99		
L0003018	445207.961	3759122.736	193.52		
L0003019	445207.727	3759087.011	193.00		
L0003020	445207.457	3759051.287	193.00		
L0003021	445207.187	3759015.563	193.00		
L0003022	445206.917	3758979.838	192.79		
L0003023	445206.646	3758944.114	192.00		
L0003024	445206.376	3758908.390	192.00		
L0003025	445206.106	3758872.666	192.00		
L0003026	445205.836	3758836.941	192.00		
L0003027	445205.565	3758801.217	191.73		
L0003028	445205.421	3758765.492	191.00		
L0003029	445205.345	3758729.767	191.00		
L0003030	445205.269	3758694.042	191.00		
L0003031	445205.192	3758658.317	190.07		
L0003032	445205.116	3758622.591	190.00		

\*\* End of LINE VOLUME Source ID = RDARS

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 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDLIM

\*\* DESCRSRC Total trucks Limonite Avenue

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.03425

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62

\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62

\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62

\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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L0003033	445231.515	3759571.834	196.00		
L0003034	445267.255	3759572.195	196.00		
L0003035	445302.994	3759572.557	196.00		
L0003036	445338.734	3759572.919	196.00		
L0003037	445374.473	3759573.280	196.00		
L0003038	445410.213	3759573.642	196.00		
L0003039	445445.952	3759574.003	196.00		
L0003040	445481.691	3759574.365	196.05		
L0003041	445517.431	3759574.727	196.61		
L0003042	445553.170	3759575.088	196.80		
L0003043	445588.910	3759575.450	197.00		
L0003044	445624.649	3759575.812	197.00		
L0003045	445660.389	3759575.875	197.00		
L0003046	445696.129	3759575.578	197.00		
L0003047	445731.869	3759575.281	197.00		
L0003048	445767.609	3759574.984	197.00		
L0003049	445803.349	3759574.687	197.00		
L0003050	445839.089	3759574.390	197.00		
L0003051	445874.829	3759574.092	197.11		
L0003052	445910.569	3759573.795	197.74		
L0003053	445946.310	3759573.604	198.00		
L0003054	445982.051	3759573.507	198.00		
L0003055	446017.792	3759573.410	198.00		
L0003056	446053.533	3759573.313	198.00		
L0003057	446089.274	3759573.216	198.00		
L0003058	446125.016	3759573.119	198.29		
L0003059	446160.757	3759573.022	198.87		
L0003060	446196.498	3759572.925	199.00		

\*\* End of LINE VOLUME Source ID = RDLIM

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 \*\* Line Source Represented by Separated Volume Sources

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** LINE VOLUME Source ID = RDONA
** DESCRSRC Onsite Automobile Route
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 0.05458
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 12
** 445225.063, 3759324.604, 195.00, 0.00, 3.39
** 445265.323, 3759325.117, 195.00, 0.00, 3.39
** 445286.408, 3759334.110, 195.00, 0.00, 3.39
** 445300.154, 3759345.582, 195.00, 0.00, 3.39
** 445306.917, 3759359.499, 195.00, 0.00, 3.39
** 445306.345, 3759378.383, 195.00, 0.00, 3.39
** 445299.348, 3759399.376, 195.00, 0.00, 3.39
** 445294.055, 3759425.126, 195.71, 0.00, 3.39
** 445556.709, 3759482.068, 196.00, 0.00, 3.39
** 445550.111, 3759519.042, 196.00, 0.00, 3.39
** 445546.827, 3759539.958, 196.12, 0.00, 3.39
** 445545.731, 3759554.776, 196.06, 0.00, 3.39

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LOCATION	L0003061	VOLUME	445226.891	3759324.627	195.00
LOCATION	L0003062	VOLUME	445234.174	3759324.720	195.00
LOCATION	L0003063	VOLUME	445241.457	3759324.813	195.00
LOCATION	L0003064	VOLUME	445248.740	3759324.906	195.00
LOCATION	L0003065	VOLUME	445256.023	3759324.999	195.00
LOCATION	L0003066	VOLUME	445263.306	3759325.092	195.00
LOCATION	L0003067	VOLUME	445270.167	3759327.183	195.00
LOCATION	L0003068	VOLUME	445276.866	3759330.040	195.00
LOCATION	L0003069	VOLUME	445283.566	3759332.898	195.00
LOCATION	L0003070	VOLUME	445289.628	3759336.797	195.00
LOCATION	L0003071	VOLUME	445295.220	3759341.464	195.00
LOCATION	L0003072	VOLUME	445300.529	3759346.352	195.00
LOCATION	L0003073	VOLUME	445303.712	3759352.903	195.00
LOCATION	L0003074	VOLUME	445306.895	3759359.454	195.00
LOCATION	L0003075	VOLUME	445306.698	3759366.729	195.00
LOCATION	L0003076	VOLUME	445306.478	3759374.009	195.00
LOCATION	L0003077	VOLUME	445305.426	3759381.142	195.00
LOCATION	L0003078	VOLUME	445303.123	3759388.051	195.00
LOCATION	L0003079	VOLUME	445300.820	3759394.961	195.00
LOCATION	L0003080	VOLUME	445298.819	3759401.952	195.00
LOCATION	L0003081	VOLUME	445297.352	3759409.086	195.09
LOCATION	L0003082	VOLUME	445295.886	3759416.221	195.33
LOCATION	L0003083	VOLUME	445294.419	3759423.355	195.57
LOCATION	L0003084	VOLUME	445299.406	3759426.286	195.67
LOCATION	L0003085	VOLUME	445306.524	3759427.830	195.72
LOCATION	L0003086	VOLUME	445313.642	3759429.373	195.77
LOCATION	L0003087	VOLUME	445320.760	3759430.916	195.82
LOCATION	L0003088	VOLUME	445327.878	3759432.459	195.87
LOCATION	L0003089	VOLUME	445334.997	3759434.002	195.92
LOCATION	L0003090	VOLUME	445342.115	3759435.545	195.98
LOCATION	L0003091	VOLUME	445349.233	3759437.088	196.00
LOCATION	L0003092	VOLUME	445356.351	3759438.632	196.00
LOCATION	L0003093	VOLUME	445363.469	3759440.175	196.00
LOCATION	L0003094	VOLUME	445370.587	3759441.718	196.00
LOCATION	L0003095	VOLUME	445377.705	3759443.261	196.00
LOCATION	L0003096	VOLUME	445384.824	3759444.804	196.00
LOCATION	L0003097	VOLUME	445391.942	3759446.347	196.00
LOCATION	L0003098	VOLUME	445399.060	3759447.891	196.00
LOCATION	L0003099	VOLUME	445406.178	3759449.434	196.00
LOCATION	L0003100	VOLUME	445413.296	3759450.977	196.00
LOCATION	L0003101	VOLUME	445420.414	3759452.520	196.00
LOCATION	L0003102	VOLUME	445427.532	3759454.063	196.00
LOCATION	L0003103	VOLUME	445434.650	3759455.606	196.00
LOCATION	L0003104	VOLUME	445441.769	3759457.150	196.00

LOCATION	L0003105	VOLUME	445448.887	3759458.693	196.00	
LOCATION	L0003106	VOLUME	445456.005	3759460.236	196.00	
LOCATION	L0003107	VOLUME	445463.123	3759461.779	196.00	
LOCATION	L0003108	VOLUME	445470.241	3759463.322	196.00	
LOCATION	L0003109	VOLUME	445477.359	3759464.865	196.00	
LOCATION	L0003110	VOLUME	445484.477	3759466.408	196.00	
LOCATION	L0003111	VOLUME	445491.596	3759467.952	196.00	
LOCATION	L0003112	VOLUME	445498.714	3759469.495	196.00	
LOCATION	L0003113	VOLUME	445505.832	3759471.038	196.00	
LOCATION	L0003114	VOLUME	445512.950	3759472.581	196.00	
LOCATION	L0003115	VOLUME	445520.068	3759474.124	196.00	
LOCATION	L0003116	VOLUME	445527.186	3759475.667	196.00	
LOCATION	L0003117	VOLUME	445534.304	3759477.211	196.00	
LOCATION	L0003118	VOLUME	445541.422	3759478.754	196.00	
LOCATION	L0003119	VOLUME	445548.541	3759480.297	196.00	
LOCATION	L0003120	VOLUME	445555.659	3759481.840	196.00	
LOCATION	L0003121	VOLUME	445555.618	3759488.180	196.00	
LOCATION	L0003122	VOLUME	445554.338	3759495.351	196.00	
LOCATION	L0003123	VOLUME	445553.059	3759502.521	196.00	
LOCATION	L0003124	VOLUME	445551.779	3759509.691	196.00	
LOCATION	L0003125	VOLUME	445550.500	3759516.861	196.00	
LOCATION	L0003126	VOLUME	445549.325	3759524.049	196.00	
LOCATION	L0003127	VOLUME	445548.195	3759531.244	196.05	
LOCATION	L0003128	VOLUME	445547.066	3759538.440	196.10	
LOCATION	L0003129	VOLUME	445546.403	3759545.689	196.15	
LOCATION	L0003130	VOLUME	445545.866	3759552.953	196.19	
** End of LINE VOLUME Source ID = RDONA						
** Source Parameters **						
SRCPARAM	IDWALE	0.0000634	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	0.0000634	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	0.0006916	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	0.00002818	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	0.0001383	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	0.00004226	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	0.0002075	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	0.00004226	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	0.0002075	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	0.00005635	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	0.0003458	3.840	366.000	50.00000	0.100
** LINE VOLUME Source ID = RDWAL						
SRCPARAM	L0002746	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002747	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002748	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002749	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002750	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002751	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002752	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002753	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002754	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002755	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002756	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002757	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002758	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002759	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002760	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002761	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002762	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002763	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002764	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002765	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002766	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002767	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002768	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002769	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002770	0.000003452	3.66	3.37	0.85	
SRCPARAM	L0002771	0.000003452	3.66	3.37	0.85	













SRCPARAM L0003088	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003089	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003090	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003091	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003092	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003093	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003094	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003095	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003096	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003097	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003098	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003099	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003100	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003101	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003102	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003103	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003104	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003105	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003106	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003107	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003108	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003109	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003110	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003111	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003112	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003113	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003114	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003115	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003116	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003117	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003118	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003119	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003120	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003121	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003122	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003123	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003124	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003125	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003126	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003127	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003128	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003129	0.0007797143	0.00	3.39	0.85
SRCPARAM L0003130	0.0007797143	0.00	3.39	0.85

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URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED CO.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\rivr8.sfc

PROFFILE ..\rivr8.PFL

SURFDATA 0 2008 Riverside 461640.00 3762100.00

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UAIRDATA 3190 2008
SITEDATA 99999 2008
PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 8 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST CO.AD\01H1GALL.PLT 31
  PLOTFILE 8 ALL 1ST CO.AD\08H1GALL.PLT 32
  SUMMFILE CO.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

\* AERMOD ( 14134): Eastvale Crossings CO 2017

07/16/15

\* AERMET ( 14134):

13:35:30

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	8.45874	197.00	197.00	0.00	1-HR	ALL	1ST		11102017
445738.00000	3759518.00000	8.75220	197.00	197.00	0.00	1-HR	ALL	1ST		11102017
445697.00000	3759435.00000	8.65861	196.00	196.00	0.00	1-HR	ALL	1ST		11102017
445654.00000	3759362.00000	6.17210	195.52	195.52	0.00	1-HR	ALL	1ST		9052507
445627.00000	3759314.00000	4.70676	195.00	195.00	0.00	1-HR	ALL	1ST		9052507
445489.00000	3759232.00000	5.11351	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445601.00000	3759139.00000	3.05867	194.95	194.95	0.00	1-HR	ALL	1ST		11060807
445402.00000	3759055.00000	4.42198	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445285.00000	3759024.00000	6.53954	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445254.00000	3759017.00000	8.26193	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445159.00000	3759143.00000	8.68058	195.13	195.13	0.00	1-HR	ALL	1ST		12081219
445161.00000	3759538.00000	9.46776	196.00	196.00	0.00	1-HR	ALL	1ST		12110208
445165.00000	3759637.00000	9.47084	196.00	196.00	0.00	1-HR	ALL	1ST		12110208
445576.63000	3759284.79000	5.30505	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445510.00000	3759259.93000	5.58720	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445443.37000	3759235.08000	5.47634	194.86	194.86	0.00	1-HR	ALL	1ST		11060807
445376.74000	3759210.22000	6.91569	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445310.11000	3759185.37000	9.11838	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445243.47000	3759160.52000	9.53194	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445638.85000	3759249.69000	3.57785	195.00	195.00	0.00	1-HR	ALL	1ST		11071407
445534.96000	3759193.01000	4.41292	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445468.33000	3759168.15000	4.31918	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445401.70000	3759143.30000	5.14978	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445335.07000	3759118.45000	6.95107	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445268.44000	3759093.59000	8.10959	193.56	193.56	0.00	1-HR	ALL	1ST		11060807
445663.81000	3759182.77000	2.86659	194.55	194.55	0.00	1-HR	ALL	1ST		11071407
445559.93000	3759126.08000	3.49259	195.00	195.00	0.00	1-HR	ALL	1ST		11060807
445493.30000	3759101.23000	3.56554	194.91	194.91	0.00	1-HR	ALL	1ST		11060807
445426.66000	3759076.37000	4.06171	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445360.03000	3759051.52000	5.39400	193.19	193.19	0.00	1-HR	ALL	1ST		11060807
445293.40000	3759026.67000	6.34000	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445701.19000	3759126.45000	2.44200	194.00	194.00	0.00	1-HR	ALL	1ST		11071407
445584.89000	3759059.16000	2.76786	194.43	194.43	0.00	1-HR	ALL	1ST		11060807
445518.26000	3759034.30000	3.01016	193.90	193.90	0.00	1-HR	ALL	1ST		11060807
445451.63000	3759009.45000	3.33600	193.79	193.79	0.00	1-HR	ALL	1ST		11060807
445384.99000	3758984.60000	4.28595	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445318.36000	3758959.74000	5.12270	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445723.05000	3759056.87000	2.12960	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445816.17000	3759136.45000	2.31878	194.23	194.23	0.00	1-HR	ALL	1ST		11071407
445609.85000	3758992.23000	2.31292	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445543.22000	3758967.38000	2.55365	193.32	193.32	0.00	1-HR	ALL	1ST		11060807
445476.59000	3758942.53000	2.81914	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445409.96000	3758917.67000	3.49111	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445343.33000	3758892.82000	4.24563	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445746.15000	3758988.36000	1.92637	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445835.55000	3759064.75000	1.94792	194.00	194.00	0.00	1-HR	ALL	1ST		11071407
445634.82000	3758925.31000	2.02435	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445568.18000	3758900.46000	2.16477	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445501.55000	3758875.60000	2.41867	192.82	192.82	0.00	1-HR	ALL	1ST		11060807
445434.92000	3758850.75000	2.91658	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445368.29000	3758825.89000	3.53775	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445778.56000	3758927.80000	1.76037	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445830.71000	3758972.36000	1.76877	193.87	193.87	0.00	1-HR	ALL	1ST		10020924
445935.01000	3759061.48000	1.85339	194.60	194.60	0.00	1-HR	ALL	1ST		11071407
445726.41000	3758883.24000	1.79109	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445659.78000	3758858.38000	1.75957	192.74	192.74	0.00	1-HR	ALL	1ST		10020924
445593.15000	3758833.53000	1.83236	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445526.52000	3758808.68000	2.09505	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445459.88000	3758783.82000	2.47139	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445393.25000	3758758.97000	2.97480	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445160.95000	3759203.73000	8.99501	194.00	194.00	0.00	1-HR	ALL	1ST		10112905
445152.39000	3759275.22000	11.74558	194.63	194.63	0.00	1-HR	ALL	1ST		10112602
445090.05000	3759212.39000	6.85757	194.00	194.00	0.00	1-HR	ALL	1ST		10112602
445116.72000	3759147.64000	6.15230	193.35	193.35	0.00	1-HR	ALL	1ST		10112905
445199.25000	3759104.43000	6.81416	193.00	193.00	0.00	1-HR	ALL	1ST		10080807
445081.49000	3759283.89000	7.40574	194.00	194.00	0.00	1-HR	ALL	1ST		12020405



445019.14000	3759221.05000	5.62063	193.83	193.83	0.00	1-HR	ALL	1ST	12122005
445045.82000	3759156.30000	4.92029	193.00	193.00	0.00	1-HR	ALL	1ST	10031102
445072.49000	3759091.55000	4.71024	193.00	193.00	0.00	1-HR	ALL	1ST	10112905
445155.02000	3759048.34000	6.13575	193.00	193.00	0.00	1-HR	ALL	1ST	10112822
445224.21000	3759037.50000	7.14088	193.00	193.00	0.00	1-HR	ALL	1ST	11060807
445010.59000	3759292.55000	5.26065	194.00	194.00	0.00	1-HR	ALL	1ST	11122102
444948.24000	3759229.72000	4.56585	193.03	193.03	0.00	1-HR	ALL	1ST	12020405
444974.92000	3759164.96000	4.66282	193.00	193.00	0.00	1-HR	ALL	1ST	10112602
445001.59000	3759100.21000	3.95316	192.81	192.81	0.00	1-HR	ALL	1ST	11120319
445028.27000	3759035.46000	3.80373	192.00	192.00	0.00	1-HR	ALL	1ST	10112905
445110.79000	3758992.25000	4.40251	192.00	192.00	0.00	1-HR	ALL	1ST	8122623
445179.98000	3758981.41000	6.92357	192.84	192.84	0.00	1-HR	ALL	1ST	10080807
445249.17000	3758970.58000	8.42900	193.00	193.00	0.00	1-HR	ALL	1ST	11060807
444939.68000	3759301.21000	4.37005	194.00	194.00	0.00	1-HR	ALL	1ST	11122102
444878.82000	3759234.78000	3.62654	193.00	193.00	0.00	1-HR	ALL	1ST	8122706
444982.56000	3758982.96000	3.17676	192.00	192.00	0.00	1-HR	ALL	1ST	10112905
445035.82000	3758940.97000	3.35506	192.00	192.00	0.00	1-HR	ALL	1ST	10112820
445266.45000	3758904.86000	6.48689	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
444868.78000	3759309.88000	3.49082	193.51	193.51	0.00	1-HR	ALL	1ST	11122102
444807.65000	3759244.10000	3.17016	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444836.75000	3759173.46000	3.39676	193.00	193.00	0.00	1-HR	ALL	1ST	12020405
444865.85000	3759102.82000	3.39901	192.00	192.00	0.00	1-HR	ALL	1ST	10112602
444894.95000	3759032.18000	2.86522	192.00	192.00	0.00	1-HR	ALL	1ST	10031102
444938.60000	3758926.22000	2.72278	191.00	191.00	0.00	1-HR	ALL	1ST	10112905
445066.37000	3758873.17000	3.25439	191.41	191.41	0.00	1-HR	ALL	1ST	8122623
445141.85000	3758861.35000	4.60634	191.96	191.96	0.00	1-HR	ALL	1ST	10112822
445217.33000	3758849.53000	6.34117	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
445292.81000	3758837.71000	4.85183	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
444797.88000	3759318.54000	2.88124	193.02	193.02	0.00	1-HR	ALL	1ST	11012405
444736.56000	3759253.22000	2.76898	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444765.29000	3759183.48000	2.84603	192.66	192.66	0.00	1-HR	ALL	1ST	8122706
444794.02000	3759113.75000	2.88612	192.00	192.00	0.00	1-HR	ALL	1ST	12122005
444822.75000	3759044.01000	2.87447	192.00	192.00	0.00	1-HR	ALL	1ST	10112602
444851.47000	3758974.28000	2.45958	191.60	191.60	0.00	1-HR	ALL	1ST	11120319
444894.56000	3758869.68000	2.38212	191.00	191.00	0.00	1-HR	ALL	1ST	10112905
444983.44000	3758823.14000	2.55927	191.00	191.00	0.00	1-HR	ALL	1ST	10112820
445095.21000	3758805.64000	3.46402	191.00	191.00	0.00	1-HR	ALL	1ST	10112822
445169.72000	3758793.97000	5.63653	191.00	191.00	0.00	1-HR	ALL	1ST	11060807
445244.23000	3758782.30000	8.39478	191.33	191.33	0.00	1-HR	ALL	1ST	11060807
445318.74000	3758770.64000	3.87943	191.81	191.81	0.00	1-HR	ALL	1ST	11060807
444726.98000	3759327.20000	2.62234	193.00	193.00	0.00	1-HR	ALL	1ST	11012405
445153.76000	3759411.17000	10.09119	195.00	195.00	0.00	1-HR	ALL	1ST	11012405
445082.34000	3759412.11000	6.58782	195.00	195.00	0.00	1-HR	ALL	1ST	11012405
445010.91000	3759413.05000	4.90164	194.52	194.52	0.00	1-HR	ALL	1ST	11012405
444939.49000	3759413.99000	3.90948	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444868.07000	3759414.93000	3.32583	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444796.65000	3759415.87000	2.88948	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444725.22000	3759416.81000	2.54762	193.91	193.91	0.00	1-HR	ALL	1ST	12122001
445163.44000	3759485.88000	9.28726	195.31	195.31	0.00	1-HR	ALL	1ST	12110208
445092.67000	3759495.57000	5.69412	195.00	195.00	0.00	1-HR	ALL	1ST	12122024
445021.90000	3759505.25000	4.43306	195.00	195.00	0.00	1-HR	ALL	1ST	12122024
444951.14000	3759514.94000	3.63899	195.00	195.00	0.00	1-HR	ALL	1ST	12122024
444880.37000	3759524.63000	3.08205	194.95	194.95	0.00	1-HR	ALL	1ST	12122024
444809.60000	3759534.32000	2.66496	194.27	194.27	0.00	1-HR	ALL	1ST	12122024
444738.83000	3759544.01000	2.34432	194.00	194.00	0.00	1-HR	ALL	1ST	12122024
445179.43000	3759583.67000	10.18170	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445129.30000	3759634.56000	6.65872	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445102.68000	3759571.81000	5.23152	195.23	195.23	0.00	1-HR	ALL	1ST	12111201
445078.70000	3759684.30000	4.63629	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445049.65000	3759615.85000	4.07157	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
445028.70000	3759735.49000	3.57375	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445000.30000	3759668.57000	3.31997	195.74	195.74	0.00	1-HR	ALL	1ST	12121823
444971.90000	3759601.64000	3.39745	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
444978.65000	3759786.56000	2.88969	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
444950.62000	3759720.51000	2.81177	196.00	196.00	0.00	1-HR	ALL	1ST	12030801
444922.60000	3759654.46000	2.86878	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
444928.32000	3759836.96000	2.41074	196.36	196.36	0.00	1-HR	ALL	1ST	12110208
444899.28000	3759768.52000	2.44387	196.00	196.00	0.00	1-HR	ALL	1ST	12030801
444870.23000	3759700.07000	2.49627	195.79	195.79	0.00	1-HR	ALL	1ST	12121823
444841.18000	3759631.62000	2.55905	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
444878.27000	3759888.03000	2.10637	197.00	197.00	0.00	1-HR	ALL	1ST	12111306
444849.60000	3759820.46000	2.15635	196.00	196.00	0.00	1-HR	ALL	1ST	11011206
444820.92000	3759752.89000	2.19799	196.00	196.00	0.00	1-HR	ALL	1ST	10112601
444792.25000	3759685.32000	2.25985	195.00	195.00	0.00	1-HR	ALL	1ST	12111201

444763.58000	3759617.75000	2.20979	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
445245.84000	3759627.28000	9.83942	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445315.15000	3759627.01000	8.26727	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445384.46000	3759626.74000	8.24441	196.35	196.35	0.00	1-HR	ALL	1ST	12081219
445195.71000	3759678.17000	6.26677	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445315.43000	3759698.44000	5.46042	197.00	197.00	0.00	1-HR	ALL	1ST	12101718
445384.74000	3759698.17000	5.71230	197.00	197.00	0.00	1-HR	ALL	1ST	12123104
445195.99000	3759749.59000	5.77170	196.75	196.75	0.00	1-HR	ALL	1ST	11060807
445315.70000	3759769.86000	4.29821	197.00	197.00	0.00	1-HR	ALL	1ST	12101718
445385.01000	3759769.59000	4.54258	197.00	197.00	0.00	1-HR	ALL	1ST	12123104
445196.27000	3759821.02000	5.62715	197.00	197.00	0.00	1-HR	ALL	1ST	11060807
445095.46000	3759779.94000	4.36559	196.46	196.46	0.00	1-HR	ALL	1ST	12110208
445315.98000	3759841.29000	3.60399	197.00	197.00	0.00	1-HR	ALL	1ST	12101718
445385.29000	3759841.02000	3.86062	197.42	197.42	0.00	1-HR	ALL	1ST	11030905
445120.94000	3759861.64000	4.90141	197.00	197.00	0.00	1-HR	ALL	1ST	12110208
445246.95000	3759912.99000	4.68997	197.22	197.22	0.00	1-HR	ALL	1ST	12101718
445316.26000	3759912.72000	3.26482	197.95	197.95	0.00	1-HR	ALL	1ST	12010407
445385.57000	3759912.45000	3.36370	198.00	198.00	0.00	1-HR	ALL	1ST	11030905
445186.75000	3759959.77000	4.96619	198.00	198.00	0.00	1-HR	ALL	1ST	11060807
445065.78000	3759910.47000	3.42053	197.00	197.00	0.00	1-HR	ALL	1ST	12110208
445316.54000	3759984.15000	2.91775	198.00	198.00	0.00	1-HR	ALL	1ST	12111320
445385.85000	3759983.88000	2.94515	198.00	198.00	0.00	1-HR	ALL	1ST	11030905
445188.70000	3760031.88000	4.88645	198.00	198.00	0.00	1-HR	ALL	1ST	11060807
445071.10000	3759983.95000	3.37016	198.00	198.00	0.00	1-HR	ALL	1ST	12110208
444953.49000	3759936.03000	2.40176	197.00	197.00	0.00	1-HR	ALL	1ST	12110208
445316.82000	3760055.58000	2.75829	198.64	198.64	0.00	1-HR	ALL	1ST	12111320
445386.13000	3760055.31000	2.76353	199.00	199.00	0.00	1-HR	ALL	1ST	11030905
445455.87000	3759625.89000	9.22755	197.00	197.00	0.00	1-HR	ALL	1ST	12110208
445526.71000	3759625.04000	9.25136	197.00	197.00	0.00	1-HR	ALL	1ST	12011305
445456.72000	3759697.31000	5.14326	197.00	197.00	0.00	1-HR	ALL	1ST	10031605
445527.56000	3759696.47000	5.58337	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445457.58000	3759768.74000	4.06573	197.02	197.02	0.00	1-HR	ALL	1ST	12123104
445528.42000	3759767.89000	4.16614	197.65	197.65	0.00	1-HR	ALL	1ST	11020503
445458.43000	3759840.16000	3.61450	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445529.27000	3759839.31000	3.26754	198.00	198.00	0.00	1-HR	ALL	1ST	10031605
445459.28000	3759911.58000	3.23278	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445530.12000	3759910.74000	2.81982	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445460.13000	3759983.01000	2.99297	198.50	198.50	0.00	1-HR	ALL	1ST	12123104
445530.97000	3759982.16000	2.68093	199.00	199.00	0.00	1-HR	ALL	1ST	12123104
445460.98000	3760054.43000	2.76324	199.00	199.00	0.00	1-HR	ALL	1ST	12123104
445531.82000	3760053.58000	2.55089	199.43	199.43	0.00	1-HR	ALL	1ST	12123104
445621.39000	3759629.57000	9.18244	197.00	197.00	0.00	1-HR	ALL	1ST	12022801
445621.14000	3759701.00000	5.58910	197.00	197.00	0.00	1-HR	ALL	1ST	9101217
445620.90000	3759772.42000	4.23189	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445620.65000	3759843.85000	3.49526	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445620.41000	3759915.28000	2.90027	198.99	198.99	0.00	1-HR	ALL	1ST	10031605
445620.16000	3759986.71000	2.52967	199.00	199.00	0.00	1-HR	ALL	1ST	10031605
445619.92000	3760058.14000	2.24329	200.00	200.00	0.00	1-HR	ALL	1ST	10031605
445730.13000	3759558.82000	9.40265	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445701.29000	3759471.56000	9.26386	196.07	196.07	0.00	1-HR	ALL	1ST	11102017
445643.02000	3759368.26000	6.62377	195.73	195.73	0.00	1-HR	ALL	1ST	9052507
445750.20000	3759654.09000	6.78137	197.28	197.28	0.00	1-HR	ALL	1ST	11102117
445792.63000	3759488.11000	7.25201	196.85	196.85	0.00	1-HR	ALL	1ST	11102017
445734.36000	3759384.82000	6.21793	196.00	196.00	0.00	1-HR	ALL	1ST	9052507
445853.96000	3759559.85000	7.22839	197.00	197.00	0.00	1-HR	ALL	1ST	12071319
445806.67000	3759693.16000	4.78059	198.00	198.00	0.00	1-HR	ALL	1ST	11102117
445713.87000	3759746.11000	4.66369	198.00	198.00	0.00	1-HR	ALL	1ST	12022801
445854.85000	3759453.02000	6.01486	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445796.58000	3759349.72000	4.58501	196.00	196.00	0.00	1-HR	ALL	1ST	9052507
445738.31000	3759246.43000	3.33952	195.00	195.00	0.00	1-HR	ALL	1ST	11071407
445916.11000	3759531.88000	7.96214	197.10	197.10	0.00	1-HR	ALL	1ST	11102017
445915.16000	3759645.84000	4.89545	198.00	198.00	0.00	1-HR	ALL	1ST	12091120
445865.19000	3759731.05000	3.85984	198.00	198.00	0.00	1-HR	ALL	1ST	10041222
445716.72000	3759815.77000	3.74625	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445917.06000	3759417.92000	4.84095	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445858.79000	3759314.63000	3.48539	195.98	195.98	0.00	1-HR	ALL	1ST	9052507
445800.52000	3759211.33000	2.86665	195.00	195.00	0.00	1-HR	ALL	1ST	11071407
445978.42000	3759484.57000	5.07895	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445977.57000	3759586.32000	6.02602	198.00	198.00	0.00	1-HR	ALL	1ST	12071319
445976.72000	3759688.07000	3.65373	198.23	198.23	0.00	1-HR	ALL	1ST	11102117
445932.11000	3759764.16000	3.24747	199.00	199.00	0.00	1-HR	ALL	1ST	10041222
445843.74000	3759814.58000	3.62565	199.00	199.00	0.00	1-HR	ALL	1ST	12022801
445711.17000	3759890.23000	3.37966	199.00	199.00	0.00	1-HR	ALL	1ST	11020503
445979.27000	3759382.83000	3.91480	197.00	197.00	0.00	1-HR	ALL	1ST	9052507

445921.00000	3759279.53000	2.76947	195.94	195.94	0.00	1-HR	ALL	1ST	10020516
446040.59000	3759454.57000	4.22236	197.43	197.43	0.00	1-HR	ALL	1ST	11102017
446039.26000	3759614.82000	6.04223	198.00	198.00	0.00	1-HR	ALL	1ST	11102017
446038.36000	3759721.65000	3.04640	199.00	199.00	0.00	1-HR	ALL	1ST	10041221
445991.52000	3759801.55000	2.82848	199.01	199.01	0.00	1-HR	ALL	1ST	10041222
445898.73000	3759854.50000	3.11907	199.00	199.00	0.00	1-HR	ALL	1ST	12022801
445805.93000	3759907.44000	2.91553	199.00	199.00	0.00	1-HR	ALL	1ST	11020802
445713.14000	3759960.39000	2.90525	199.00	199.00	0.00	1-HR	ALL	1ST	11020503
446041.48000	3759347.73000	3.23880	197.00	197.00	0.00	1-HR	ALL	1ST	9052507
445983.21000	3759244.44000	2.34907	196.00	196.00	0.00	1-HR	ALL	1ST	10020516
445924.94000	3759141.14000	2.09168	195.00	195.00	0.00	1-HR	ALL	1ST	11071407
446102.77000	3759423.43000	3.53454	197.45	197.45	0.00	1-HR	ALL	1ST	11102017
446101.85000	3759534.22000	7.77661	198.00	198.00	0.00	1-HR	ALL	1ST	11102017
446100.92000	3759645.01000	4.15049	198.99	198.99	0.00	1-HR	ALL	1ST	11020304
446100.00000	3759755.80000	2.67300	199.45	199.45	0.00	1-HR	ALL	1ST	10041221
446051.42000	3759838.66000	2.49775	200.00	200.00	0.00	1-HR	ALL	1ST	10041222
445955.19000	3759893.57000	2.87649	200.21	200.21	0.00	1-HR	ALL	1ST	12022801
445810.84000	3759975.93000	2.79776	200.00	200.00	0.00	1-HR	ALL	1ST	11020503
445714.61000	3760030.84000	2.54455	200.00	200.00	0.00	1-HR	ALL	1ST	11020503
446103.70000	3759312.64000	2.66913	197.00	197.00	0.00	1-HR	ALL	1ST	9052507
446045.43000	3759209.34000	2.02244	196.00	196.00	0.00	1-HR	ALL	1ST	10020516
445987.16000	3759106.05000	1.77343	195.00	195.00	0.00	1-HR	ALL	1ST	11111816
445668.21000	3759558.30000	11.18314	197.00	197.00	0.00	1-HR	ALL	1ST	11102117
445551.67000	3759351.71000	7.60952	195.00	195.00	0.00	1-HR	ALL	1ST	11060807
445218.51000	3759227.44000	9.51450	194.01	194.01	0.00	1-HR	ALL	1ST	10112822
445223.29000	3759266.56000	13.13353	194.65	194.65	0.00	1-HR	ALL	1ST	11060807
445225.18000	3759410.23000	14.65317	195.07	195.07	0.00	1-HR	ALL	1ST	11060807
445234.21000	3759476.19000	11.86318	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445234.88000	3759545.33000	10.80016	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445245.56000	3759555.85000	10.50502	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445384.18000	3759555.31000	10.22452	196.00	196.00	0.00	1-HR	ALL	1ST	12081219
445525.86000	3759553.62000	29.37535	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445575.06000	3759557.98000	20.77418	197.00	197.00	0.00	1-HR	ALL	1ST	11102117

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

\* AERMOD ( 14134): Eastvale Crossings CO 2017

07/16/15

\* AERMET ( 14134):

13:35:30

\* MODELING OPTIONS USED: RegDEFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	6.05376	197.00	197.00	0.00	8-HR	ALL	1ST		12090908
445738.00000	3759518.00000	5.86158	197.00	197.00	0.00	8-HR	ALL	1ST		12090908
445697.00000	3759435.00000	4.52928	196.00	196.00	0.00	8-HR	ALL	1ST		11102024
445654.00000	3759362.00000	4.12366	195.52	195.52	0.00	8-HR	ALL	1ST		12090908
445627.00000	3759314.00000	3.77642	195.00	195.00	0.00	8-HR	ALL	1ST		12090908
445489.00000	3759232.00000	4.03502	195.00	195.00	0.00	8-HR	ALL	1ST		12090908
445601.00000	3759139.00000	2.36247	194.95	194.95	0.00	8-HR	ALL	1ST		11011724
445402.00000	3759055.00000	2.90210	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445285.00000	3759024.00000	4.43005	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445254.00000	3759017.00000	5.95193	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445159.00000	3759139.00000	8.57799	195.13	195.13	0.00	8-HR	ALL	1ST		12090908
445161.00000	3759538.00000	8.56154	196.00	196.00	0.00	8-HR	ALL	1ST		12090908
445165.00000	3759637.00000	7.49785	196.00	196.00	0.00	8-HR	ALL	1ST		12110208
445576.63000	3759284.79000	3.93117	195.00	195.00	0.00	8-HR	ALL	1ST		12090908
445510.00000	3759259.93000	4.26644	195.00	195.00	0.00	8-HR	ALL	1ST		12090908
445443.37000	3759235.08000	4.60171	194.86	194.86	0.00	8-HR	ALL	1ST		12090908
445376.74000	3759210.22000	5.00459	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445310.11000	3759185.37000	5.58462	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445243.47000	3759160.52000	6.74913	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445638.85000	3759249.69000	2.94249	195.00	195.00	0.00	8-HR	ALL	1ST		11011724
445534.96000	3759193.01000	3.16075	195.00	195.00	0.00	8-HR	ALL	1ST		11011724
445468.33000	3759168.15000	3.38966	195.00	195.00	0.00	8-HR	ALL	1ST		12090908
445401.70000	3759143.30000	3.65707	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445335.07000	3759118.45000	4.11660	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445268.44000	3759093.59000	5.59488	193.56	193.56	0.00	8-HR	ALL	1ST		12090908
445663.81000	3759182.77000	2.31632	194.55	194.55	0.00	8-HR	ALL	1ST		11011724
445559.93000	3759126.08000	2.47932	195.00	195.00	0.00	8-HR	ALL	1ST		11011724
445493.30000	3759101.23000	2.65420	194.91	194.91	0.00	8-HR	ALL	1ST		12090908
445426.66000	3759076.37000	2.87273	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445360.03000	3759051.52000	3.24525	193.19	193.19	0.00	8-HR	ALL	1ST		12090908
445293.40000	3759026.67000	4.19569	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445701.19000	3759126.45000	1.89091	194.00	194.00	0.00	8-HR	ALL	1ST		11011724
445584.89000	3759059.16000	2.01916	194.43	194.43	0.00	8-HR	ALL	1ST		11011724
445518.26000	3759034.30000	2.16064	193.90	193.90	0.00	8-HR	ALL	1ST		12090908
445451.63000	3759009.45000	2.34580	193.79	193.79	0.00	8-HR	ALL	1ST		12090908
445384.99000	3758984.60000	2.65002	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445318.36000	3758959.74000	3.31667	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445723.05000	3759056.87000	1.58378	194.00	194.00	0.00	8-HR	ALL	1ST		11011724
445816.17000	3759136.45000	1.56652	194.23	194.23	0.00	8-HR	ALL	1ST		11011724
445609.85000	3758992.23000	1.68691	194.00	194.00	0.00	8-HR	ALL	1ST		11011724
445543.22000	3758967.38000	1.80394	193.32	193.32	0.00	8-HR	ALL	1ST		12090908
445476.59000	3758942.53000	1.95868	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445409.96000	3758917.67000	2.20526	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445343.33000	3758892.82000	2.69083	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445746.15000	3758988.36000	1.35019	194.00	194.00	0.00	8-HR	ALL	1ST		11011724
445835.55000	3759064.75000	1.33746	194.00	194.00	0.00	8-HR	ALL	1ST		11011724
445634.82000	3758925.31000	1.43387	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445568.18000	3758900.46000	1.53061	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445501.55000	3758875.60000	1.65731	192.82	192.82	0.00	8-HR	ALL	1ST		12090908
445434.92000	3758850.75000	1.85124	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445368.29000	3758825.89000	2.20888	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445778.56000	3758927.80000	1.16501	193.00	193.00	0.00	8-HR	ALL	1ST		11011724
445830.71000	3758972.36000	1.16044	193.87	193.87	0.00	8-HR	ALL	1ST		11011724
445935.01000	3759061.48000	1.14120	194.60	194.60	0.00	8-HR	ALL	1ST		11011724
445726.41000	3758883.24000	1.16781	193.00	193.00	0.00	8-HR	ALL	1ST		11011724
445659.78000	3758858.38000	1.23405	192.74	192.74	0.00	8-HR	ALL	1ST		12090908
445593.15000	3758833.53000	1.31155	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445526.52000	3758808.68000	1.41198	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445459.88000	3758783.82000	1.55960	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445393.25000	3758758.97000	1.81283	192.00	192.00	0.00	8-HR	ALL	1ST		12090908
445160.95000	3759203.73000	7.20774	194.00	194.00	0.00	8-HR	ALL	1ST		12090908
445152.39000	3759275.22000	7.89387	194.63	194.63	0.00	8-HR	ALL	1ST		12110224
445090.05000	3759212.39000	4.25830	194.00	194.00	0.00	8-HR	ALL	1ST		12110224
445116.72000	3759147.64000	4.39499	193.35	193.35	0.00	8-HR	ALL	1ST		12090908
445199.25000	3759104.43000	5.38248	193.00	193.00	0.00	8-HR	ALL	1ST		12090908
445081.49000	3759283.89000	4.78675	194.00	194.00	0.00	8-HR	ALL	1ST		12122008

445019.14000	3759221.05000	3.14535	193.83	193.83	0.00	8-HR	ALL	1ST	12122008
445045.82000	3759156.30000	3.07477	193.00	193.00	0.00	8-HR	ALL	1ST	12110224
445072.49000	3759091.55000	3.15172	193.00	193.00	0.00	8-HR	ALL	1ST	12090908
445155.02000	3759048.34000	5.54252	193.00	193.00	0.00	8-HR	ALL	1ST	12090908
445224.21000	3759037.50000	4.91648	193.00	193.00	0.00	8-HR	ALL	1ST	12090908
445010.59000	3759292.55000	3.50005	194.00	194.00	0.00	8-HR	ALL	1ST	12122008
444948.24000	3759229.72000	2.66768	193.03	193.03	0.00	8-HR	ALL	1ST	12122008
444974.92000	3759164.96000	2.46409	193.00	193.00	0.00	8-HR	ALL	1ST	12110224
445001.59000	3759100.21000	2.36493	192.81	192.81	0.00	8-HR	ALL	1ST	12110224
445028.27000	3759035.46000	2.42090	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
445110.79000	3758992.25000	3.53861	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
445179.98000	3758981.41000	5.73569	192.84	192.84	0.00	8-HR	ALL	1ST	12090908
445249.17000	3758970.58000	6.11712	193.00	193.00	0.00	8-HR	ALL	1ST	12090908
444939.68000	3759301.21000	2.68767	194.00	194.00	0.00	8-HR	ALL	1ST	11011108
444878.82000	3759234.78000	2.21663	193.00	193.00	0.00	8-HR	ALL	1ST	12122008
444982.56000	3758982.96000	1.93131	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
445035.82000	3758940.97000	2.25897	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
445266.45000	3758904.86000	4.63383	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
444868.78000	3759309.88000	2.25212	193.51	193.51	0.00	8-HR	ALL	1ST	11011108
444807.65000	3759244.10000	1.84138	193.00	193.00	0.00	8-HR	ALL	1ST	12122008
444836.75000	3759173.46000	1.88311	193.00	193.00	0.00	8-HR	ALL	1ST	12122008
444865.85000	3759102.82000	1.67780	192.00	192.00	0.00	8-HR	ALL	1ST	12110224
444894.95000	3759032.18000	1.59773	192.00	192.00	0.00	8-HR	ALL	1ST	12110224
444938.60000	3758926.22000	1.57817	191.00	191.00	0.00	8-HR	ALL	1ST	12090908
445066.37000	3758873.17000	2.42978	191.41	191.41	0.00	8-HR	ALL	1ST	12090908
445141.85000	3758861.35000	4.21175	191.96	191.96	0.00	8-HR	ALL	1ST	12090908
445217.33000	3758849.53000	4.26157	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
445292.81000	3758837.71000	3.40646	192.00	192.00	0.00	8-HR	ALL	1ST	12090908
444797.88000	3759318.54000	1.90135	193.02	193.02	0.00	8-HR	ALL	1ST	11011108
444736.56000	3759253.22000	1.58983	193.00	193.00	0.00	8-HR	ALL	1ST	11011108
444765.29000	3759183.48000	1.64693	192.66	192.66	0.00	8-HR	ALL	1ST	12122008
444794.02000	3759113.75000	1.56174	192.00	192.00	0.00	8-HR	ALL	1ST	12122008
444822.75000	3759044.01000	1.41173	192.00	192.00	0.00	8-HR	ALL	1ST	12110224
444851.47000	3758974.28000	1.33000	191.60	191.60	0.00	8-HR	ALL	1ST	12110224
444894.56000	3758869.68000	1.31086	191.00	191.00	0.00	8-HR	ALL	1ST	12090908
444983.44000	3758823.14000	1.69455	191.00	191.00	0.00	8-HR	ALL	1ST	9011008
445095.21000	3758805.64000	2.68561	191.00	191.00	0.00	8-HR	ALL	1ST	12090908
445169.72000	3758793.97000	4.61334	191.00	191.00	0.00	8-HR	ALL	1ST	12090908
445244.23000	3758782.30000	5.77195	191.33	191.33	0.00	8-HR	ALL	1ST	12090908
445318.74000	3758770.64000	2.61342	191.81	191.81	0.00	8-HR	ALL	1ST	12090908
444726.98000	3759327.20000	1.62151	193.00	193.00	0.00	8-HR	ALL	1ST	11011108
445153.76000	3759411.17000	8.47056	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445082.34000	3759412.11000	4.65217	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445010.91000	3759413.05000	3.28352	194.52	194.52	0.00	8-HR	ALL	1ST	11010508
444939.49000	3759413.99000	2.62720	194.00	194.00	0.00	8-HR	ALL	1ST	11010508
444868.07000	3759414.93000	2.17523	194.00	194.00	0.00	8-HR	ALL	1ST	11010508
444796.65000	3759415.87000	1.84252	194.00	194.00	0.00	8-HR	ALL	1ST	11010508
444725.22000	3759416.81000	1.58819	193.91	193.91	0.00	8-HR	ALL	1ST	11010508
445163.44000	3759485.88000	9.04054	195.31	195.31	0.00	8-HR	ALL	1ST	12090908
445092.67000	3759495.57000	4.77484	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445021.90000	3759505.25000	3.21487	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
444951.14000	3759514.94000	2.37778	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
444880.37000	3759524.63000	1.95627	194.95	194.95	0.00	8-HR	ALL	1ST	11010508
444809.60000	3759534.32000	1.65392	194.27	194.27	0.00	8-HR	ALL	1ST	11010508
444738.83000	3759544.01000	1.42694	194.00	194.00	0.00	8-HR	ALL	1ST	11010508
445179.43000	3759583.67000	8.96651	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445129.30000	3759634.56000	5.26567	196.00	196.00	0.00	8-HR	ALL	1ST	12110208
445102.68000	3759571.81000	4.74986	195.23	195.23	0.00	8-HR	ALL	1ST	12090908
445078.70000	3759684.30000	3.57946	196.00	196.00	0.00	8-HR	ALL	1ST	12110208
445049.65000	3759615.85000	3.33378	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445028.70000	3759735.49000	2.70287	196.00	196.00	0.00	8-HR	ALL	1ST	12110208
445000.30000	3759668.57000	2.55347	195.74	195.74	0.00	8-HR	ALL	1ST	12090908
444971.90000	3759601.64000	2.43312	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
444978.65000	3759786.56000	2.14456	196.00	196.00	0.00	8-HR	ALL	1ST	12110208
444950.62000	3759720.51000	2.04057	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
444922.60000	3759654.46000	1.96865	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
444928.32000	3759836.96000	1.75401	196.36	196.36	0.00	8-HR	ALL	1ST	12110208
444899.28000	3759768.52000	1.67430	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
444870.23000	3759700.07000	1.62706	195.79	195.79	0.00	8-HR	ALL	1ST	12090908
444841.18000	3759631.62000	1.56863	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
444878.27000	3759888.03000	1.46634	197.00	197.00	0.00	8-HR	ALL	1ST	12110208
444849.60000	3759820.46000	1.40329	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
444820.92000	3759752.89000	1.37417	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
444792.25000	3759685.32000	1.33678	195.00	195.00	0.00	8-HR	ALL	1ST	12090908

444763.58000	3759617.75000	1.28980	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445245.84000	3759627.28000	9.70378	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445315.15000	3759627.01000	8.14559	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445384.46000	3759626.74000	8.12052	196.35	196.35	0.00	8-HR	ALL	1ST	12090908
445195.71000	3759678.17000	6.17446	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445315.43000	3759698.44000	5.35936	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445384.74000	3759698.17000	5.00356	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445195.99000	3759749.59000	5.50031	196.75	196.75	0.00	8-HR	ALL	1ST	12090908
445315.70000	3759769.86000	4.21209	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445385.01000	3759769.59000	3.73729	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445196.27000	3759821.02000	5.06460	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445095.46000	3759779.94000	3.52699	196.46	196.46	0.00	8-HR	ALL	1ST	12090908
445315.98000	3759841.29000	3.52880	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445385.29000	3759841.02000	3.02535	197.42	197.42	0.00	8-HR	ALL	1ST	12090908
445120.94000	3759861.64000	4.08265	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445246.95000	3759912.99000	4.60860	197.22	197.22	0.00	8-HR	ALL	1ST	12090908
445316.26000	3759912.72000	3.08100	197.95	197.95	0.00	8-HR	ALL	1ST	12090908
445385.57000	3759912.45000	2.56784	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445186.75000	3759959.77000	4.38566	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445065.78000	3759910.47000	2.71945	197.00	197.00	0.00	8-HR	ALL	1ST	12110208
445316.54000	3759984.15000	2.77199	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445385.85000	3759983.88000	2.24697	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445188.70000	3760031.88000	4.21840	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445071.10000	3759983.95000	2.64082	198.00	198.00	0.00	8-HR	ALL	1ST	12110208
444953.49000	3759936.03000	1.73363	197.00	197.00	0.00	8-HR	ALL	1ST	12110208
445316.82000	3760055.58000	2.53314	198.64	198.64	0.00	8-HR	ALL	1ST	12090908
445386.13000	3760055.31000	2.00054	199.00	199.00	0.00	8-HR	ALL	1ST	12090908
445455.87000	3759625.89000	8.40387	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445526.71000	3759625.04000	8.74227	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445456.72000	3759697.31000	4.89231	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445527.56000	3759696.47000	4.75709	197.00	197.00	0.00	8-HR	ALL	1ST	11020508
445457.58000	3759768.74000	3.51081	197.02	197.02	0.00	8-HR	ALL	1ST	12090908
445528.42000	3759767.89000	3.36378	197.65	197.65	0.00	8-HR	ALL	1ST	11020508
445458.43000	3759840.16000	2.76029	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445529.27000	3759839.31000	2.57645	198.00	198.00	0.00	8-HR	ALL	1ST	11020508
445459.28000	3759911.58000	2.28894	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445530.12000	3759910.74000	2.10643	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445460.13000	3759983.01000	1.96108	198.50	198.50	0.00	8-HR	ALL	1ST	12090908
445530.97000	3759982.16000	1.78442	199.00	199.00	0.00	8-HR	ALL	1ST	12090908
445460.98000	3760054.43000	1.71398	199.00	199.00	0.00	8-HR	ALL	1ST	12090908
445531.82000	3760053.58000	1.54489	199.43	199.43	0.00	8-HR	ALL	1ST	12090908
445621.39000	3759629.57000	7.20892	197.00	197.00	0.00	8-HR	ALL	1ST	11020808
445621.14000	3759701.00000	4.21305	197.00	197.00	0.00	8-HR	ALL	1ST	11020508
445620.90000	3759772.42000	3.04763	198.00	198.00	0.00	8-HR	ALL	1ST	11020508
445620.65000	3759843.85000	2.40449	198.00	198.00	0.00	8-HR	ALL	1ST	11020508
445620.41000	3759915.28000	1.97505	198.99	198.99	0.00	8-HR	ALL	1ST	11020508
445620.16000	3759986.71000	1.64648	199.00	199.00	0.00	8-HR	ALL	1ST	11020508
445619.92000	3760058.14000	1.40123	200.00	200.00	0.00	8-HR	ALL	1ST	11020508
445730.13000	3759558.82000	7.09971	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445701.29000	3759471.56000	5.04431	196.07	196.07	0.00	8-HR	ALL	1ST	12090908
445643.02000	3759368.26000	4.42086	195.73	195.73	0.00	8-HR	ALL	1ST	12090908
445750.20000	3759654.09000	4.43329	197.28	197.28	0.00	8-HR	ALL	1ST	12090908
445792.63000	3759488.11000	4.25183	196.85	196.85	0.00	8-HR	ALL	1ST	12090908
445734.36000	3759384.82000	3.34487	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445853.96000	3759559.85000	4.51249	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445806.67000	3759693.16000	3.19924	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445713.87000	3759746.11000	3.06295	198.00	198.00	0.00	8-HR	ALL	1ST	11020808
445854.85000	3759453.02000	3.19726	197.00	197.00	0.00	8-HR	ALL	1ST	11102024
445796.58000	3759349.72000	2.57504	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445738.31000	3759246.43000	2.29470	195.00	195.00	0.00	8-HR	ALL	1ST	11011724
445916.11000	3759531.88000	5.60626	197.10	197.10	0.00	8-HR	ALL	1ST	12090908
445915.16000	3759645.84000	3.89697	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445865.19000	3759731.05000	2.54311	198.00	198.00	0.00	8-HR	ALL	1ST	10042824
445716.72000	3759815.77000	2.38121	198.00	198.00	0.00	8-HR	ALL	1ST	11020808
445917.06000	3759417.92000	2.52361	197.00	197.00	0.00	8-HR	ALL	1ST	11102024
445858.79000	3759314.63000	2.07131	195.98	195.98	0.00	8-HR	ALL	1ST	12090908
445800.52000	3759211.33000	1.86475	195.00	195.00	0.00	8-HR	ALL	1ST	11011724
445978.42000	3759484.57000	3.24104	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445977.57000	3759586.32000	4.22985	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
445976.72000	3759688.07000	2.67633	198.23	198.23	0.00	8-HR	ALL	1ST	12090908
445932.11000	3759764.16000	2.14678	199.00	199.00	0.00	8-HR	ALL	1ST	10042824
445843.74000	3759814.58000	2.02406	199.00	199.00	0.00	8-HR	ALL	1ST	11020808
445711.17000	3759890.23000	1.97427	199.00	199.00	0.00	8-HR	ALL	1ST	11020508
445979.27000	3759382.83000	2.01961	197.00	197.00	0.00	8-HR	ALL	1ST	11102024

445921.00000	3759279.53000	1.70776	195.94	195.94	0.00	8-HR	ALL	1ST	12090908
446040.59000	3759454.57000	2.46808	197.43	197.43	0.00	8-HR	ALL	1ST	12090908
446039.26000	3759614.82000	5.15424	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
446038.36000	3759721.65000	2.06057	199.00	199.00	0.00	8-HR	ALL	1ST	12090908
445991.52000	3759801.55000	1.84526	199.01	199.01	0.00	8-HR	ALL	1ST	10042824
445898.73000	3759854.50000	1.68436	199.00	199.00	0.00	8-HR	ALL	1ST	11020808
445805.93000	3759907.44000	1.72070	199.00	199.00	0.00	8-HR	ALL	1ST	11020808
445713.14000	3759960.39000	1.66972	199.00	199.00	0.00	8-HR	ALL	1ST	11020508
446041.48000	3759347.73000	1.63082	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445983.21000	3759244.44000	1.43858	196.00	196.00	0.00	8-HR	ALL	1ST	12112024
445924.94000	3759141.14000	1.31525	195.00	195.00	0.00	8-HR	ALL	1ST	11011724
446102.77000	3759423.43000	1.89568	197.45	197.45	0.00	8-HR	ALL	1ST	12090908
446101.85000	3759534.22000	5.08451	198.00	198.00	0.00	8-HR	ALL	1ST	12090908
446100.92000	3759645.01000	3.18900	198.99	198.99	0.00	8-HR	ALL	1ST	12090908
446100.00000	3759755.80000	1.63842	199.45	199.45	0.00	8-HR	ALL	1ST	10042824
446051.42000	3759838.66000	1.61204	200.00	200.00	0.00	8-HR	ALL	1ST	10042824
445955.19000	3759893.57000	1.50366	200.21	200.21	0.00	8-HR	ALL	1ST	10042824
445810.84000	3759975.93000	1.48088	200.00	200.00	0.00	8-HR	ALL	1ST	11020508
445714.61000	3760030.84000	1.44110	200.00	200.00	0.00	8-HR	ALL	1ST	11020508
446103.70000	3759312.64000	1.33886	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
446045.43000	3759209.34000	1.22600	196.00	196.00	0.00	8-HR	ALL	1ST	12112024
445987.16000	3759106.05000	1.15068	195.00	195.00	0.00	8-HR	ALL	1ST	8110324
445668.21000	3759558.30000	6.72674	197.00	197.00	0.00	8-HR	ALL	1ST	12090908
445551.67000	3759351.71000	5.97291	195.00	195.00	0.00	8-HR	ALL	1ST	12090908
445218.51000	3759227.44000	7.87873	194.01	194.01	0.00	8-HR	ALL	1ST	12090908
445223.29000	3759266.56000	11.61657	194.65	194.65	0.00	8-HR	ALL	1ST	12090908
445225.18000	3759410.23000	13.84310	195.07	195.07	0.00	8-HR	ALL	1ST	12090908
445234.21000	3759476.19000	11.71587	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445234.88000	3759545.33000	10.65469	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445245.56000	3759555.85000	10.36016	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445384.18000	3759555.31000	10.06822	196.00	196.00	0.00	8-HR	ALL	1ST	12090908
445525.86000	3759553.62000	20.78324	196.00	196.00	0.00	8-HR	ALL	1ST	12110208
445575.06000	3759557.98000	14.88715	197.00	197.00	0.00	8-HR	ALL	1ST	12090908

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix H:  
AERMOD NO<sub>2</sub> Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\NOx\NOx.ADI
**
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*****

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** AERMOD Control Pathway
*****
**
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CO STARTING
  TITLEONE Eastvale Crossings NOx 2017
  TITLETWO All NOx Emissions
  MODELOPT DFAULT CONC
  AVERTIME 1 ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID NOX
  RUNORNOT RUN
  ERRORFIL NOx.err

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CO FINISHED
**
*****

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** AERMOD Source Pathway
*****
**
**

```

SO STARTING

```

** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+axle truck idling Parcel 4
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

\*\* -----  
 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart  
 \*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.002116  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

\*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

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 LOCATION L0002361 VOLUME 445227.542 3759320.626 195.00  
 LOCATION L0002362 VOLUME 445234.781 3759321.013 195.00  
 LOCATION L0002363 VOLUME 445242.020 3759321.399 195.00  
 LOCATION L0002364 VOLUME 445249.259 3759321.786 195.00  
 LOCATION L0002365 VOLUME 445256.498 3759322.172 195.00  
 LOCATION L0002366 VOLUME 445263.737 3759322.559 195.00  
 LOCATION L0002367 VOLUME 445270.976 3759322.945 195.00  
 LOCATION L0002368 VOLUME 445277.542 3759325.289 195.00  
 LOCATION L0002369 VOLUME 445283.491 3759329.432 195.00  
 LOCATION L0002370 VOLUME 445289.440 3759333.574 195.00  
 LOCATION L0002371 VOLUME 445296.069 3759334.240 195.00  
 LOCATION L0002372 VOLUME 445303.068 3759332.438 195.00  
 LOCATION L0002373 VOLUME 445309.581 3759329.254 195.00  
 LOCATION L0002374 VOLUME 445316.093 3759326.071 195.00  
 LOCATION L0002375 VOLUME 445322.606 3759322.887 195.00  
 LOCATION L0002376 VOLUME 445329.118 3759319.703 195.00  
 LOCATION L0002377 VOLUME 445335.631 3759316.519 195.00  
 LOCATION L0002378 VOLUME 445342.375 3759314.064 195.00  
 LOCATION L0002379 VOLUME 445349.531 3759312.910 195.00  
 LOCATION L0002380 VOLUME 445356.688 3759311.755 195.00  
 LOCATION L0002381 VOLUME 445363.845 3759310.601 195.00  
 LOCATION L0002382 VOLUME 445370.994 3759309.920 195.00  
 LOCATION L0002383 VOLUME 445378.108 3759311.311 195.00  
 LOCATION L0002384 VOLUME 445385.223 3759312.702 195.00  
 LOCATION L0002385 VOLUME 445392.337 3759314.093 195.00  
 LOCATION L0002386 VOLUME 445399.451 3759315.485 195.00  
 LOCATION L0002387 VOLUME 445406.566 3759316.876 195.00  
 LOCATION L0002388 VOLUME 445413.680 3759318.267 195.00  
 LOCATION L0002389 VOLUME 445420.795 3759319.658 195.00  
 LOCATION L0002390 VOLUME 445427.909 3759321.049 195.00  
 LOCATION L0002391 VOLUME 445435.024 3759322.441 195.00  
 LOCATION L0002392 VOLUME 445442.138 3759323.832 195.00  
 LOCATION L0002393 VOLUME 445449.252 3759325.223 195.00  
 LOCATION L0002394 VOLUME 445456.296 3759326.846 195.00  
 LOCATION L0002395 VOLUME 445462.978 3759329.658 195.00  
 LOCATION L0002396 VOLUME 445469.659 3759332.470 195.00  
 LOCATION L0002397 VOLUME 445476.341 3759335.282 195.00  
 LOCATION L0002398 VOLUME 445483.022 3759338.095 195.00

LOCATION	VOLUME				
LOCATION L0002399	VOLUME	445489.704	3759340.907	195.00	
LOCATION L0002400	VOLUME	445496.385	3759343.719	195.00	
LOCATION L0002401	VOLUME	445503.067	3759346.531	195.00	
LOCATION L0002402	VOLUME	445509.748	3759349.343	195.00	
LOCATION L0002403	VOLUME	445516.430	3759352.155	195.00	
LOCATION L0002404	VOLUME	445523.111	3759354.967	195.00	
LOCATION L0002405	VOLUME	445529.491	3759358.340	195.00	
LOCATION L0002406	VOLUME	445535.512	3759362.377	195.00	
LOCATION L0002407	VOLUME	445541.533	3759366.413	195.00	
LOCATION L0002408	VOLUME	445547.555	3759370.450	195.00	
LOCATION L0002409	VOLUME	445553.576	3759374.486	195.00	
LOCATION L0002410	VOLUME	445559.492	3759378.610	195.08	
LOCATION L0002411	VOLUME	445562.276	3759385.303	195.30	
LOCATION L0002412	VOLUME	445565.060	3759391.996	195.52	
LOCATION L0002413	VOLUME	445567.845	3759398.689	195.75	
LOCATION L0002414	VOLUME	445570.629	3759405.382	195.97	
LOCATION L0002415	VOLUME	445573.413	3759412.075	196.00	
LOCATION L0002416	VOLUME	445574.959	3759418.882	196.00	
LOCATION L0002417	VOLUME	445573.434	3759425.969	196.00	
LOCATION L0002418	VOLUME	445571.910	3759433.056	196.00	
LOCATION L0002419	VOLUME	445570.385	3759440.143	196.00	
LOCATION L0002420	VOLUME	445568.860	3759447.230	196.00	
LOCATION L0002421	VOLUME	445567.336	3759454.317	196.00	
LOCATION L0002422	VOLUME	445565.811	3759461.404	196.00	
LOCATION L0002423	VOLUME	445564.286	3759468.491	196.00	
LOCATION L0002424	VOLUME	445562.762	3759475.578	196.00	
LOCATION L0002425	VOLUME	445561.237	3759482.665	196.00	
LOCATION L0002426	VOLUME	445559.713	3759489.752	196.00	
LOCATION L0002427	VOLUME	445558.188	3759496.839	196.00	
LOCATION L0002428	VOLUME	445556.663	3759503.926	196.00	
LOCATION L0002429	VOLUME	445555.139	3759511.013	196.00	
LOCATION L0002430	VOLUME	445553.614	3759518.100	196.00	
LOCATION L0002431	VOLUME	445552.089	3759525.187	196.00	
LOCATION L0002432	VOLUME	445550.565	3759532.274	196.07	
LOCATION L0002433	VOLUME	445549.364	3759539.401	196.15	
LOCATION L0002434	VOLUME	445549.118	3759546.646	196.22	
LOCATION L0002435	VOLUME	445548.872	3759553.891	196.29	

\*\* End of LINE VOLUME Source ID = RDWAL

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0001667

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

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LOCATION L0002436	VOLUME	445645.846	3759556.460	197.00	
LOCATION L0002437	VOLUME	445645.846	3759549.203	196.89	
LOCATION L0002438	VOLUME	445645.846	3759541.946	196.78	
LOCATION L0002439	VOLUME	445644.074	3759535.054	196.64	
LOCATION L0002440	VOLUME	445641.205	3759528.389	196.44	
LOCATION L0002441	VOLUME	445638.336	3759521.723	196.25	
LOCATION L0002442	VOLUME	445631.932	3759518.366	196.06	

LOCATION	VOLUME				
LOCATION L0002443	VOLUME	445625.470	3759515.063	196.00	
LOCATION L0002444	VOLUME	445619.009	3759511.760	196.00	
LOCATION L0002445	VOLUME	445612.078	3759509.658	196.00	
LOCATION L0002446	VOLUME	445605.088	3759507.708	196.00	
LOCATION L0002447	VOLUME	445598.098	3759505.757	196.00	
LOCATION L0002448	VOLUME	445591.108	3759503.806	196.00	
LOCATION L0002449	VOLUME	445587.871	3759497.957	196.00	
LOCATION L0002450	VOLUME	445585.262	3759491.466	196.00	
LOCATION L0002451	VOLUME	445578.222	3759489.706	196.00	
LOCATION L0002452	VOLUME	445571.182	3759487.946	196.00	
LOCATION L0002453	VOLUME	445566.151	3759489.888	196.00	
LOCATION L0002454	VOLUME	445563.792	3759496.751	196.00	
LOCATION L0002455	VOLUME	445561.433	3759503.614	196.00	
LOCATION L0002456	VOLUME	445559.548	3759510.585	196.00	
LOCATION L0002457	VOLUME	445558.669	3759517.789	196.00	
LOCATION L0002458	VOLUME	445557.789	3759524.992	196.00	
LOCATION L0002459	VOLUME	445556.910	3759532.196	196.12	
LOCATION L0002460	VOLUME	445556.031	3759539.399	196.24	
LOCATION L0002461	VOLUME	445555.151	3759546.603	196.36	
LOCATION L0002462	VOLUME	445554.272	3759553.806	196.46	

\*\* End of LINE VOLUME Source ID = RDP A2

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0005913

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION L0002463	VOLUME	445542.695	3759552.709	196.10	
LOCATION L0002464	VOLUME	445543.718	3759545.469	196.09	
LOCATION L0002465	VOLUME	445544.743	3759538.229	196.07	
LOCATION L0002466	VOLUME	445545.867	3759531.003	196.03	
LOCATION L0002467	VOLUME	445546.990	3759523.777	196.00	
LOCATION L0002468	VOLUME	445548.113	3759516.552	196.00	
LOCATION L0002469	VOLUME	445549.237	3759509.326	196.00	
LOCATION L0002470	VOLUME	445550.360	3759502.101	196.00	
LOCATION L0002471	VOLUME	445551.484	3759494.875	196.00	
LOCATION L0002472	VOLUME	445552.607	3759487.649	196.00	
LOCATION L0002473	VOLUME	445548.497	3759484.040	196.00	
LOCATION L0002474	VOLUME	445541.341	3759482.536	196.00	
LOCATION L0002475	VOLUME	445534.185	3759481.031	196.00	
LOCATION L0002476	VOLUME	445527.029	3759479.527	196.00	
LOCATION L0002477	VOLUME	445519.873	3759478.022	196.00	
LOCATION L0002478	VOLUME	445512.717	3759476.517	196.00	
LOCATION L0002479	VOLUME	445505.561	3759475.013	196.00	
LOCATION L0002480	VOLUME	445498.405	3759473.508	196.00	
LOCATION L0002481	VOLUME	445491.249	3759472.004	196.00	
LOCATION L0002482	VOLUME	445484.093	3759470.499	196.00	

LOCATION	L0002483	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0002484	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0002485	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0002486	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0002487	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0002488	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0002489	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0002490	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0002491	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0002492	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0002493	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0002494	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0002495	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0002496	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0002497	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0002498	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0002499	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0002500	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0002501	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0002502	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0002503	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0002504	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0002505	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0002506	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0002507	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0002508	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0002509	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0002510	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0002511	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0002512	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0002513	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0002514	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0002515	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0002516	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0002517	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0002518	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0002519	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0002520	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0002521	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0002522	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0002523	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0002524	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0002525	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0002526	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0002527	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0002528	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0002529	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0002530	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0002531	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0002532	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0002533	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0002534	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0002535	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0002536	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0002537	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0002538	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0002539	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0002540	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0002541	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0002542	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0002543	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0002544	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0002545	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0002546	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0002547	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDP A5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 0.0003721
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
** -----

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LOCATION	VOLUME	445226.874	3759313.749	195.00
LOCATION L0002548	VOLUME	445226.874	3759313.749	195.00
LOCATION L0002549	VOLUME	445234.112	3759313.925	195.00
LOCATION L0002550	VOLUME	445241.350	3759314.100	195.00
LOCATION L0002551	VOLUME	445248.588	3759314.276	195.00
LOCATION L0002552	VOLUME	445255.826	3759314.451	195.00
LOCATION L0002553	VOLUME	445263.065	3759314.627	195.00
LOCATION L0002554	VOLUME	445270.302	3759314.804	195.00
LOCATION L0002555	VOLUME	445277.095	3759317.311	195.00
LOCATION L0002556	VOLUME	445283.840	3759319.936	195.00
LOCATION L0002557	VOLUME	445290.477	3759322.829	195.00
LOCATION L0002558	VOLUME	445297.114	3759325.722	195.00
LOCATION L0002559	VOLUME	445303.314	3759322.644	195.00
LOCATION L0002560	VOLUME	445309.457	3759318.813	195.00
LOCATION L0002561	VOLUME	445306.373	3759312.328	195.00
LOCATION L0002562	VOLUME	445301.616	3759308.299	195.00
LOCATION L0002563	VOLUME	445294.378	3759308.149	195.00
LOCATION L0002564	VOLUME	445287.139	3759307.999	195.00
LOCATION L0002565	VOLUME	445279.900	3759307.849	195.00
LOCATION L0002566	VOLUME	445272.661	3759307.699	195.00
LOCATION L0002567	VOLUME	445269.210	3759303.976	195.00
LOCATION L0002568	VOLUME	445269.482	3759296.740	195.00
LOCATION L0002569	VOLUME	445269.754	3759289.505	195.00
LOCATION L0002570	VOLUME	445270.026	3759282.270	195.00
LOCATION L0002571	VOLUME	445270.298	3759275.035	195.00
LOCATION L0002572	VOLUME	445270.570	3759267.800	195.00
LOCATION L0002573	VOLUME	445270.842	3759260.564	195.00
LOCATION L0002574	VOLUME	445276.902	3759261.891	195.00
LOCATION L0002575	VOLUME	445283.718	3759264.335	195.00
LOCATION L0002576	VOLUME	445290.533	3759266.779	195.00
LOCATION L0002577	VOLUME	445297.348	3759269.223	195.00
LOCATION L0002578	VOLUME	445304.164	3759271.667	195.00
LOCATION L0002579	VOLUME	445309.441	3759275.700	195.00
LOCATION L0002580	VOLUME	445312.108	3759282.431	195.00
LOCATION L0002581	VOLUME	445312.408	3759289.609	195.00
LOCATION L0002582	VOLUME	445312.373	3759296.849	195.00
LOCATION L0002583	VOLUME	445312.338	3759304.089	195.00
LOCATION L0002584	VOLUME	445312.303	3759311.329	195.00
LOCATION L0002585	VOLUME	445312.269	3759318.570	195.00
LOCATION L0002586	VOLUME	445309.414	3759323.918	195.00



LOCATION L0002587	VOLUME	445302.728	3759326.696	195.00
LOCATION L0002588	VOLUME	445296.042	3759329.473	195.00
LOCATION L0002589	VOLUME	445289.744	3759327.731	195.00
LOCATION L0002590	VOLUME	445283.629	3759323.853	195.00
LOCATION L0002591	VOLUME	445277.495	3759320.022	195.00
LOCATION L0002592	VOLUME	445270.476	3759318.245	195.00
LOCATION L0002593	VOLUME	445263.257	3759317.983	195.00
LOCATION L0002594	VOLUME	445256.017	3759317.877	195.00
LOCATION L0002595	VOLUME	445248.778	3759317.771	195.00
LOCATION L0002596	VOLUME	445241.538	3759317.664	195.00
LOCATION L0002597	VOLUME	445234.299	3759317.558	195.00
LOCATION L0002598	VOLUME	445227.059	3759317.452	195.00

\*\* End of LINE VOLUME Source ID = RDPA5  
 \*\* -----  
 \*\* Line Source Represented by Separated Volume Sources  
 \*\* LINE VOLUME Source ID = RDARN  
 \*\* DESCRSRC Total trucks Archibald Ave North  
 \*\* PREFIX  
 \*\* Length of Side = 18.29  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.007414  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 4  
 \*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48  
 \*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48  
 \*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48  
 \*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48  
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LOCATION L0002599	VOLUME	445207.091	3759577.130	196.00
LOCATION L0002600	VOLUME	445206.717	3759612.549	196.00
LOCATION L0002601	VOLUME	445206.342	3759647.969	196.00
LOCATION L0002602	VOLUME	445205.968	3759683.388	196.00
LOCATION L0002603	VOLUME	445205.594	3759718.808	196.36
LOCATION L0002604	VOLUME	445202.362	3759754.043	196.90
LOCATION L0002605	VOLUME	445198.185	3759789.218	197.00
LOCATION L0002606	VOLUME	445194.008	3759824.392	197.00
LOCATION L0002607	VOLUME	445189.831	3759859.567	197.00
LOCATION L0002608	VOLUME	445187.677	3759894.850	197.00
LOCATION L0002609	VOLUME	445188.062	3759930.269	197.47
LOCATION L0002610	VOLUME	445188.447	3759965.689	198.00
LOCATION L0002611	VOLUME	445188.832	3760001.108	198.00
LOCATION L0002612	VOLUME	445189.216	3760036.527	198.00
LOCATION L0002613	VOLUME	445189.601	3760071.947	198.19
LOCATION L0002614	VOLUME	445189.986	3760107.366	199.00
LOCATION L0002615	VOLUME	445190.371	3760142.786	199.00
LOCATION L0002616	VOLUME	445190.756	3760178.205	199.00
LOCATION L0002617	VOLUME	445191.141	3760213.625	199.36
LOCATION L0002618	VOLUME	445191.526	3760249.044	200.00
LOCATION L0002619	VOLUME	445191.911	3760284.464	200.00
LOCATION L0002620	VOLUME	445192.296	3760319.883	200.00

\*\* End of LINE VOLUME Source ID = RDARN  
 \*\* -----  
 \*\* Line Source Represented by Separated Volume Sources  
 \*\* LINE VOLUME Source ID = RDARS  
 \*\* DESCRSRC Total trucks Archibald Ave South  
 \*\* PREFIX  
 \*\* Length of Side = 18.29  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.0107  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 5  
 \*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62  
 \*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62  
 \*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	L0002621	VOLUME	445204.791	3759551.414	196.00
LOCATION	L0002622	VOLUME	445205.297	3759515.693	196.00
LOCATION	L0002623	VOLUME	445205.803	3759479.971	195.94
LOCATION	L0002624	VOLUME	445206.308	3759444.249	195.24
LOCATION	L0002625	VOLUME	445206.814	3759408.528	195.00
LOCATION	L0002626	VOLUME	445207.320	3759372.806	195.00
LOCATION	L0002627	VOLUME	445207.826	3759337.084	195.00
LOCATION	L0002628	VOLUME	445208.207	3759301.362	195.00
LOCATION	L0002629	VOLUME	445208.157	3759265.636	194.31
LOCATION	L0002630	VOLUME	445208.108	3759229.911	194.00
LOCATION	L0002631	VOLUME	445208.059	3759194.186	194.00
LOCATION	L0002632	VOLUME	445208.010	3759158.461	193.99
LOCATION	L0002633	VOLUME	445207.961	3759122.736	193.52
LOCATION	L0002634	VOLUME	445207.727	3759087.011	193.00
LOCATION	L0002635	VOLUME	445207.457	3759051.287	193.00
LOCATION	L0002636	VOLUME	445207.187	3759015.563	193.00
LOCATION	L0002637	VOLUME	445206.917	3758979.838	192.79
LOCATION	L0002638	VOLUME	445206.646	3758944.114	192.00
LOCATION	L0002639	VOLUME	445206.376	3758908.390	192.00
LOCATION	L0002640	VOLUME	445206.106	3758872.666	192.00
LOCATION	L0002641	VOLUME	445205.836	3758836.941	192.00
LOCATION	L0002642	VOLUME	445205.565	3758801.217	191.73
LOCATION	L0002643	VOLUME	445205.421	3758765.492	191.00
LOCATION	L0002644	VOLUME	445205.345	3758729.767	191.00
LOCATION	L0002645	VOLUME	445205.269	3758694.042	191.00
LOCATION	L0002646	VOLUME	445205.192	3758658.317	190.07
LOCATION	L0002647	VOLUME	445205.116	3758622.591	190.00

\*\* End of LINE VOLUME Source ID = RDARS

\*\* -----  
\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 0.01018  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	L0002648	VOLUME	445231.515	3759571.834	196.00
LOCATION	L0002649	VOLUME	445267.255	3759572.195	196.00
LOCATION	L0002650	VOLUME	445302.994	3759572.557	196.00
LOCATION	L0002651	VOLUME	445338.734	3759572.919	196.00
LOCATION	L0002652	VOLUME	445374.473	3759573.280	196.00
LOCATION	L0002653	VOLUME	445410.213	3759573.642	196.00
LOCATION	L0002654	VOLUME	445445.952	3759574.003	196.00
LOCATION	L0002655	VOLUME	445481.691	3759574.365	196.05
LOCATION	L0002656	VOLUME	445517.431	3759574.727	196.61
LOCATION	L0002657	VOLUME	445553.170	3759575.088	196.80
LOCATION	L0002658	VOLUME	445588.910	3759575.450	197.00
LOCATION	L0002659	VOLUME	445624.649	3759575.812	197.00
LOCATION	L0002660	VOLUME	445660.389	3759575.875	197.00
LOCATION	L0002661	VOLUME	445696.129	3759575.578	197.00
LOCATION	L0002662	VOLUME	445731.869	3759575.281	197.00
LOCATION	L0002663	VOLUME	445767.609	3759574.984	197.00
LOCATION	L0002664	VOLUME	445803.349	3759574.687	197.00
LOCATION	L0002665	VOLUME	445839.089	3759574.390	197.00
LOCATION	L0002666	VOLUME	445874.829	3759574.092	197.11

LOCATION L0002667	VOLUME	445910.569	3759573.795	197.74
LOCATION L0002668	VOLUME	445946.310	3759573.604	198.00
LOCATION L0002669	VOLUME	445982.051	3759573.507	198.00
LOCATION L0002670	VOLUME	446017.792	3759573.410	198.00
LOCATION L0002671	VOLUME	446053.533	3759573.313	198.00
LOCATION L0002672	VOLUME	446089.274	3759573.216	198.00
LOCATION L0002673	VOLUME	446125.016	3759573.119	198.29
LOCATION L0002674	VOLUME	446160.757	3759573.022	198.87
LOCATION L0002675	VOLUME	446196.498	3759572.925	199.00

\*\* End of LINE VOLUME Source ID = RDLIM

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDONA

\*\* DESCRSRC Onsite Automobile Route

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.01198

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 12

\*\* 445225.063, 3759324.604, 195.00, 0.00, 3.39

\*\* 445265.323, 3759325.117, 195.00, 0.00, 3.39

\*\* 445286.408, 3759334.110, 195.00, 0.00, 3.39

\*\* 445300.154, 3759345.582, 195.00, 0.00, 3.39

\*\* 445306.917, 3759359.499, 195.00, 0.00, 3.39

\*\* 445306.345, 3759378.383, 195.00, 0.00, 3.39

\*\* 445299.348, 3759399.376, 195.00, 0.00, 3.39

\*\* 445294.055, 3759425.126, 195.71, 0.00, 3.39

\*\* 445556.709, 3759482.068, 196.00, 0.00, 3.39

\*\* 445550.111, 3759519.042, 196.00, 0.00, 3.39

\*\* 445546.827, 3759539.958, 196.12, 0.00, 3.39

\*\* 445545.731, 3759554.776, 196.06, 0.00, 3.39

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LOCATION L0002676	VOLUME	445226.891	3759324.627	195.00
LOCATION L0002677	VOLUME	445234.174	3759324.720	195.00
LOCATION L0002678	VOLUME	445241.457	3759324.813	195.00
LOCATION L0002679	VOLUME	445248.740	3759324.906	195.00
LOCATION L0002680	VOLUME	445256.023	3759324.999	195.00
LOCATION L0002681	VOLUME	445263.306	3759325.092	195.00
LOCATION L0002682	VOLUME	445270.167	3759327.183	195.00
LOCATION L0002683	VOLUME	445276.866	3759330.040	195.00
LOCATION L0002684	VOLUME	445283.566	3759332.898	195.00
LOCATION L0002685	VOLUME	445289.628	3759336.797	195.00
LOCATION L0002686	VOLUME	445295.220	3759341.464	195.00
LOCATION L0002687	VOLUME	445300.529	3759346.352	195.00
LOCATION L0002688	VOLUME	445303.712	3759352.903	195.00
LOCATION L0002689	VOLUME	445306.895	3759359.454	195.00
LOCATION L0002690	VOLUME	445306.698	3759366.729	195.00
LOCATION L0002691	VOLUME	445306.478	3759374.009	195.00
LOCATION L0002692	VOLUME	445305.426	3759381.142	195.00
LOCATION L0002693	VOLUME	445303.123	3759388.051	195.00
LOCATION L0002694	VOLUME	445300.820	3759394.961	195.00
LOCATION L0002695	VOLUME	445298.819	3759401.952	195.00
LOCATION L0002696	VOLUME	445297.352	3759409.086	195.09
LOCATION L0002697	VOLUME	445295.886	3759416.221	195.33
LOCATION L0002698	VOLUME	445294.419	3759423.355	195.57
LOCATION L0002699	VOLUME	445299.406	3759426.286	195.67
LOCATION L0002700	VOLUME	445306.524	3759427.830	195.72
LOCATION L0002701	VOLUME	445313.642	3759429.373	195.77
LOCATION L0002702	VOLUME	445320.760	3759430.916	195.82
LOCATION L0002703	VOLUME	445327.878	3759432.459	195.87
LOCATION L0002704	VOLUME	445334.997	3759434.002	195.92
LOCATION L0002705	VOLUME	445342.115	3759435.545	195.98
LOCATION L0002706	VOLUME	445349.233	3759437.088	196.00
LOCATION L0002707	VOLUME	445356.351	3759438.632	196.00

LOCATION	L0002708	VOLUME	445363.469	3759440.175	196.00
LOCATION	L0002709	VOLUME	445370.587	3759441.718	196.00
LOCATION	L0002710	VOLUME	445377.705	3759443.261	196.00
LOCATION	L0002711	VOLUME	445384.824	3759444.804	196.00
LOCATION	L0002712	VOLUME	445391.942	3759446.347	196.00
LOCATION	L0002713	VOLUME	445399.060	3759447.891	196.00
LOCATION	L0002714	VOLUME	445406.178	3759449.434	196.00
LOCATION	L0002715	VOLUME	445413.296	3759450.977	196.00
LOCATION	L0002716	VOLUME	445420.414	3759452.520	196.00
LOCATION	L0002717	VOLUME	445427.532	3759454.063	196.00
LOCATION	L0002718	VOLUME	445434.650	3759455.606	196.00
LOCATION	L0002719	VOLUME	445441.769	3759457.150	196.00
LOCATION	L0002720	VOLUME	445448.887	3759458.693	196.00
LOCATION	L0002721	VOLUME	445456.005	3759460.236	196.00
LOCATION	L0002722	VOLUME	445463.123	3759461.779	196.00
LOCATION	L0002723	VOLUME	445470.241	3759463.322	196.00
LOCATION	L0002724	VOLUME	445477.359	3759464.865	196.00
LOCATION	L0002725	VOLUME	445484.477	3759466.408	196.00
LOCATION	L0002726	VOLUME	445491.596	3759467.952	196.00
LOCATION	L0002727	VOLUME	445498.714	3759469.495	196.00
LOCATION	L0002728	VOLUME	445505.832	3759471.038	196.00
LOCATION	L0002729	VOLUME	445512.950	3759472.581	196.00
LOCATION	L0002730	VOLUME	445520.068	3759474.124	196.00
LOCATION	L0002731	VOLUME	445527.186	3759475.667	196.00
LOCATION	L0002732	VOLUME	445534.304	3759477.211	196.00
LOCATION	L0002733	VOLUME	445541.422	3759478.754	196.00
LOCATION	L0002734	VOLUME	445548.541	3759480.297	196.00
LOCATION	L0002735	VOLUME	445555.659	3759481.840	196.00
LOCATION	L0002736	VOLUME	445555.618	3759488.180	196.00
LOCATION	L0002737	VOLUME	445554.338	3759495.351	196.00
LOCATION	L0002738	VOLUME	445553.059	3759502.521	196.00
LOCATION	L0002739	VOLUME	445551.779	3759509.691	196.00
LOCATION	L0002740	VOLUME	445550.500	3759516.861	196.00
LOCATION	L0002741	VOLUME	445549.325	3759524.049	196.00
LOCATION	L0002742	VOLUME	445548.195	3759531.244	196.05
LOCATION	L0002743	VOLUME	445547.066	3759538.440	196.10
LOCATION	L0002744	VOLUME	445546.403	3759545.689	196.15
LOCATION	L0002745	VOLUME	445545.866	3759552.953	196.19

\*\* End of LINE VOLUME Source ID = RDONA

\*\* Source Parameters \*\*

SRCPARAM	IDWALE	0.0004808	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	0.0004808	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	0.002194	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	0.0002137	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	0.0004389	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	0.0003206	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	0.0006583	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	0.0003206	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	0.0006583	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	0.0004274	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	0.001097	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	0.0005419	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	0.0005419	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	0.0003613	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	0.0003613	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	0.0003613	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	0.0003613	3.658	501.000	50.00000	0.040

\*\* LINE VOLUME Source ID = RDWAL

SRCPARAM	L0002361	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002362	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002363	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002364	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002365	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002366	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002367	0.0000282133	3.66	3.37	0.85
SRCPARAM	L0002368	0.0000282133	3.66	3.37	0.85







SRCPARAM	L0002561	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002562	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002563	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002564	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002565	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002566	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002567	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002568	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002569	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002570	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002571	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002572	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002573	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002574	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002575	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002576	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002577	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002578	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002579	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002580	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002581	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002582	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002583	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002584	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002585	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002586	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002587	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002588	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002589	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002590	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002591	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002592	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002593	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002594	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002595	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002596	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002597	0.000007296	3.66	3.37	0.85
SRCPARAM	L0002598	0.000007296	3.66	3.37	0.85

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\*\* LINE VOLUME Source ID = RDARN

SRCPARAM	L0002599	0.000337	3.66	16.48	0.85
SRCPARAM	L0002600	0.000337	3.66	16.48	0.85
SRCPARAM	L0002601	0.000337	3.66	16.48	0.85
SRCPARAM	L0002602	0.000337	3.66	16.48	0.85
SRCPARAM	L0002603	0.000337	3.66	16.48	0.85
SRCPARAM	L0002604	0.000337	3.66	16.48	0.85
SRCPARAM	L0002605	0.000337	3.66	16.48	0.85
SRCPARAM	L0002606	0.000337	3.66	16.48	0.85
SRCPARAM	L0002607	0.000337	3.66	16.48	0.85
SRCPARAM	L0002608	0.000337	3.66	16.48	0.85
SRCPARAM	L0002609	0.000337	3.66	16.48	0.85
SRCPARAM	L0002610	0.000337	3.66	16.48	0.85
SRCPARAM	L0002611	0.000337	3.66	16.48	0.85
SRCPARAM	L0002612	0.000337	3.66	16.48	0.85
SRCPARAM	L0002613	0.000337	3.66	16.48	0.85
SRCPARAM	L0002614	0.000337	3.66	16.48	0.85
SRCPARAM	L0002615	0.000337	3.66	16.48	0.85
SRCPARAM	L0002616	0.000337	3.66	16.48	0.85
SRCPARAM	L0002617	0.000337	3.66	16.48	0.85
SRCPARAM	L0002618	0.000337	3.66	16.48	0.85
SRCPARAM	L0002619	0.000337	3.66	16.48	0.85
SRCPARAM	L0002620	0.000337	3.66	16.48	0.85

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\*\* LINE VOLUME Source ID = RDARS

SRCPARAM	L0002621	0.0003962963	3.66	16.62	0.85
SRCPARAM	L0002622	0.0003962963	3.66	16.62	0.85







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*****
** AERMOD Receptor Pathway
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**
RE STARTING
  INCLUDED NOx.rou
RE FINISHED
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*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\rivr8.sfc
  PROFFILE ..\rivr8.PFL
  SURFDATA 0 2008 Riverside 461640.00 3762100.00
  UAIRDATA 3190 2008
  SITEDATA 99999 2008
  PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST NOX.AD\01H1GALL.PLT 31
  PLOTFILE ANNUAL ALL NOX.AD\AN00GALL.PLT 32
  SUMMFILE NOx.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM World Geodetic System 1984
** DTMRGN Global Definition
** UNITS m
** ZONE 11
** ZONEINX 0
**
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\* AERMOD ( 14134): Eastvale Crossings NOx 2017

07/16/15

\* AERMET ( 14134):

15:18:16

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	2.50883	197.00	197.00	0.00	1-HR	ALL	1ST		11102017
445738.00000	3759518.00000	2.53622	197.00	197.00	0.00	1-HR	ALL	1ST		11102017
445697.00000	3759435.00000	2.41880	196.00	196.00	0.00	1-HR	ALL	1ST		11102017
445654.00000	3759362.00000	1.93628	195.52	195.52	0.00	1-HR	ALL	1ST		10080319
445627.00000	3759314.00000	2.09537	195.00	195.00	0.00	1-HR	ALL	1ST		10071821
445489.00000	3759232.00000	2.23479	195.00	195.00	0.00	1-HR	ALL	1ST		12071320
445601.00000	3759139.00000	1.40544	194.95	194.95	0.00	1-HR	ALL	1ST		12071320
445402.00000	3759055.00000	1.49357	194.00	194.00	0.00	1-HR	ALL	1ST		12123105
445285.00000	3759024.00000	1.92885	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445254.00000	3759017.00000	2.47183	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445159.00000	3759478.00000	3.03818	195.13	195.13	0.00	1-HR	ALL	1ST		11011206
445161.00000	3759538.00000	2.94980	196.00	196.00	0.00	1-HR	ALL	1ST		11100219
445165.00000	3759637.00000	2.81491	196.00	196.00	0.00	1-HR	ALL	1ST		12110208
445576.63000	3759284.79000	2.26973	195.00	195.00	0.00	1-HR	ALL	1ST		10092919
445510.00000	3759259.93000	2.65042	195.00	195.00	0.00	1-HR	ALL	1ST		12071320
445443.37000	3759235.08000	2.23856	194.86	194.86	0.00	1-HR	ALL	1ST		9092319
445376.74000	3759210.22000	2.24339	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445310.11000	3759185.37000	2.69404	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445243.47000	3759160.52000	2.88284	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445638.85000	3759249.69000	1.68399	195.00	195.00	0.00	1-HR	ALL	1ST		12080819
445534.96000	3759193.01000	1.83612	195.00	195.00	0.00	1-HR	ALL	1ST		12071320
445468.33000	3759168.15000	1.83878	195.00	195.00	0.00	1-HR	ALL	1ST		10020924
445401.70000	3759143.30000	1.82124	194.00	194.00	0.00	1-HR	ALL	1ST		9051722
445335.07000	3759118.45000	2.01360	194.00	194.00	0.00	1-HR	ALL	1ST		11060807
445268.44000	3759093.59000	2.40952	193.56	193.56	0.00	1-HR	ALL	1ST		11060807
445663.81000	3759182.77000	1.45016	194.55	194.55	0.00	1-HR	ALL	1ST		12090423
445559.93000	3759126.08000	1.51571	195.00	195.00	0.00	1-HR	ALL	1ST		10020924
445493.30000	3759101.23000	1.51447	194.91	194.91	0.00	1-HR	ALL	1ST		10020924
445426.66000	3759076.37000	1.54346	194.00	194.00	0.00	1-HR	ALL	1ST		9051722
445360.03000	3759051.52000	1.62435	193.19	193.19	0.00	1-HR	ALL	1ST		12123105
445293.40000	3759026.67000	1.86123	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445701.19000	3759126.45000	1.22115	194.00	194.00	0.00	1-HR	ALL	1ST		12071320
445584.89000	3759059.16000	1.28550	194.43	194.43	0.00	1-HR	ALL	1ST		10020924
445518.26000	3759034.30000	1.26934	193.90	193.90	0.00	1-HR	ALL	1ST		11102120
445451.63000	3759009.45000	1.31460	193.79	193.79	0.00	1-HR	ALL	1ST		9051722
445384.99000	3758984.60000	1.37815	193.00	193.00	0.00	1-HR	ALL	1ST		12123105
445318.36000	3758959.74000	1.49629	193.00	193.00	0.00	1-HR	ALL	1ST		11060807
445723.05000	3759056.87000	0.98612	194.00	194.00	0.00	1-HR	ALL	1ST		12071320
445816.17000	3759136.45000	0.99106	194.23	194.23	0.00	1-HR	ALL	1ST		12090423
445609.85000	3758992.23000	1.10381	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445543.22000	3758967.38000	1.09541	193.32	193.32	0.00	1-HR	ALL	1ST		11102120
445476.59000	3758942.53000	1.12647	193.00	193.00	0.00	1-HR	ALL	1ST		9051722
445409.96000	3758917.67000	1.19316	193.00	193.00	0.00	1-HR	ALL	1ST		12123105
445343.33000	3758892.82000	1.23987	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445746.15000	3758988.36000	0.84957	194.00	194.00	0.00	1-HR	ALL	1ST		10020924
445835.55000	3759064.75000	0.89900	194.00	194.00	0.00	1-HR	ALL	1ST		12071320
445634.82000	3758925.31000	0.94584	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445568.18000	3758900.46000	0.95721	193.00	193.00	0.00	1-HR	ALL	1ST		11102120
445501.55000	3758875.60000	0.98018	192.82	192.82	0.00	1-HR	ALL	1ST		9051722
445434.92000	3758850.75000	1.03754	192.00	192.00	0.00	1-HR	ALL	1ST		12123105
445368.29000	3758825.89000	1.03664	192.00	192.00	0.00	1-HR	ALL	1ST		11060807
445778.56000	3758927.80000	0.77852	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445830.71000	3758972.36000	0.73911	193.87	193.87	0.00	1-HR	ALL	1ST		12071320
445935.01000	3759061.48000	0.77322	194.60	194.60	0.00	1-HR	ALL	1ST		12090423
445726.41000	3758883.24000	0.82768	193.00	193.00	0.00	1-HR	ALL	1ST		10020924
445659.78000	3758858.38000	0.81373	192.74	192.74	0.00	1-HR	ALL	1ST		10020924
445593.15000	3758833.53000	0.84364	192.00	192.00	0.00	1-HR	ALL	1ST		9051722
445526.52000	3758808.68000	0.85813	192.00	192.00	0.00	1-HR	ALL	1ST		9051722
445459.88000	3758783.82000	0.91618	192.00	192.00	0.00	1-HR	ALL	1ST		12123105
445393.25000	3758758.97000	0.92375	192.00	192.00	0.00	1-HR	ALL	1ST		12123105
445160.95000	3759203.73000	3.22386	194.00	194.00	0.00	1-HR	ALL	1ST		10010201
445152.39000	3759275.22000	3.96598	194.63	194.63	0.00	1-HR	ALL	1ST		12122005
445090.05000	3759212.39000	2.62215	194.00	194.00	0.00	1-HR	ALL	1ST		10112602
445116.72000	3759147.64000	2.31828	193.35	193.35	0.00	1-HR	ALL	1ST		10010201
445199.25000	3759104.43000	2.43178	193.00	193.00	0.00	1-HR	ALL	1ST		10112822
445081.49000	3759283.89000	2.70951	194.00	194.00	0.00	1-HR	ALL	1ST		12020405

445019.14000	3759221.05000	2.08064	193.83	193.83	0.00	1-HR	ALL	1ST	12122005
445045.82000	3759156.30000	1.91256	193.00	193.00	0.00	1-HR	ALL	1ST	10031102
445072.49000	3759091.55000	1.81723	193.00	193.00	0.00	1-HR	ALL	1ST	10010201
445155.02000	3759048.34000	2.22615	193.00	193.00	0.00	1-HR	ALL	1ST	10112822
445224.21000	3759037.50000	2.16044	193.00	193.00	0.00	1-HR	ALL	1ST	11060807
445010.59000	3759292.55000	2.07023	194.00	194.00	0.00	1-HR	ALL	1ST	11122102
444948.24000	3759229.72000	1.71684	193.03	193.03	0.00	1-HR	ALL	1ST	12020405
444974.92000	3759164.96000	1.75992	193.00	193.00	0.00	1-HR	ALL	1ST	10112602
445001.59000	3759100.21000	1.50697	192.81	192.81	0.00	1-HR	ALL	1ST	10031102
445028.27000	3759035.46000	1.48009	192.00	192.00	0.00	1-HR	ALL	1ST	10010201
445110.79000	3758992.25000	1.66275	192.00	192.00	0.00	1-HR	ALL	1ST	8122623
445179.98000	3758981.41000	2.21293	192.84	192.84	0.00	1-HR	ALL	1ST	10112822
445249.17000	3758970.58000	2.52628	193.00	193.00	0.00	1-HR	ALL	1ST	11060807
444939.68000	3759301.21000	1.65262	194.00	194.00	0.00	1-HR	ALL	1ST	11122102
444878.82000	3759234.78000	1.39968	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444982.56000	3758982.96000	1.25461	192.00	192.00	0.00	1-HR	ALL	1ST	10010201
445035.82000	3758940.97000	1.29205	192.00	192.00	0.00	1-HR	ALL	1ST	10112820
445266.45000	3758904.86000	1.94020	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
444868.78000	3759309.88000	1.34057	193.51	193.51	0.00	1-HR	ALL	1ST	11012405
444807.65000	3759244.10000	1.23249	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444836.75000	3759173.46000	1.29755	193.00	193.00	0.00	1-HR	ALL	1ST	12020405
444865.85000	3759102.82000	1.29117	192.00	192.00	0.00	1-HR	ALL	1ST	12122005
444894.95000	3759032.18000	1.13225	192.00	192.00	0.00	1-HR	ALL	1ST	10031102
444938.60000	3758926.22000	1.07221	191.00	191.00	0.00	1-HR	ALL	1ST	10010201
445066.37000	3758873.17000	1.24129	191.41	191.41	0.00	1-HR	ALL	1ST	8122623
445141.85000	3758861.35000	1.66520	191.96	191.96	0.00	1-HR	ALL	1ST	10112822
445217.33000	3758849.53000	1.91589	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
445292.81000	3758837.71000	1.44540	192.00	192.00	0.00	1-HR	ALL	1ST	11060807
444797.88000	3759318.54000	1.17374	193.02	193.02	0.00	1-HR	ALL	1ST	11012405
444736.56000	3759253.22000	1.04811	193.00	193.00	0.00	1-HR	ALL	1ST	11122102
444765.29000	3759183.48000	1.07452	192.66	192.66	0.00	1-HR	ALL	1ST	8122706
444794.02000	3759113.75000	1.10875	192.00	192.00	0.00	1-HR	ALL	1ST	12020405
444822.75000	3759044.01000	1.12460	192.00	192.00	0.00	1-HR	ALL	1ST	10112602
444851.47000	3758974.28000	0.94888	191.60	191.60	0.00	1-HR	ALL	1ST	10031102
444894.56000	3758869.68000	0.93597	191.00	191.00	0.00	1-HR	ALL	1ST	10010201
444983.44000	3758823.14000	0.99358	191.00	191.00	0.00	1-HR	ALL	1ST	10112820
445095.21000	3758805.64000	1.27761	191.00	191.00	0.00	1-HR	ALL	1ST	10112822
445169.72000	3758793.97000	1.70356	191.00	191.00	0.00	1-HR	ALL	1ST	11060807
445244.23000	3758782.30000	2.51954	191.33	191.33	0.00	1-HR	ALL	1ST	11060807
445318.74000	3758770.64000	1.15237	191.81	191.81	0.00	1-HR	ALL	1ST	11060807
444726.98000	3759327.20000	1.03380	193.00	193.00	0.00	1-HR	ALL	1ST	11012405
445153.76000	3759411.17000	3.26649	195.00	195.00	0.00	1-HR	ALL	1ST	11012405
445082.34000	3759412.11000	2.31731	195.00	195.00	0.00	1-HR	ALL	1ST	12122001
445010.91000	3759413.05000	1.82432	194.52	194.52	0.00	1-HR	ALL	1ST	12122001
444939.49000	3759413.99000	1.50827	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444868.07000	3759414.93000	1.28705	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444796.65000	3759415.87000	1.11842	194.00	194.00	0.00	1-HR	ALL	1ST	12122001
444725.22000	3759416.81000	0.98487	193.91	193.91	0.00	1-HR	ALL	1ST	12122001
445163.44000	3759485.88000	3.13582	195.31	195.31	0.00	1-HR	ALL	1ST	9071622
445092.67000	3759495.57000	2.13559	195.00	195.00	0.00	1-HR	ALL	1ST	12030801
445021.90000	3759505.25000	1.65588	195.00	195.00	0.00	1-HR	ALL	1ST	12121823
444951.14000	3759514.94000	1.37236	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
444880.37000	3759524.63000	1.16393	194.95	194.95	0.00	1-HR	ALL	1ST	12111201
444809.60000	3759534.32000	0.99244	194.27	194.27	0.00	1-HR	ALL	1ST	12111201
444738.83000	3759544.01000	0.85723	194.00	194.00	0.00	1-HR	ALL	1ST	12122024
445179.43000	3759583.67000	3.02637	196.00	196.00	0.00	1-HR	ALL	1ST	11100219
445129.30000	3759634.56000	2.07944	196.00	196.00	0.00	1-HR	ALL	1ST	11120502
445102.68000	3759571.81000	1.96214	195.23	195.23	0.00	1-HR	ALL	1ST	12111306
445078.70000	3759684.30000	1.55706	196.00	196.00	0.00	1-HR	ALL	1ST	11120502
445049.65000	3759615.85000	1.56348	195.00	195.00	0.00	1-HR	ALL	1ST	12111306
445028.70000	3759735.49000	1.26312	196.00	196.00	0.00	1-HR	ALL	1ST	11011705
445000.30000	3759668.57000	1.30649	195.74	195.74	0.00	1-HR	ALL	1ST	12111306
444971.90000	3759601.64000	1.31074	195.00	195.00	0.00	1-HR	ALL	1ST	12030801
444978.65000	3759786.56000	1.06720	196.00	196.00	0.00	1-HR	ALL	1ST	11011705
444950.62000	3759720.51000	1.12376	196.00	196.00	0.00	1-HR	ALL	1ST	12111306
444922.60000	3759654.46000	1.12494	195.00	195.00	0.00	1-HR	ALL	1ST	11011206
444928.32000	3759836.96000	0.93246	196.36	196.36	0.00	1-HR	ALL	1ST	11011705
444899.28000	3759768.52000	0.98080	196.00	196.00	0.00	1-HR	ALL	1ST	12111306
444870.23000	3759700.07000	0.99621	195.79	195.79	0.00	1-HR	ALL	1ST	11011206
444841.18000	3759631.62000	0.99561	195.00	195.00	0.00	1-HR	ALL	1ST	12121823
444878.27000	3759888.03000	0.83389	197.00	197.00	0.00	1-HR	ALL	1ST	11011705
444849.60000	3759820.46000	0.86622	196.00	196.00	0.00	1-HR	ALL	1ST	12111306
444820.92000	3759752.89000	0.89129	196.00	196.00	0.00	1-HR	ALL	1ST	11011206
444792.25000	3759685.32000	0.88173	195.00	195.00	0.00	1-HR	ALL	1ST	10112601

444763.58000	3759617.75000	0.89960	195.00	195.00	0.00	1-HR	ALL	1ST	12111201
445245.84000	3759627.28000	3.21922	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445315.15000	3759627.01000	2.73179	196.00	196.00	0.00	1-HR	ALL	1ST	10090420
445384.46000	3759626.74000	2.69365	196.35	196.35	0.00	1-HR	ALL	1ST	12091919
445195.71000	3759678.17000	2.16839	196.00	196.00	0.00	1-HR	ALL	1ST	12011305
445315.43000	3759698.44000	1.97653	197.00	197.00	0.00	1-HR	ALL	1ST	11030905
445384.74000	3759698.17000	2.03834	197.00	197.00	0.00	1-HR	ALL	1ST	12123104
445195.99000	3759749.59000	2.02216	196.75	196.75	0.00	1-HR	ALL	1ST	12011305
445315.70000	3759769.86000	1.59509	197.00	197.00	0.00	1-HR	ALL	1ST	12010407
445385.01000	3759769.59000	1.67208	197.00	197.00	0.00	1-HR	ALL	1ST	12123104
445196.27000	3759821.02000	1.88767	197.00	197.00	0.00	1-HR	ALL	1ST	12011305
445095.46000	3759779.94000	1.52139	196.46	196.46	0.00	1-HR	ALL	1ST	11122404
445315.98000	3759841.29000	1.35201	197.00	197.00	0.00	1-HR	ALL	1ST	12010407
445385.29000	3759841.02000	1.44837	197.42	197.42	0.00	1-HR	ALL	1ST	11030905
445120.94000	3759861.64000	1.57947	197.00	197.00	0.00	1-HR	ALL	1ST	11122404
445246.95000	3759912.99000	1.59224	197.22	197.22	0.00	1-HR	ALL	1ST	10090420
445316.26000	3759912.72000	1.23818	197.95	197.95	0.00	1-HR	ALL	1ST	8102920
445385.57000	3759912.45000	1.27904	198.00	198.00	0.00	1-HR	ALL	1ST	11030905
445186.75000	3759959.77000	1.70683	198.00	198.00	0.00	1-HR	ALL	1ST	12011305
445065.78000	3759910.47000	1.24589	197.00	197.00	0.00	1-HR	ALL	1ST	11122404
445316.54000	3759984.15000	1.11043	198.00	198.00	0.00	1-HR	ALL	1ST	9051904
445385.85000	3759983.88000	1.12583	198.00	198.00	0.00	1-HR	ALL	1ST	11030905
445188.70000	3760031.88000	1.61179	198.00	198.00	0.00	1-HR	ALL	1ST	12011305
445071.10000	3759983.95000	1.19169	198.00	198.00	0.00	1-HR	ALL	1ST	11122404
444953.49000	3759936.03000	0.93886	197.00	197.00	0.00	1-HR	ALL	1ST	11120502
445316.82000	3760055.58000	1.06114	198.64	198.64	0.00	1-HR	ALL	1ST	9051904
445386.13000	3760055.31000	1.05612	199.00	199.00	0.00	1-HR	ALL	1ST	11030905
445455.87000	3759625.89000	2.78042	197.00	197.00	0.00	1-HR	ALL	1ST	12093019
445526.71000	3759625.04000	2.90661	197.00	197.00	0.00	1-HR	ALL	1ST	12093019
445456.72000	3759697.31000	1.82378	197.00	197.00	0.00	1-HR	ALL	1ST	10031605
445527.56000	3759696.47000	1.96078	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445457.58000	3759768.74000	1.54393	197.02	197.02	0.00	1-HR	ALL	1ST	12123104
445528.42000	3759767.89000	1.51327	197.65	197.65	0.00	1-HR	ALL	1ST	11020503
445458.43000	3759840.16000	1.39202	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445529.27000	3759839.31000	1.24795	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445459.28000	3759911.58000	1.25124	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445530.12000	3759910.74000	1.12868	198.00	198.00	0.00	1-HR	ALL	1ST	12123104
445460.13000	3759983.01000	1.15946	198.50	198.50	0.00	1-HR	ALL	1ST	12123104
445530.97000	3759982.16000	1.07458	199.00	199.00	0.00	1-HR	ALL	1ST	12123104
445460.98000	3760054.43000	1.07172	199.00	199.00	0.00	1-HR	ALL	1ST	12123104
445531.82000	3760053.58000	1.01876	199.43	199.43	0.00	1-HR	ALL	1ST	12123104
445621.39000	3759629.57000	3.04490	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445621.14000	3759701.00000	2.03936	197.00	197.00	0.00	1-HR	ALL	1ST	11020503
445620.90000	3759772.42000	1.60059	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445620.65000	3759843.85000	1.32334	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445620.41000	3759915.28000	1.13517	198.99	198.99	0.00	1-HR	ALL	1ST	10031605
445620.16000	3759986.71000	1.00085	199.00	199.00	0.00	1-HR	ALL	1ST	8071522
445619.92000	3760058.14000	0.95352	200.00	200.00	0.00	1-HR	ALL	1ST	8071522
445730.13000	3759558.82000	2.89715	197.00	197.00	0.00	1-HR	ALL	1ST	12091120
445701.29000	3759471.56000	2.58239	196.07	196.07	0.00	1-HR	ALL	1ST	11102017
445643.02000	3759368.26000	2.07502	195.73	195.73	0.00	1-HR	ALL	1ST	9052507
445750.20000	3759654.09000	2.20110	197.28	197.28	0.00	1-HR	ALL	1ST	10041222
445792.63000	3759488.11000	2.04092	196.85	196.85	0.00	1-HR	ALL	1ST	11102017
445734.36000	3759384.82000	1.78009	196.00	196.00	0.00	1-HR	ALL	1ST	9052507
445853.96000	3759559.85000	2.13135	197.00	197.00	0.00	1-HR	ALL	1ST	12071319
445806.67000	3759693.16000	1.76207	198.00	198.00	0.00	1-HR	ALL	1ST	10041222
445713.87000	3759746.11000	1.71873	198.00	198.00	0.00	1-HR	ALL	1ST	11020802
445854.85000	3759453.02000	1.67083	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445796.58000	3759349.72000	1.33809	196.00	196.00	0.00	1-HR	ALL	1ST	9052507
445738.31000	3759246.43000	1.26377	195.00	195.00	0.00	1-HR	ALL	1ST	8081421
445916.11000	3759531.88000	2.35334	197.10	197.10	0.00	1-HR	ALL	1ST	11102017
445915.16000	3759645.84000	1.73184	198.00	198.00	0.00	1-HR	ALL	1ST	12091120
445865.19000	3759731.05000	1.45808	198.00	198.00	0.00	1-HR	ALL	1ST	10041222
445716.72000	3759815.77000	1.46465	198.00	198.00	0.00	1-HR	ALL	1ST	11020503
445917.06000	3759417.92000	1.35177	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445858.79000	3759314.63000	1.13975	195.98	195.98	0.00	1-HR	ALL	1ST	10071821
445800.52000	3759211.33000	1.04179	195.00	195.00	0.00	1-HR	ALL	1ST	10082120
445978.42000	3759484.57000	1.46178	197.00	197.00	0.00	1-HR	ALL	1ST	11102017
445977.57000	3759586.32000	1.87072	198.00	198.00	0.00	1-HR	ALL	1ST	11020304
445976.72000	3759688.07000	1.35845	198.23	198.23	0.00	1-HR	ALL	1ST	10041221
445932.11000	3759764.16000	1.27054	199.00	199.00	0.00	1-HR	ALL	1ST	10041222
445843.74000	3759814.58000	1.40907	199.00	199.00	0.00	1-HR	ALL	1ST	12022801
445711.17000	3759890.23000	1.31561	199.00	199.00	0.00	1-HR	ALL	1ST	11020503
445979.27000	3759382.83000	1.09764	197.00	197.00	0.00	1-HR	ALL	1ST	9052507

445921.00000	3759279.53000	0.95669	195.94	195.94	0.00	1-HR	ALL	1ST	10071821
446040.59000	3759454.57000	1.20234	197.43	197.43	0.00	1-HR	ALL	1ST	11102017
446039.26000	3759614.82000	1.93428	198.00	198.00	0.00	1-HR	ALL	1ST	11020304
446038.36000	3759721.65000	1.17562	199.00	199.00	0.00	1-HR	ALL	1ST	10041221
445991.52000	3759801.55000	1.11438	199.01	199.01	0.00	1-HR	ALL	1ST	10041222
445898.73000	3759854.50000	1.23382	199.00	199.00	0.00	1-HR	ALL	1ST	12022801
445805.93000	3759907.44000	1.14072	199.00	199.00	0.00	1-HR	ALL	1ST	11020503
445713.14000	3759960.39000	1.13146	199.00	199.00	0.00	1-HR	ALL	1ST	11020503
446041.48000	3759347.73000	0.94373	197.00	197.00	0.00	1-HR	ALL	1ST	10071821
445983.21000	3759244.44000	0.80849	196.00	196.00	0.00	1-HR	ALL	1ST	11051502
445924.94000	3759141.14000	0.81088	195.00	195.00	0.00	1-HR	ALL	1ST	12090423
446102.77000	3759423.43000	1.00270	197.45	197.45	0.00	1-HR	ALL	1ST	11102017
446101.85000	3759534.22000	2.31413	198.00	198.00	0.00	1-HR	ALL	1ST	11102017
446100.92000	3759645.01000	1.48351	198.99	198.99	0.00	1-HR	ALL	1ST	12091120
446100.00000	3759755.80000	1.04086	199.45	199.45	0.00	1-HR	ALL	1ST	10041221
446051.42000	3759838.66000	1.00388	200.00	200.00	0.00	1-HR	ALL	1ST	10041222
445955.19000	3759893.57000	1.19069	200.21	200.21	0.00	1-HR	ALL	1ST	12022801
445810.84000	3759975.93000	1.11933	200.00	200.00	0.00	1-HR	ALL	1ST	11020503
445714.61000	3760030.84000	0.99311	200.00	200.00	0.00	1-HR	ALL	1ST	11020503
446103.70000	3759312.64000	0.83142	197.00	197.00	0.00	1-HR	ALL	1ST	10071821
446045.43000	3759209.34000	0.71723	196.00	196.00	0.00	1-HR	ALL	1ST	9042422
445987.16000	3759106.05000	0.73229	195.00	195.00	0.00	1-HR	ALL	1ST	12090423
445668.21000	3759558.30000	3.30977	197.00	197.00	0.00	1-HR	ALL	1ST	11102117
445551.67000	3759351.71000	3.17239	195.00	195.00	0.00	1-HR	ALL	1ST	10080319
445218.51000	3759227.44000	3.44225	194.01	194.01	0.00	1-HR	ALL	1ST	8122623
445223.29000	3759266.56000	4.15958	194.65	194.65	0.00	1-HR	ALL	1ST	10112905
445225.18000	3759410.23000	4.49243	195.07	195.07	0.00	1-HR	ALL	1ST	11100120
445234.21000	3759476.19000	3.85186	196.00	196.00	0.00	1-HR	ALL	1ST	12092220
445234.88000	3759545.33000	3.53990	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445245.56000	3759555.85000	3.44932	196.00	196.00	0.00	1-HR	ALL	1ST	12101718
445384.18000	3759555.31000	3.20931	196.00	196.00	0.00	1-HR	ALL	1ST	9092519
445525.86000	3759553.62000	7.67722	196.00	196.00	0.00	1-HR	ALL	1ST	12110208
445575.06000	3759557.98000	5.61311	197.00	197.00	0.00	1-HR	ALL	1ST	11102117

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

\* AERMOD ( 14134): Eastvale Crossings NOx 2017

07/16/15

\* AERMET ( 14134):

15:18:16

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.95492	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.94721	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.79346	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.77334	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.74768	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.86834	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.45858	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.50595	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.71151	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.93680	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759478.00000	1.25823	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	1.23242	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	1.06353	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.83526	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.95388	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.98155	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.97952	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.99021	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	1.10348	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.58928	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.64715	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.67132	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.67901	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.71422	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.90889	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.45267	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.47768	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.49665	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.51327	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.55086	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.67782	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.35910	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.37212	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.38774	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.40764	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.44303	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.53338	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.29279	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.29302	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.30156	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.31514	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.33346	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.36481	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.43073	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.24386	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.24690	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.25059	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.26274	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.27867	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.30376	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.35339	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.20676	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.20946	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.20952	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.20396	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.21256	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.22224	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.23534	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.25521	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.29076	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	1.11085	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	1.18522	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.63057	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.66945	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.83651	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.66704	194.00	194.00	0.00	ANNUAL	ALL	00000005	



445019.14000	3759221.05000	0.44365	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.45752	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.47548	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.82906	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.76224	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.45970	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.33616	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.34643	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.35382	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.36210	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.52554	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.85553	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.95293	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.34428	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.26739	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.28763	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.33525	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.72065	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.27043	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.21864	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.22582	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.22958	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.23202	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.23406	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.35770	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.61522	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.63495	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.53112	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.21964	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.18285	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.18874	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.19227	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.19426	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.19481	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.19423	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.23905	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.39215	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.67450	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.88467	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.40957	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.18298	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	1.27765	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.70415	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.47524	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.35097	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.27380	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.22136	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.18364	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	1.32218	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.70103	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.47398	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.35120	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.27426	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.22164	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.18392	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	1.28419	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.74259	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.68159	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.50042	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.47736	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.37541	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.36379	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.35221	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.29616	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.28947	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.28343	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.24035	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.23710	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.23315	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.22789	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.19914	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.19840	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.19610	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.19325	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.18845	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	1.40945	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	1.15845	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	1.14256	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.87799	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.76080	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.70300	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.78300	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.60151	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.52908	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.72513	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.49219	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.50564	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.42966	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.56943	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.67220	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.44141	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.36547	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.62286	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.37466	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.39851	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.32103	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.60025	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.36084	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.23413	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.36463	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.28565	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	1.17597	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	1.23452	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.68570	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.66821	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.49534	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.46802	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.38992	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.36343	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.32483	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.29872	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.27865	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.25252	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.24367	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.21847	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	1.03058	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.58787	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.41712	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.32584	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.26612	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.22546	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.19387	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	1.12058	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.86774	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.83142	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.64853	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.69211	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.60190	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.70960	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.46363	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.41109	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.52305	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.46305	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.43699	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.87257	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.56876	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.35827	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.31801	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.41388	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.37196	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.35018	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.51033	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.64160	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.38820	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.28777	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.27149	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.25660	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.33583	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.30643	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.39301	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.75953	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.29841	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.23467	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.22643	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.22050	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.21591	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.27635	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.25673	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.24241	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.30666	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.79212	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.46476	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.23342	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.19335	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.19018	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.18653	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.18451	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.22965	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.21762	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.20661	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	1.10108	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	1.45452	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	1.30016	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	1.90628	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	2.12889	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	1.70675	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	1.54860	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	1.51680	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	1.41530	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	2.80217	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	2.19975	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix I:  
AERMOD PM<sub>10</sub> Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\PM10\PM10.ADI
**
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*****

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** AERMOD Control Pathway
*****
**
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CO STARTING
  TITLEONE Eastvale Crossings PM10 2017
  TITLETWO All PM10 Emissions
  MODELOPT DFAULT CONC
  AVERTIME 24 ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL PM10.err

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CO FINISHED
```

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**
*****
** AERMOD Source Pathway
*****
**
**

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SO STARTING
```

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** Source Location **
```

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** Source ID - Type - X Coord. - Y Coord. **
  LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
  LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
  LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
  LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
  LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
  LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
  LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
  LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+axle truck idling Parcel 4
  LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
  LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
  LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
  LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
  LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
  LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
  LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

\*\* -----  
 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart  
 \*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.00002328  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

\*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

\*\* -----  
 LOCATION L0001976 VOLUME 445227.542 3759320.626 195.00  
 LOCATION L0001977 VOLUME 445234.781 3759321.013 195.00  
 LOCATION L0001978 VOLUME 445242.020 3759321.399 195.00  
 LOCATION L0001979 VOLUME 445249.259 3759321.786 195.00  
 LOCATION L0001980 VOLUME 445256.498 3759322.172 195.00  
 LOCATION L0001981 VOLUME 445263.737 3759322.559 195.00  
 LOCATION L0001982 VOLUME 445270.976 3759322.945 195.00  
 LOCATION L0001983 VOLUME 445277.542 3759325.289 195.00  
 LOCATION L0001984 VOLUME 445283.491 3759329.432 195.00  
 LOCATION L0001985 VOLUME 445289.440 3759333.574 195.00  
 LOCATION L0001986 VOLUME 445296.069 3759334.240 195.00  
 LOCATION L0001987 VOLUME 445303.068 3759332.438 195.00  
 LOCATION L0001988 VOLUME 445309.581 3759329.254 195.00  
 LOCATION L0001989 VOLUME 445316.093 3759326.071 195.00  
 LOCATION L0001990 VOLUME 445322.606 3759322.887 195.00  
 LOCATION L0001991 VOLUME 445329.118 3759319.703 195.00  
 LOCATION L0001992 VOLUME 445335.631 3759316.519 195.00  
 LOCATION L0001993 VOLUME 445342.375 3759314.064 195.00  
 LOCATION L0001994 VOLUME 445349.531 3759312.910 195.00  
 LOCATION L0001995 VOLUME 445356.688 3759311.755 195.00  
 LOCATION L0001996 VOLUME 445363.845 3759310.601 195.00  
 LOCATION L0001997 VOLUME 445370.994 3759309.920 195.00  
 LOCATION L0001998 VOLUME 445378.108 3759311.311 195.00  
 LOCATION L0001999 VOLUME 445385.223 3759312.702 195.00  
 LOCATION L0002000 VOLUME 445392.337 3759314.093 195.00  
 LOCATION L0002001 VOLUME 445399.451 3759315.485 195.00  
 LOCATION L0002002 VOLUME 445406.566 3759316.876 195.00  
 LOCATION L0002003 VOLUME 445413.680 3759318.267 195.00  
 LOCATION L0002004 VOLUME 445420.795 3759319.658 195.00  
 LOCATION L0002005 VOLUME 445427.909 3759321.049 195.00  
 LOCATION L0002006 VOLUME 445435.024 3759322.441 195.00  
 LOCATION L0002007 VOLUME 445442.138 3759323.832 195.00  
 LOCATION L0002008 VOLUME 445449.252 3759325.223 195.00  
 LOCATION L0002009 VOLUME 445456.296 3759326.846 195.00  
 LOCATION L0002010 VOLUME 445462.978 3759329.658 195.00  
 LOCATION L0002011 VOLUME 445469.659 3759332.470 195.00  
 LOCATION L0002012 VOLUME 445476.341 3759335.282 195.00  
 LOCATION L0002013 VOLUME 445483.022 3759338.095 195.00



LOCATION L0002014	VOLUME	445489.704	3759340.907	195.00
LOCATION L0002015	VOLUME	445496.385	3759343.719	195.00
LOCATION L0002016	VOLUME	445503.067	3759346.531	195.00
LOCATION L0002017	VOLUME	445509.748	3759349.343	195.00
LOCATION L0002018	VOLUME	445516.430	3759352.155	195.00
LOCATION L0002019	VOLUME	445523.111	3759354.967	195.00
LOCATION L0002020	VOLUME	445529.491	3759358.340	195.00
LOCATION L0002021	VOLUME	445535.512	3759362.377	195.00
LOCATION L0002022	VOLUME	445541.533	3759366.413	195.00
LOCATION L0002023	VOLUME	445547.555	3759370.450	195.00
LOCATION L0002024	VOLUME	445553.576	3759374.486	195.00
LOCATION L0002025	VOLUME	445559.492	3759378.610	195.08
LOCATION L0002026	VOLUME	445562.276	3759385.303	195.30
LOCATION L0002027	VOLUME	445565.060	3759391.996	195.52
LOCATION L0002028	VOLUME	445567.845	3759398.689	195.75
LOCATION L0002029	VOLUME	445570.629	3759405.382	195.97
LOCATION L0002030	VOLUME	445573.413	3759412.075	196.00
LOCATION L0002031	VOLUME	445574.959	3759418.882	196.00
LOCATION L0002032	VOLUME	445573.434	3759425.969	196.00
LOCATION L0002033	VOLUME	445571.910	3759433.056	196.00
LOCATION L0002034	VOLUME	445570.385	3759440.143	196.00
LOCATION L0002035	VOLUME	445568.860	3759447.230	196.00
LOCATION L0002036	VOLUME	445567.336	3759454.317	196.00
LOCATION L0002037	VOLUME	445565.811	3759461.404	196.00
LOCATION L0002038	VOLUME	445564.286	3759468.491	196.00
LOCATION L0002039	VOLUME	445562.762	3759475.578	196.00
LOCATION L0002040	VOLUME	445561.237	3759482.665	196.00
LOCATION L0002041	VOLUME	445559.713	3759489.752	196.00
LOCATION L0002042	VOLUME	445558.188	3759496.839	196.00
LOCATION L0002043	VOLUME	445556.663	3759503.926	196.00
LOCATION L0002044	VOLUME	445555.139	3759511.013	196.00
LOCATION L0002045	VOLUME	445553.614	3759518.100	196.00
LOCATION L0002046	VOLUME	445552.089	3759525.187	196.00
LOCATION L0002047	VOLUME	445550.565	3759532.274	196.07
LOCATION L0002048	VOLUME	445549.364	3759539.401	196.15
LOCATION L0002049	VOLUME	445549.118	3759546.646	196.22
LOCATION L0002050	VOLUME	445548.872	3759553.891	196.29

\*\* End of LINE VOLUME Source ID = RDWAL

\*\*

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 1.772E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

\*\*

LOCATION L0002051	VOLUME	445645.846	3759556.460	197.00
LOCATION L0002052	VOLUME	445645.846	3759549.203	196.89
LOCATION L0002053	VOLUME	445645.846	3759541.946	196.78
LOCATION L0002054	VOLUME	445644.074	3759535.054	196.64
LOCATION L0002055	VOLUME	445641.205	3759528.389	196.44
LOCATION L0002056	VOLUME	445638.336	3759521.723	196.25
LOCATION L0002057	VOLUME	445631.932	3759518.366	196.06

LOCATION	VOLUME				
LOCATION L0002058	VOLUME	445625.470	3759515.063	196.00	
LOCATION L0002059	VOLUME	445619.009	3759511.760	196.00	
LOCATION L0002060	VOLUME	445612.078	3759509.658	196.00	
LOCATION L0002061	VOLUME	445605.088	3759507.708	196.00	
LOCATION L0002062	VOLUME	445598.098	3759505.757	196.00	
LOCATION L0002063	VOLUME	445591.108	3759503.806	196.00	
LOCATION L0002064	VOLUME	445587.871	3759497.957	196.00	
LOCATION L0002065	VOLUME	445585.262	3759491.466	196.00	
LOCATION L0002066	VOLUME	445578.222	3759489.706	196.00	
LOCATION L0002067	VOLUME	445571.182	3759487.946	196.00	
LOCATION L0002068	VOLUME	445566.151	3759489.888	196.00	
LOCATION L0002069	VOLUME	445563.792	3759496.751	196.00	
LOCATION L0002070	VOLUME	445561.433	3759503.614	196.00	
LOCATION L0002071	VOLUME	445559.548	3759510.585	196.00	
LOCATION L0002072	VOLUME	445558.669	3759517.789	196.00	
LOCATION L0002073	VOLUME	445557.789	3759524.992	196.00	
LOCATION L0002074	VOLUME	445556.910	3759532.196	196.12	
LOCATION L0002075	VOLUME	445556.031	3759539.399	196.24	
LOCATION L0002076	VOLUME	445555.151	3759546.603	196.36	
LOCATION L0002077	VOLUME	445554.272	3759553.806	196.46	

\*\* End of LINE VOLUME Source ID = RDP A2

\*\* -----

\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 6.206E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

\*\* -----

LOCATION	VOLUME				
LOCATION L0002078	VOLUME	445542.695	3759552.709	196.10	
LOCATION L0002079	VOLUME	445543.718	3759545.469	196.09	
LOCATION L0002080	VOLUME	445544.743	3759538.229	196.07	
LOCATION L0002081	VOLUME	445545.867	3759531.003	196.03	
LOCATION L0002082	VOLUME	445546.990	3759523.777	196.00	
LOCATION L0002083	VOLUME	445548.113	3759516.552	196.00	
LOCATION L0002084	VOLUME	445549.237	3759509.326	196.00	
LOCATION L0002085	VOLUME	445550.360	3759502.101	196.00	
LOCATION L0002086	VOLUME	445551.484	3759494.875	196.00	
LOCATION L0002087	VOLUME	445552.607	3759487.649	196.00	
LOCATION L0002088	VOLUME	445548.497	3759484.040	196.00	
LOCATION L0002089	VOLUME	445541.341	3759482.536	196.00	
LOCATION L0002090	VOLUME	445534.185	3759481.031	196.00	
LOCATION L0002091	VOLUME	445527.029	3759479.527	196.00	
LOCATION L0002092	VOLUME	445519.873	3759478.022	196.00	
LOCATION L0002093	VOLUME	445512.717	3759476.517	196.00	
LOCATION L0002094	VOLUME	445505.561	3759475.013	196.00	
LOCATION L0002095	VOLUME	445498.405	3759473.508	196.00	
LOCATION L0002096	VOLUME	445491.249	3759472.004	196.00	
LOCATION L0002097	VOLUME	445484.093	3759470.499	196.00	

LOCATION	L0002098	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0002099	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0002100	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0002101	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0002102	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0002103	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0002104	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0002105	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0002106	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0002107	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0002108	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0002109	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0002110	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0002111	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0002112	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0002113	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0002114	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0002115	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0002116	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0002117	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0002118	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0002119	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0002120	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0002121	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0002122	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0002123	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0002124	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0002125	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0002126	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0002127	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0002128	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0002129	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0002130	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0002131	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0002132	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0002133	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0002134	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0002135	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0002136	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0002137	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0002138	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0002139	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0002140	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0002141	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0002142	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0002143	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0002144	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0002145	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0002146	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0002147	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0002148	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0002149	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0002150	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0002151	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0002152	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0002153	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0002154	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0002155	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0002156	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0002157	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0002158	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0002159	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0002160	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0002161	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0002162	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDPA5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 4.42E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
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LOCATION	VOLUME				
L0002163	VOLUME	445226.874	3759313.749	195.00	
L0002164	VOLUME	445234.112	3759313.925	195.00	
L0002165	VOLUME	445241.350	3759314.100	195.00	
L0002166	VOLUME	445248.588	3759314.276	195.00	
L0002167	VOLUME	445255.826	3759314.451	195.00	
L0002168	VOLUME	445263.065	3759314.627	195.00	
L0002169	VOLUME	445270.302	3759314.804	195.00	
L0002170	VOLUME	445277.095	3759317.311	195.00	
L0002171	VOLUME	445283.840	3759319.936	195.00	
L0002172	VOLUME	445290.477	3759322.829	195.00	
L0002173	VOLUME	445297.114	3759325.722	195.00	
L0002174	VOLUME	445303.314	3759322.644	195.00	
L0002175	VOLUME	445309.457	3759318.813	195.00	
L0002176	VOLUME	445306.373	3759312.328	195.00	
L0002177	VOLUME	445301.616	3759308.299	195.00	
L0002178	VOLUME	445294.378	3759308.149	195.00	
L0002179	VOLUME	445287.139	3759307.999	195.00	
L0002180	VOLUME	445279.900	3759307.849	195.00	
L0002181	VOLUME	445272.661	3759307.699	195.00	
L0002182	VOLUME	445269.210	3759303.976	195.00	
L0002183	VOLUME	445269.482	3759296.740	195.00	
L0002184	VOLUME	445269.754	3759289.505	195.00	
L0002185	VOLUME	445270.026	3759282.270	195.00	
L0002186	VOLUME	445270.298	3759275.035	195.00	
L0002187	VOLUME	445270.570	3759267.800	195.00	
L0002188	VOLUME	445270.842	3759260.564	195.00	
L0002189	VOLUME	445276.902	3759261.891	195.00	
L0002190	VOLUME	445283.718	3759264.335	195.00	
L0002191	VOLUME	445290.533	3759266.779	195.00	
L0002192	VOLUME	445297.348	3759269.223	195.00	
L0002193	VOLUME	445304.164	3759271.667	195.00	
L0002194	VOLUME	445309.441	3759275.700	195.00	
L0002195	VOLUME	445312.108	3759282.431	195.00	
L0002196	VOLUME	445312.408	3759289.609	195.00	
L0002197	VOLUME	445312.373	3759296.849	195.00	
L0002198	VOLUME	445312.338	3759304.089	195.00	
L0002199	VOLUME	445312.303	3759311.329	195.00	
L0002200	VOLUME	445312.269	3759318.570	195.00	
L0002201	VOLUME	445309.414	3759323.918	195.00	

LOCATION	VOLUME	445302.728	3759326.696	195.00
LOCATION L0002202	VOLUME	445302.728	3759326.696	195.00
LOCATION L0002203	VOLUME	445296.042	3759329.473	195.00
LOCATION L0002204	VOLUME	445289.744	3759327.731	195.00
LOCATION L0002205	VOLUME	445283.629	3759323.853	195.00
LOCATION L0002206	VOLUME	445277.495	3759320.022	195.00
LOCATION L0002207	VOLUME	445270.476	3759318.245	195.00
LOCATION L0002208	VOLUME	445263.257	3759317.983	195.00
LOCATION L0002209	VOLUME	445256.017	3759317.877	195.00
LOCATION L0002210	VOLUME	445248.778	3759317.771	195.00
LOCATION L0002211	VOLUME	445241.538	3759317.664	195.00
LOCATION L0002212	VOLUME	445234.299	3759317.558	195.00
LOCATION L0002213	VOLUME	445227.059	3759317.452	195.00

\*\* End of LINE VOLUME Source ID = RDPA5

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARN

\*\* DESCRSRC Total trucks Archibald Ave North

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.001176

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48

\*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48

\*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48

\*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48

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LOCATION L0002416	VOLUME	445207.091	3759577.130	196.00
LOCATION L0002417	VOLUME	445206.717	3759612.549	196.00
LOCATION L0002418	VOLUME	445206.342	3759647.969	196.00
LOCATION L0002419	VOLUME	445205.968	3759683.388	196.00
LOCATION L0002420	VOLUME	445205.594	3759718.808	196.36
LOCATION L0002421	VOLUME	445202.362	3759754.043	196.90
LOCATION L0002422	VOLUME	445198.185	3759789.218	197.00
LOCATION L0002423	VOLUME	445194.008	3759824.392	197.00
LOCATION L0002424	VOLUME	445189.831	3759859.567	197.00
LOCATION L0002425	VOLUME	445187.677	3759894.850	197.00
LOCATION L0002426	VOLUME	445188.062	3759930.269	197.47
LOCATION L0002427	VOLUME	445188.447	3759965.689	198.00
LOCATION L0002428	VOLUME	445188.832	3760001.108	198.00
LOCATION L0002429	VOLUME	445189.216	3760036.527	198.00
LOCATION L0002430	VOLUME	445189.601	3760071.947	198.19
LOCATION L0002431	VOLUME	445189.986	3760107.366	199.00
LOCATION L0002432	VOLUME	445190.371	3760142.786	199.00
LOCATION L0002433	VOLUME	445190.756	3760178.205	199.00
LOCATION L0002434	VOLUME	445191.141	3760213.625	199.36
LOCATION L0002435	VOLUME	445191.526	3760249.044	200.00
LOCATION L0002436	VOLUME	445191.911	3760284.464	200.00
LOCATION L0002437	VOLUME	445192.296	3760319.883	200.00

\*\* End of LINE VOLUME Source ID = RDARN

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.001697

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	VOLUME				
L0002389	445204.791	3759551.414	196.00		
L0002390	445205.297	3759515.693	196.00		
L0002391	445205.803	3759479.971	195.94		
L0002392	445206.308	3759444.249	195.24		
L0002393	445206.814	3759408.528	195.00		
L0002394	445207.320	3759372.806	195.00		
L0002395	445207.826	3759337.084	195.00		
L0002396	445208.207	3759301.362	195.00		
L0002397	445208.157	3759265.636	194.31		
L0002398	445208.108	3759229.911	194.00		
L0002399	445208.059	3759194.186	194.00		
L0002400	445208.010	3759158.461	193.99		
L0002401	445207.961	3759122.736	193.52		
L0002402	445207.727	3759087.011	193.00		
L0002403	445207.457	3759051.287	193.00		
L0002404	445207.187	3759015.563	193.00		
L0002405	445206.917	3758979.838	192.79		
L0002406	445206.646	3758944.114	192.00		
L0002407	445206.376	3758908.390	192.00		
L0002408	445206.106	3758872.666	192.00		
L0002409	445205.836	3758836.941	192.00		
L0002410	445205.565	3758801.217	191.73		
L0002411	445205.421	3758765.492	191.00		
L0002412	445205.345	3758729.767	191.00		
L0002413	445205.269	3758694.042	191.00		
L0002414	445205.192	3758658.317	190.07		
L0002415	445205.116	3758622.591	190.00		

\*\* End of LINE VOLUME Source ID = RDARS  
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\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 0.00162  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	VOLUME				
L0002361	445231.515	3759571.834	196.00		
L0002362	445267.255	3759572.195	196.00		
L0002363	445302.994	3759572.557	196.00		
L0002364	445338.734	3759572.919	196.00		
L0002365	445374.473	3759573.280	196.00		
L0002366	445410.213	3759573.642	196.00		
L0002367	445445.952	3759574.003	196.00		
L0002368	445481.691	3759574.365	196.05		
L0002369	445517.431	3759574.727	196.61		
L0002370	445553.170	3759575.088	196.80		
L0002371	445588.910	3759575.450	197.00		
L0002372	445624.649	3759575.812	197.00		
L0002373	445660.389	3759575.875	197.00		
L0002374	445696.129	3759575.578	197.00		
L0002375	445731.869	3759575.281	197.00		
L0002376	445767.609	3759574.984	197.00		
L0002377	445803.349	3759574.687	197.00		
L0002378	445839.089	3759574.390	197.00		
L0002379	445874.829	3759574.092	197.11		

LOCATION L0002380	VOLUME	445910.569	3759573.795	197.74
LOCATION L0002381	VOLUME	445946.310	3759573.604	198.00
LOCATION L0002382	VOLUME	445982.051	3759573.507	198.00
LOCATION L0002383	VOLUME	446017.792	3759573.410	198.00
LOCATION L0002384	VOLUME	446053.533	3759573.313	198.00
LOCATION L0002385	VOLUME	446089.274	3759573.216	198.00
LOCATION L0002386	VOLUME	446125.016	3759573.119	198.29
LOCATION L0002387	VOLUME	446160.757	3759573.022	198.87
LOCATION L0002388	VOLUME	446196.498	3759572.925	199.00

\*\* End of LINE VOLUME Source ID = RDLIM

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDONA

\*\* DESCRSRC Onsite Automobile Route

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0014

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 12

\*\* 445225.063, 3759324.604, 195.00, 0.00, 3.39

\*\* 445265.323, 3759325.117, 195.00, 0.00, 3.39

\*\* 445286.408, 3759334.110, 195.00, 0.00, 3.39

\*\* 445300.154, 3759345.582, 195.00, 0.00, 3.39

\*\* 445306.917, 3759359.499, 195.00, 0.00, 3.39

\*\* 445306.345, 3759378.383, 195.00, 0.00, 3.39

\*\* 445299.348, 3759399.376, 195.00, 0.00, 3.39

\*\* 445294.055, 3759425.126, 195.71, 0.00, 3.39

\*\* 445556.709, 3759482.068, 196.00, 0.00, 3.39

\*\* 445550.111, 3759519.042, 196.00, 0.00, 3.39

\*\* 445546.827, 3759539.958, 196.12, 0.00, 3.39

\*\* 445545.731, 3759554.776, 196.06, 0.00, 3.39

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LOCATION L0002291	VOLUME	445226.891	3759324.627	195.00
LOCATION L0002292	VOLUME	445234.174	3759324.720	195.00
LOCATION L0002293	VOLUME	445241.457	3759324.813	195.00
LOCATION L0002294	VOLUME	445248.740	3759324.906	195.00
LOCATION L0002295	VOLUME	445256.023	3759324.999	195.00
LOCATION L0002296	VOLUME	445263.306	3759325.092	195.00
LOCATION L0002297	VOLUME	445270.167	3759327.183	195.00
LOCATION L0002298	VOLUME	445276.866	3759330.040	195.00
LOCATION L0002299	VOLUME	445283.566	3759332.898	195.00
LOCATION L0002300	VOLUME	445289.628	3759336.797	195.00
LOCATION L0002301	VOLUME	445295.220	3759341.464	195.00
LOCATION L0002302	VOLUME	445300.529	3759346.352	195.00
LOCATION L0002303	VOLUME	445303.712	3759352.903	195.00
LOCATION L0002304	VOLUME	445306.895	3759359.454	195.00
LOCATION L0002305	VOLUME	445306.698	3759366.729	195.00
LOCATION L0002306	VOLUME	445306.478	3759374.009	195.00
LOCATION L0002307	VOLUME	445305.426	3759381.142	195.00
LOCATION L0002308	VOLUME	445303.123	3759388.051	195.00
LOCATION L0002309	VOLUME	445300.820	3759394.961	195.00
LOCATION L0002310	VOLUME	445298.819	3759401.952	195.00
LOCATION L0002311	VOLUME	445297.352	3759409.086	195.09
LOCATION L0002312	VOLUME	445295.886	3759416.221	195.33
LOCATION L0002313	VOLUME	445294.419	3759423.355	195.57
LOCATION L0002314	VOLUME	445299.406	3759426.286	195.67
LOCATION L0002315	VOLUME	445306.524	3759427.830	195.72
LOCATION L0002316	VOLUME	445313.642	3759429.373	195.77
LOCATION L0002317	VOLUME	445320.760	3759430.916	195.82
LOCATION L0002318	VOLUME	445327.878	3759432.459	195.87
LOCATION L0002319	VOLUME	445334.997	3759434.002	195.92
LOCATION L0002320	VOLUME	445342.115	3759435.545	195.98
LOCATION L0002321	VOLUME	445349.233	3759437.088	196.00
LOCATION L0002322	VOLUME	445356.351	3759438.632	196.00

LOCATION	L0002323	VOLUME	445363.469	3759440.175	196.00
LOCATION	L0002324	VOLUME	445370.587	3759441.718	196.00
LOCATION	L0002325	VOLUME	445377.705	3759443.261	196.00
LOCATION	L0002326	VOLUME	445384.824	3759444.804	196.00
LOCATION	L0002327	VOLUME	445391.942	3759446.347	196.00
LOCATION	L0002328	VOLUME	445399.060	3759447.891	196.00
LOCATION	L0002329	VOLUME	445406.178	3759449.434	196.00
LOCATION	L0002330	VOLUME	445413.296	3759450.977	196.00
LOCATION	L0002331	VOLUME	445420.414	3759452.520	196.00
LOCATION	L0002332	VOLUME	445427.532	3759454.063	196.00
LOCATION	L0002333	VOLUME	445434.650	3759455.606	196.00
LOCATION	L0002334	VOLUME	445441.769	3759457.150	196.00
LOCATION	L0002335	VOLUME	445448.887	3759458.693	196.00
LOCATION	L0002336	VOLUME	445456.005	3759460.236	196.00
LOCATION	L0002337	VOLUME	445463.123	3759461.779	196.00
LOCATION	L0002338	VOLUME	445470.241	3759463.322	196.00
LOCATION	L0002339	VOLUME	445477.359	3759464.865	196.00
LOCATION	L0002340	VOLUME	445484.477	3759466.408	196.00
LOCATION	L0002341	VOLUME	445491.596	3759467.952	196.00
LOCATION	L0002342	VOLUME	445498.714	3759469.495	196.00
LOCATION	L0002343	VOLUME	445505.832	3759471.038	196.00
LOCATION	L0002344	VOLUME	445512.950	3759472.581	196.00
LOCATION	L0002345	VOLUME	445520.068	3759474.124	196.00
LOCATION	L0002346	VOLUME	445527.186	3759475.667	196.00
LOCATION	L0002347	VOLUME	445534.304	3759477.211	196.00
LOCATION	L0002348	VOLUME	445541.422	3759478.754	196.00
LOCATION	L0002349	VOLUME	445548.541	3759480.297	196.00
LOCATION	L0002350	VOLUME	445555.659	3759481.840	196.00
LOCATION	L0002351	VOLUME	445555.618	3759488.180	196.00
LOCATION	L0002352	VOLUME	445554.338	3759495.351	196.00
LOCATION	L0002353	VOLUME	445553.059	3759502.521	196.00
LOCATION	L0002354	VOLUME	445551.779	3759509.691	196.00
LOCATION	L0002355	VOLUME	445550.500	3759516.861	196.00
LOCATION	L0002356	VOLUME	445549.325	3759524.049	196.00
LOCATION	L0002357	VOLUME	445548.195	3759531.244	196.05
LOCATION	L0002358	VOLUME	445547.066	3759538.440	196.10
LOCATION	L0002359	VOLUME	445546.403	3759545.689	196.15
LOCATION	L0002360	VOLUME	445545.866	3759552.953	196.19

\*\* End of LINE VOLUME Source ID = RDONA

\*\* Source Parameters \*\*

SRCPARAM	IDWALE	5.859E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	5.859E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	0.00001045	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	2.604E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	2.09E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	3.906E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	3.136E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	3.906E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	3.136E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	5.208E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	5.226E-06	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	6.667E-06	3.658	501.000	50.00000	0.040

\*\* LINE VOLUME Source ID = RDWAL

SRCPARAM	L0001976	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001977	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001978	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001979	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001980	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001981	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001982	0.0000003104	3.66	3.37	0.85
SRCPARAM	L0001983	0.0000003104	3.66	3.37	0.85















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*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED PM10.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\rivr8.sfc
  PROFFILE ..\rivr8.PFL
  SURFDATA 0 2008 Riverside 461640.00 3762100.00
  UAIRDATA 3190 2008
  SITEDATA 99999 2008
  PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST PM10.AD\24H1GALL.PLT 31
  PLOTFILE ANNUAL ALL PM10.AD\AN00GALL.PLT 32
  SUMMFILE PM10.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM World Geodetic System 1984
** DTMRGN Global Definition
** UNITS m
** ZONE 11
** ZONEINX 0
**
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\* AERMOD ( 14134): Eastvale Crossings PM10 2017

07/16/15

\* AERMET ( 14134):

08:30:23

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	0.21848	197.00	197.00	0.00	24-HR	ALL	1ST		11013124
445738.00000	3759518.00000	0.20390	197.00	197.00	0.00	24-HR	ALL	1ST		11013124
445697.00000	3759435.00000	0.13966	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445654.00000	3759362.00000	0.12291	195.52	195.52	0.00	24-HR	ALL	1ST		11013124
445627.00000	3759314.00000	0.11225	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445489.00000	3759232.00000	0.12011	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445601.00000	3759139.00000	0.07332	194.95	194.95	0.00	24-HR	ALL	1ST		11013124
445402.00000	3759055.00000	0.09553	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445285.00000	3759024.00000	0.15906	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445254.00000	3759017.00000	0.22073	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445159.00000	3759478.00000	0.29145	195.13	195.13	0.00	24-HR	ALL	1ST		11013124
445161.00000	3759538.00000	0.30120	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445165.00000	3759637.00000	0.27113	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445576.63000	3759284.79000	0.11604	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445510.00000	3759259.93000	0.12581	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445443.37000	3759235.08000	0.13657	194.86	194.86	0.00	24-HR	ALL	1ST		11013124
445376.74000	3759210.22000	0.15142	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445310.11000	3759185.37000	0.17837	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445243.47000	3759160.52000	0.23405	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445638.85000	3759249.69000	0.08930	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445534.96000	3759193.01000	0.09583	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445468.33000	3759168.15000	0.10391	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445401.70000	3759143.30000	0.11502	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445335.07000	3759118.45000	0.13572	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445268.44000	3759093.59000	0.19896	193.56	193.56	0.00	24-HR	ALL	1ST		11013124
445663.81000	3759182.77000	0.07174	194.55	194.55	0.00	24-HR	ALL	1ST		11013124
445559.93000	3759126.08000	0.07713	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445493.30000	3759101.23000	0.08365	194.91	194.91	0.00	24-HR	ALL	1ST		11013124
445426.66000	3759076.37000	0.09283	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445360.03000	3759051.52000	0.10916	193.19	193.19	0.00	24-HR	ALL	1ST		11013124
445293.40000	3759026.67000	0.14941	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445701.19000	3759126.45000	0.05956	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445584.89000	3759059.16000	0.06416	194.43	194.43	0.00	24-HR	ALL	1ST		11013124
445518.26000	3759034.30000	0.06957	193.90	193.90	0.00	24-HR	ALL	1ST		11013124
445451.63000	3759009.45000	0.07729	193.79	193.79	0.00	24-HR	ALL	1ST		11013124
445384.99000	3758984.60000	0.09036	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445318.36000	3758959.74000	0.11837	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445723.05000	3759056.87000	0.05058	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445816.17000	3759136.45000	0.05028	194.23	194.23	0.00	24-HR	ALL	1ST		11013124
445609.85000	3758992.23000	0.05450	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445543.22000	3758967.38000	0.05903	193.32	193.32	0.00	24-HR	ALL	1ST		11013124
445476.59000	3758942.53000	0.06544	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445409.96000	3758917.67000	0.07588	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445343.33000	3758892.82000	0.09618	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445746.15000	3758988.36000	0.04362	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445835.55000	3759064.75000	0.04320	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445634.82000	3758925.31000	0.04691	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445568.18000	3758900.46000	0.05067	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445501.55000	3758875.60000	0.05589	192.82	192.82	0.00	24-HR	ALL	1ST		11013124
445434.92000	3758850.75000	0.06405	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445368.29000	3758825.89000	0.07894	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445778.56000	3758927.80000	0.03796	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445830.71000	3758972.36000	0.03772	193.87	193.87	0.00	24-HR	ALL	1ST		11013124
445935.01000	3759061.48000	0.03732	194.60	194.60	0.00	24-HR	ALL	1ST		11013124
445726.41000	3758883.24000	0.03828	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445659.78000	3758858.38000	0.04074	192.74	192.74	0.00	24-HR	ALL	1ST		11013124
445593.15000	3758833.53000	0.04378	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445526.52000	3758808.68000	0.04790	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445459.88000	3758783.82000	0.05408	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445393.25000	3758758.97000	0.06462	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445160.95000	3759203.73000	0.25138	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445152.39000	3759275.22000	0.25260	194.63	194.63	0.00	24-HR	ALL	1ST		11013124
445090.05000	3759212.39000	0.13718	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445116.72000	3759147.64000	0.15241	193.35	193.35	0.00	24-HR	ALL	1ST		11013124
445199.25000	3759104.43000	0.19131	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445081.49000	3759283.89000	0.14075	194.00	194.00	0.00	24-HR	ALL	1ST		11013124



445019.14000	3759221.05000	0.09591	193.83	193.83	0.00	24-HR	ALL	1ST	11013124
445045.82000	3759156.30000	0.10179	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445072.49000	3759091.55000	0.10941	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445155.02000	3759048.34000	0.20434	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445224.21000	3759037.50000	0.17825	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445010.59000	3759292.55000	0.09762	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444948.24000	3759229.72000	0.07290	193.03	193.03	0.00	24-HR	ALL	1ST	11013124
444974.92000	3759164.96000	0.07645	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445001.59000	3759100.21000	0.07997	192.81	192.81	0.00	24-HR	ALL	1ST	11013124
445028.27000	3759035.46000	0.08417	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445110.79000	3758992.25000	0.12838	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445179.98000	3758981.41000	0.21517	192.84	192.84	0.00	24-HR	ALL	1ST	11013124
445249.17000	3758970.58000	0.23016	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444939.68000	3759301.21000	0.07377	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444878.82000	3759234.78000	0.05823	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444982.56000	3758982.96000	0.06715	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445035.82000	3758940.97000	0.08031	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445266.45000	3758904.86000	0.17368	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444868.78000	3759309.88000	0.05847	193.51	193.51	0.00	24-HR	ALL	1ST	11013124
444807.65000	3759244.10000	0.04779	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444836.75000	3759173.46000	0.04980	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444865.85000	3759102.82000	0.05143	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444894.95000	3759032.18000	0.05287	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444938.60000	3758926.22000	0.05487	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445066.37000	3758873.17000	0.08831	191.41	191.41	0.00	24-HR	ALL	1ST	11013124
445141.85000	3758861.35000	0.15900	191.96	191.96	0.00	24-HR	ALL	1ST	11013124
445217.33000	3758849.53000	0.16068	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445292.81000	3758837.71000	0.12664	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444797.88000	3759318.54000	0.04785	193.02	193.02	0.00	24-HR	ALL	1ST	11013124
444736.56000	3759253.22000	0.04010	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444765.29000	3759183.48000	0.04166	192.66	192.66	0.00	24-HR	ALL	1ST	11013124
444794.02000	3759113.75000	0.04293	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444822.75000	3759044.01000	0.04394	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444851.47000	3758974.28000	0.04471	191.60	191.60	0.00	24-HR	ALL	1ST	11013124
444894.56000	3758869.68000	0.04553	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
444983.44000	3758823.14000	0.05755	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445095.21000	3758805.64000	0.09960	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445169.72000	3758793.97000	0.17626	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445244.23000	3758782.30000	0.22256	191.33	191.33	0.00	24-HR	ALL	1ST	11013124
445318.74000	3758770.64000	0.09646	191.81	191.81	0.00	24-HR	ALL	1ST	11013124
444726.98000	3759327.20000	0.04008	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445153.76000	3759411.17000	0.27771	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445082.34000	3759412.11000	0.15064	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445010.91000	3759413.05000	0.10221	194.52	194.52	0.00	24-HR	ALL	1ST	11013124
444939.49000	3759413.99000	0.07606	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444868.07000	3759414.93000	0.05971	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444796.65000	3759415.87000	0.04853	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444725.22000	3759416.81000	0.04044	193.91	193.91	0.00	24-HR	ALL	1ST	11013124
445163.44000	3759485.88000	0.30985	195.31	195.31	0.00	24-HR	ALL	1ST	11013124
445092.67000	3759495.57000	0.15863	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445021.90000	3759505.25000	0.10621	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444951.14000	3759514.94000	0.07856	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444880.37000	3759524.63000	0.06143	194.95	194.95	0.00	24-HR	ALL	1ST	11013124
444809.60000	3759534.32000	0.04978	194.27	194.27	0.00	24-HR	ALL	1ST	11013124
444738.83000	3759544.01000	0.04139	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
445179.43000	3759583.67000	0.32152	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445129.30000	3759634.56000	0.18498	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445102.68000	3759571.81000	0.16244	195.23	195.23	0.00	24-HR	ALL	1ST	11013124
445078.70000	3759684.30000	0.12373	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445049.65000	3759615.85000	0.11350	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445028.70000	3759735.49000	0.09275	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445000.30000	3759668.57000	0.08712	195.74	195.74	0.00	24-HR	ALL	1ST	11013124
444971.90000	3759601.64000	0.08170	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444978.65000	3759786.56000	0.07323	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444950.62000	3759720.51000	0.06980	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444922.60000	3759654.46000	0.06645	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444928.32000	3759836.96000	0.05958	196.36	196.36	0.00	24-HR	ALL	1ST	11013124
444899.28000	3759768.52000	0.05735	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444870.23000	3759700.07000	0.05509	195.79	195.79	0.00	24-HR	ALL	1ST	11013124
444841.18000	3759631.62000	0.05258	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444878.27000	3759888.03000	0.04949	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
444849.60000	3759820.46000	0.04815	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444820.92000	3759752.89000	0.04668	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444792.25000	3759685.32000	0.04502	195.00	195.00	0.00	24-HR	ALL	1ST	11013124

444763.58000	3759617.75000	0.04311	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445245.84000	3759627.28000	0.34977	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445315.15000	3759627.01000	0.27890	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445384.46000	3759626.74000	0.26984	196.35	196.35	0.00	24-HR	ALL	1ST	11013124
445195.71000	3759678.17000	0.22071	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445315.43000	3759698.44000	0.18295	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445384.74000	3759698.17000	0.16510	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445195.99000	3759749.59000	0.19993	196.75	196.75	0.00	24-HR	ALL	1ST	11013124
445315.70000	3759769.86000	0.14597	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445385.01000	3759769.59000	0.12524	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445196.27000	3759821.02000	0.18681	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445095.46000	3759779.94000	0.12644	196.46	196.46	0.00	24-HR	ALL	1ST	11013124
445315.98000	3759841.29000	0.12423	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445385.29000	3759841.02000	0.10318	197.42	197.42	0.00	24-HR	ALL	1ST	11013124
445120.94000	3759861.64000	0.15097	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445246.95000	3759912.99000	0.17188	197.22	197.22	0.00	24-HR	ALL	1ST	11013124
445316.26000	3759912.72000	0.11004	197.95	197.95	0.00	24-HR	ALL	1ST	11013124
445385.57000	3759912.45000	0.08901	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445186.75000	3759959.77000	0.16499	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445065.78000	3759910.47000	0.09848	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445316.54000	3759984.15000	0.10028	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445385.85000	3759983.88000	0.07898	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445188.70000	3760031.88000	0.15998	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445071.10000	3759983.95000	0.09655	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
444953.49000	3759936.03000	0.05977	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445316.82000	3760055.58000	0.09260	198.64	198.64	0.00	24-HR	ALL	1ST	11013124
445386.13000	3760055.31000	0.07111	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445455.87000	3759625.89000	0.27303	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445526.71000	3759625.04000	0.27957	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445456.72000	3759697.31000	0.15807	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445527.56000	3759696.47000	0.15217	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445457.58000	3759768.74000	0.11525	197.02	197.02	0.00	24-HR	ALL	1ST	11013124
445528.42000	3759767.89000	0.10818	197.65	197.65	0.00	24-HR	ALL	1ST	11013124
445458.43000	3759840.16000	0.09223	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445529.27000	3759839.31000	0.08512	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445459.28000	3759911.58000	0.07770	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445530.12000	3759910.74000	0.07070	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445460.13000	3759983.01000	0.06747	198.50	198.50	0.00	24-HR	ALL	1ST	11013124
445530.97000	3759982.16000	0.06061	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445460.98000	3760054.43000	0.05961	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445531.82000	3760053.58000	0.05299	199.43	199.43	0.00	24-HR	ALL	1ST	11013124
445621.39000	3759629.57000	0.23608	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445621.14000	3759701.00000	0.13450	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445620.90000	3759772.42000	0.09668	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445620.65000	3759843.85000	0.07615	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445620.41000	3759915.28000	0.06301	198.99	198.99	0.00	24-HR	ALL	1ST	11013124
445620.16000	3759986.71000	0.05380	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445619.92000	3760058.14000	0.04682	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445730.13000	3759558.82000	0.25356	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445701.29000	3759471.56000	0.16121	196.07	196.07	0.00	24-HR	ALL	1ST	11013124
445643.02000	3759368.26000	0.13065	195.73	195.73	0.00	24-HR	ALL	1ST	11013124
445750.20000	3759654.09000	0.15565	197.28	197.28	0.00	24-HR	ALL	1ST	11013124
445792.63000	3759488.11000	0.14774	196.85	196.85	0.00	24-HR	ALL	1ST	11013124
445734.36000	3759384.82000	0.10553	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445853.96000	3759559.85000	0.16459	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445806.67000	3759693.16000	0.11212	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445713.87000	3759746.11000	0.09647	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445854.85000	3759453.02000	0.11086	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445796.58000	3759349.72000	0.08337	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445738.31000	3759246.43000	0.07195	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445916.11000	3759531.88000	0.21164	197.10	197.10	0.00	24-HR	ALL	1ST	11013124
445915.16000	3759645.84000	0.14424	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445865.19000	3759731.05000	0.08692	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445716.72000	3759815.77000	0.07470	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445917.06000	3759417.92000	0.08704	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445858.79000	3759314.63000	0.06818	195.98	195.98	0.00	24-HR	ALL	1ST	11013124
445800.52000	3759211.33000	0.05959	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445978.42000	3759484.57000	0.11927	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445977.57000	3759586.32000	0.15929	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445976.72000	3759688.07000	0.09774	198.23	198.23	0.00	24-HR	ALL	1ST	11013124
445932.11000	3759764.16000	0.07023	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445843.74000	3759814.58000	0.06504	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445711.17000	3759890.23000	0.06077	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445979.27000	3759382.83000	0.06988	197.00	197.00	0.00	24-HR	ALL	1ST	11013124

445921.00000	3759279.53000	0.05681	195.94	195.94	0.00	24-HR	ALL	1ST	11013124
446040.59000	3759454.57000	0.09009	197.43	197.43	0.00	24-HR	ALL	1ST	11013124
446039.26000	3759614.82000	0.19816	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
446038.36000	3759721.65000	0.07472	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445991.52000	3759801.55000	0.05710	199.01	199.01	0.00	24-HR	ALL	1ST	11013124
445898.73000	3759854.50000	0.05433	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445805.93000	3759907.44000	0.05253	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445713.14000	3759960.39000	0.05137	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
446041.48000	3759347.73000	0.05671	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445983.21000	3759244.44000	0.04789	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445924.94000	3759141.14000	0.04304	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
446102.77000	3759423.43000	0.06850	197.45	197.45	0.00	24-HR	ALL	1ST	11013124
446101.85000	3759534.22000	0.19639	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
446100.92000	3759645.01000	0.12077	198.99	198.99	0.00	24-HR	ALL	1ST	11013124
446100.00000	3759755.80000	0.05779	199.45	199.45	0.00	24-HR	ALL	1ST	11013124
446051.42000	3759838.66000	0.04691	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445955.19000	3759893.57000	0.04586	200.21	200.21	0.00	24-HR	ALL	1ST	11013124
445810.84000	3759975.93000	0.04474	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445714.61000	3760030.84000	0.04435	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
446103.70000	3759312.64000	0.04638	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
446045.43000	3759209.34000	0.04070	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445987.16000	3759106.05000	0.03717	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445668.21000	3759558.30000	0.22016	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445551.67000	3759351.71000	0.17176	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445218.51000	3759227.44000	0.25703	194.01	194.01	0.00	24-HR	ALL	1ST	11013124
445223.29000	3759266.56000	0.36692	194.65	194.65	0.00	24-HR	ALL	1ST	11013124
445225.18000	3759410.23000	0.41967	195.07	195.07	0.00	24-HR	ALL	1ST	11013124
445234.21000	3759476.19000	0.37098	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445234.88000	3759545.33000	0.36682	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445245.56000	3759555.85000	0.35590	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445384.18000	3759555.31000	0.30357	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445525.86000	3759553.62000	0.52166	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445575.06000	3759557.98000	0.40160	197.00	197.00	0.00	24-HR	ALL	1ST	11013124

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

\* AERMOD ( 14134): Eastvale Crossings PM10 2017

07/16/15

\* AERMET ( 14134):

08:30:23

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.12764	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.11854	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.08166	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.07088	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.06391	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.06793	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.04054	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.05264	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.09042	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.12760	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759478.00000	0.15813	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.16399	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.14738	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.06590	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.07169	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.07732	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.08454	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.09988	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.13246	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.05038	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.05353	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.05762	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.06347	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.07553	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.11369	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.04010	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.04247	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.04587	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.05100	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.06057	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.08462	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.03307	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.03505	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.03797	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.04239	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.05006	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.06669	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.02786	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.02822	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.02968	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.03218	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.03588	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.04202	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.05403	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.02389	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.02405	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.02552	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.02764	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.03067	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.03548	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.04431	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.02075	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.02076	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.02094	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.02084	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.02218	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.02390	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.02632	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.02999	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.03629	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.13758	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.13706	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.07236	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.08131	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.10516	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.07418	194.00	194.00	0.00	ANNUAL	ALL	00000005	

445019.14000	3759221.05000	0.04992	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.05319	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.05766	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.11193	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.09913	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.05083	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.03767	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.03957	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.04155	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.04402	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.06873	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.11934	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.13366	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.03814	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.02996	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.03495	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.04225	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.10016	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.03009	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.02452	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.02556	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.02642	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.02723	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.02846	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.04686	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.08678	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.08926	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.07248	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.02455	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.02053	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.02133	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.02198	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.02253	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.02299	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.02357	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.03017	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.05336	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.09759	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.13055	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.05505	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.02052	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.15054	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.07934	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.05316	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.03928	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.03070	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.02488	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.02068	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.16874	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.08348	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.05517	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.04051	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.03152	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.02545	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.02111	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.17618	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.09823	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.08555	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.06462	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.05902	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.04798	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.04494	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.04210	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.03762	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.03579	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.03406	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.03042	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.02927	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.02810	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.02685	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.02515	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.02448	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.02374	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.02291	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.02196	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.19665	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.15301	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.14728	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.11966	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.09910	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.08820	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.10917	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.07916	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.06677	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.10304	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.06643	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.06751	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.05505	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.08062	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.09694	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.05997	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.04764	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.09074	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.05138	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.05494	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.04247	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.08838	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.05043	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.03055	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.05095	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.03834	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.14884	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.15314	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.08401	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.08078	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.06088	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.05688	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.04867	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.04466	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.04110	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.03713	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.03577	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.03182	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.03167	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.02781	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.12946	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.07137	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.05068	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.03978	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.03282	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.02802	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.02431	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.14867	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.09377	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.07541	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.08439	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.08499	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.06121	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.09602	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.05985	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.05075	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.06339	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.04803	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.04079	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.12454	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.07885	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.04605	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.03902	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.04964	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.03913	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.03376	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.06867	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.09116	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.05248	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.03700	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.03396	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.03155	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.03986	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.03255	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.05169	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.11185	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.03979	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.02998	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.02830	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.02724	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.02663	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.03239	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.02742	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.02437	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.03930	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.11745	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.06641	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.03062	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.02454	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.02380	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.02307	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.02289	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.02653	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.02329	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.02104	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.12799	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.09880	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.14427	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.20866	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.23545	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.20627	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.20544	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.20142	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.17033	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.30291	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.23337	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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**Appendix J:  
AERMOD PM<sub>2.5</sub> Printouts**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.9.0
** Lakes Environmental Software Inc.
** Date: 7/16/2015
** File: C:\Vista Env\2015\15023 Eastvale\AERMOD\PM25\PM25.ADI
**
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*****

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** AERMOD Control Pathway
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CO STARTING
  TITLEONE Eastvale Crossings PM2.5 2017
  TITLETWO All PM2.5 Emissions
  MODELOPT DFAULT CONC
  AVERTIME 24 ANNUAL
  URBANOPT 2100516 Riverside_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL PM25.err
CO FINISHED

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*****
** AERMOD Source Pathway
*****
**
**

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SO STARTING

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** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION IDWALE POINT 445475.780 3759345.600 195.000
** DESCRSRC 4+axle truck idling Walmart East
LOCATION IDWALW POINT 445368.240 3759323.600 195.000
** DESCRSRC 4+axle truck idling Walmart west
LOCATION IDWALV POINT 445426.670 3759323.380 195.000
** DESCRSRC 2-axle trucks idling Walmart
LOCATION IDPA2H POINT 445605.420 3759505.150 196.000
** DESCRSRC 4+axle truck idling Parcel 2
LOCATION IDPA2M POINT 445594.780 3759529.160 196.100
** DESCRSRC 2-axle trucks idling Parcel 2
LOCATION IDPA3H POINT 445260.950 3759419.680 195.450
** DESCRSRC 4+axle truck idling Parcel 3
LOCATION IDPA3M POINT 445261.420 3759401.820 195.000
** DESCRSRC 2-axle trucks idling Parcel 3
LOCATION IDPA4H POINT 445256.050 3759364.940 195.000
** DESCRSRC 4+axle truck idling Parcel 4
LOCATION IDPA4M POINT 445241.660 3759365.230 195.000
** DESCRSRC 2-axle truck idling Parcel 4
LOCATION IDPA5H POINT 445268.770 3759270.780 195.000
** DESCRSRC 4+axle truck idling Parcel 5
LOCATION IDPA5M POINT 445268.090 3759295.890 195.000
** DESCRSRC 2-axle truck idling Parcel 5
LOCATION TRUWALE POINT 445458.600 3759341.830 195.000
** DESCRSRC TRU's East Walmart Loading Dock
LOCATION TRUWALW POINT 445382.980 3759326.560 195.000
** DESCRSRC TRUs West Walmart Loading Dock
LOCATION TRUPA2 POINT 445594.730 3759523.410 196.000
** DESCRSRC TRUs Parcel 2
LOCATION TRUPA3 POINT 445261.250 3759410.520 195.140
** DESCRSRC TRU Parcel 3

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LOCATION TRUPA4	POINT	445248.470	3759365.110	195.000
** DESCRSRC TRU Parcel 4				
LOCATION TRUPA5	POINT	445268.380	3759284.280	195.000
** DESCRSRC TRU Parcel 5				

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 \*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDWAL  
 \*\* DESCRSRC Total onsite truck Route Walmart

\*\* PREFIX  
 \*\* Length of Side = 3.66  
 \*\* Configuration = Separated  
 \*\* Emission Rate = 0.0000173  
 \*\* Vertical Dimension = 1.83  
 \*\* SZINIT = 0.85  
 \*\* Nodes = 12

\*\* 445225.716, 3759320.529, 195.00, 3.66, 3.37  
 \*\* 445274.443, 3759323.130, 195.00, 3.66, 3.37  
 \*\* 445291.786, 3759335.207, 195.00, 3.66, 3.37  
 \*\* 445302.222, 3759332.852, 195.00, 3.66, 3.37  
 \*\* 445339.805, 3759314.479, 195.00, 3.66, 3.37  
 \*\* 445369.671, 3759309.661, 195.00, 3.66, 3.37  
 \*\* 445455.206, 3759326.387, 195.00, 3.66, 3.37  
 \*\* 445526.732, 3759356.491, 195.00, 3.66, 3.37  
 \*\* 445559.401, 3759378.391, 195.00, 3.66, 3.37  
 \*\* 445575.397, 3759416.844, 195.95, 3.66, 3.37  
 \*\* 445549.426, 3759537.569, 196.00, 3.66, 3.37  
 \*\* 445548.811, 3759555.719, 196.14, 3.66, 3.37

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 LOCATION L0002648 VOLUME 445227.542 3759320.626 195.00  
 LOCATION L0002649 VOLUME 445234.781 3759321.013 195.00  
 LOCATION L0002650 VOLUME 445242.020 3759321.399 195.00  
 LOCATION L0002651 VOLUME 445249.259 3759321.786 195.00  
 LOCATION L0002652 VOLUME 445256.498 3759322.172 195.00  
 LOCATION L0002653 VOLUME 445263.737 3759322.559 195.00  
 LOCATION L0002654 VOLUME 445270.976 3759322.945 195.00  
 LOCATION L0002655 VOLUME 445277.542 3759325.289 195.00  
 LOCATION L0002656 VOLUME 445283.491 3759329.432 195.00  
 LOCATION L0002657 VOLUME 445289.440 3759333.574 195.00  
 LOCATION L0002658 VOLUME 445296.069 3759334.240 195.00  
 LOCATION L0002659 VOLUME 445303.068 3759332.438 195.00  
 LOCATION L0002660 VOLUME 445309.581 3759329.254 195.00  
 LOCATION L0002661 VOLUME 445316.093 3759326.071 195.00  
 LOCATION L0002662 VOLUME 445322.606 3759322.887 195.00  
 LOCATION L0002663 VOLUME 445329.118 3759319.703 195.00  
 LOCATION L0002664 VOLUME 445335.631 3759316.519 195.00  
 LOCATION L0002665 VOLUME 445342.375 3759314.064 195.00  
 LOCATION L0002666 VOLUME 445349.531 3759312.910 195.00  
 LOCATION L0002667 VOLUME 445356.688 3759311.755 195.00  
 LOCATION L0002668 VOLUME 445363.845 3759310.601 195.00  
 LOCATION L0002669 VOLUME 445370.994 3759309.920 195.00  
 LOCATION L0002670 VOLUME 445378.108 3759311.311 195.00  
 LOCATION L0002671 VOLUME 445385.223 3759312.702 195.00  
 LOCATION L0002672 VOLUME 445392.337 3759314.093 195.00  
 LOCATION L0002673 VOLUME 445399.451 3759315.485 195.00  
 LOCATION L0002674 VOLUME 445406.566 3759316.876 195.00  
 LOCATION L0002675 VOLUME 445413.680 3759318.267 195.00  
 LOCATION L0002676 VOLUME 445420.795 3759319.658 195.00  
 LOCATION L0002677 VOLUME 445427.909 3759321.049 195.00  
 LOCATION L0002678 VOLUME 445435.024 3759322.441 195.00  
 LOCATION L0002679 VOLUME 445442.138 3759323.832 195.00  
 LOCATION L0002680 VOLUME 445449.252 3759325.223 195.00  
 LOCATION L0002681 VOLUME 445456.296 3759326.846 195.00  
 LOCATION L0002682 VOLUME 445462.978 3759329.658 195.00  
 LOCATION L0002683 VOLUME 445469.659 3759332.470 195.00  
 LOCATION L0002684 VOLUME 445476.341 3759335.282 195.00  
 LOCATION L0002685 VOLUME 445483.022 3759338.095 195.00

LOCATION	VOLUME				
LOCATION L0002686	VOLUME	445489.704	3759340.907	195.00	
LOCATION L0002687	VOLUME	445496.385	3759343.719	195.00	
LOCATION L0002688	VOLUME	445503.067	3759346.531	195.00	
LOCATION L0002689	VOLUME	445509.748	3759349.343	195.00	
LOCATION L0002690	VOLUME	445516.430	3759352.155	195.00	
LOCATION L0002691	VOLUME	445523.111	3759354.967	195.00	
LOCATION L0002692	VOLUME	445529.491	3759358.340	195.00	
LOCATION L0002693	VOLUME	445535.512	3759362.377	195.00	
LOCATION L0002694	VOLUME	445541.533	3759366.413	195.00	
LOCATION L0002695	VOLUME	445547.555	3759370.450	195.00	
LOCATION L0002696	VOLUME	445553.576	3759374.486	195.00	
LOCATION L0002697	VOLUME	445559.492	3759378.610	195.08	
LOCATION L0002698	VOLUME	445562.276	3759385.303	195.30	
LOCATION L0002699	VOLUME	445565.060	3759391.996	195.52	
LOCATION L0002700	VOLUME	445567.845	3759398.689	195.75	
LOCATION L0002701	VOLUME	445570.629	3759405.382	195.97	
LOCATION L0002702	VOLUME	445573.413	3759412.075	196.00	
LOCATION L0002703	VOLUME	445574.959	3759418.882	196.00	
LOCATION L0002704	VOLUME	445573.434	3759425.969	196.00	
LOCATION L0002705	VOLUME	445571.910	3759433.056	196.00	
LOCATION L0002706	VOLUME	445570.385	3759440.143	196.00	
LOCATION L0002707	VOLUME	445568.860	3759447.230	196.00	
LOCATION L0002708	VOLUME	445567.336	3759454.317	196.00	
LOCATION L0002709	VOLUME	445565.811	3759461.404	196.00	
LOCATION L0002710	VOLUME	445564.286	3759468.491	196.00	
LOCATION L0002711	VOLUME	445562.762	3759475.578	196.00	
LOCATION L0002712	VOLUME	445561.237	3759482.665	196.00	
LOCATION L0002713	VOLUME	445559.713	3759489.752	196.00	
LOCATION L0002714	VOLUME	445558.188	3759496.839	196.00	
LOCATION L0002715	VOLUME	445556.663	3759503.926	196.00	
LOCATION L0002716	VOLUME	445555.139	3759511.013	196.00	
LOCATION L0002717	VOLUME	445553.614	3759518.100	196.00	
LOCATION L0002718	VOLUME	445552.089	3759525.187	196.00	
LOCATION L0002719	VOLUME	445550.565	3759532.274	196.07	
LOCATION L0002720	VOLUME	445549.364	3759539.401	196.15	
LOCATION L0002721	VOLUME	445549.118	3759546.646	196.22	
LOCATION L0002722	VOLUME	445548.872	3759553.891	196.29	

\*\* End of LINE VOLUME Source ID = RDWAL

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A2

\*\* DESCRSRC Total onsite truck route Parcel 2

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 1.328E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 9

\*\* 445645.846, 3759558.289, 196.92, 3.66, 3.38

\*\* 445645.846, 3759539.174, 196.46, 3.66, 3.38

\*\* 445638.289, 3759521.615, 196.15, 3.66, 3.38

\*\* 445618.285, 3759511.391, 196.00, 3.66, 3.38

\*\* 445589.613, 3759503.389, 196.00, 3.66, 3.38

\*\* 445585.835, 3759491.609, 196.00, 3.66, 3.38

\*\* 445567.164, 3759486.941, 196.00, 3.66, 3.38

\*\* 445559.829, 3759508.279, 196.00, 3.66, 3.38

\*\* 445554.051, 3759555.622, 196.37, 3.66, 3.38

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LOCATION L0002723	VOLUME	445645.846	3759556.460	197.00	
LOCATION L0002724	VOLUME	445645.846	3759549.203	196.89	
LOCATION L0002725	VOLUME	445645.846	3759541.946	196.78	
LOCATION L0002726	VOLUME	445644.074	3759535.054	196.64	
LOCATION L0002727	VOLUME	445641.205	3759528.389	196.44	
LOCATION L0002728	VOLUME	445638.336	3759521.723	196.25	
LOCATION L0002729	VOLUME	445631.932	3759518.366	196.06	

LOCATION	VOLUME				
L0002730	445625.470	3759515.063	196.00		
L0002731	445619.009	3759511.760	196.00		
L0002732	445612.078	3759509.658	196.00		
L0002733	445605.088	3759507.708	196.00		
L0002734	445598.098	3759505.757	196.00		
L0002735	445591.108	3759503.806	196.00		
L0002736	445587.871	3759497.957	196.00		
L0002737	445585.262	3759491.466	196.00		
L0002738	445578.222	3759489.706	196.00		
L0002739	445571.182	3759487.946	196.00		
L0002740	445566.151	3759489.888	196.00		
L0002741	445563.792	3759496.751	196.00		
L0002742	445561.433	3759503.614	196.00		
L0002743	445559.548	3759510.585	196.00		
L0002744	445558.669	3759517.789	196.00		
L0002745	445557.789	3759524.992	196.00		
L0002746	445556.910	3759532.196	196.12		
L0002747	445556.031	3759539.399	196.24		
L0002748	445555.151	3759546.603	196.36		
L0002749	445554.272	3759553.806	196.46		

\*\* End of LINE VOLUME Source ID = RDP A2

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDP A34

\*\* DESCRSRC Total onsite truck route Parcels 3 & 4

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 4.779E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 13

\*\* 445542.440, 3759554.520, 196.02, 3.66, 3.40

\*\* 445544.707, 3759538.461, 196.00, 3.66, 3.40

\*\* 445553.020, 3759484.991, 196.00, 3.66, 3.40

\*\* 445280.764, 3759427.748, 195.79, 3.66, 3.40

\*\* 445265.073, 3759426.825, 195.78, 3.66, 3.40

\*\* 445263.632, 3759382.590, 195.00, 3.66, 3.40

\*\* 445233.968, 3759382.023, 195.00, 3.66, 3.40

\*\* 445233.023, 3759365.396, 195.00, 3.66, 3.40

\*\* 445300.477, 3759365.207, 195.00, 3.66, 3.40

\*\* 445293.828, 3759345.891, 195.00, 3.66, 3.40

\*\* 445283.044, 3759334.834, 195.00, 3.66, 3.40

\*\* 445264.697, 3759327.948, 195.00, 3.66, 3.40

\*\* 445224.562, 3759327.675, 195.00, 3.66, 3.40

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LOCATION	VOLUME				
L0002750	445542.695	3759552.709	196.10		
L0002751	445543.718	3759545.469	196.09		
L0002752	445544.743	3759538.229	196.07		
L0002753	445545.867	3759531.003	196.03		
L0002754	445546.990	3759523.777	196.00		
L0002755	445548.113	3759516.552	196.00		
L0002756	445549.237	3759509.326	196.00		
L0002757	445550.360	3759502.101	196.00		
L0002758	445551.484	3759494.875	196.00		
L0002759	445552.607	3759487.649	196.00		
L0002760	445548.497	3759484.040	196.00		
L0002761	445541.341	3759482.536	196.00		
L0002762	445534.185	3759481.031	196.00		
L0002763	445527.029	3759479.527	196.00		
L0002764	445519.873	3759478.022	196.00		
L0002765	445512.717	3759476.517	196.00		
L0002766	445505.561	3759475.013	196.00		
L0002767	445498.405	3759473.508	196.00		
L0002768	445491.249	3759472.004	196.00		
L0002769	445484.093	3759470.499	196.00		

LOCATION	L0002770	VOLUME	445476.937	3759468.995	196.00
LOCATION	L0002771	VOLUME	445469.781	3759467.490	196.00
LOCATION	L0002772	VOLUME	445462.625	3759465.985	196.00
LOCATION	L0002773	VOLUME	445455.470	3759464.481	196.00
LOCATION	L0002774	VOLUME	445448.314	3759462.976	196.00
LOCATION	L0002775	VOLUME	445441.158	3759461.472	196.00
LOCATION	L0002776	VOLUME	445434.002	3759459.967	196.00
LOCATION	L0002777	VOLUME	445426.846	3759458.463	196.00
LOCATION	L0002778	VOLUME	445419.690	3759456.958	196.00
LOCATION	L0002779	VOLUME	445412.534	3759455.453	196.00
LOCATION	L0002780	VOLUME	445405.378	3759453.949	196.00
LOCATION	L0002781	VOLUME	445398.222	3759452.444	196.00
LOCATION	L0002782	VOLUME	445391.066	3759450.940	196.00
LOCATION	L0002783	VOLUME	445383.910	3759449.435	196.00
LOCATION	L0002784	VOLUME	445376.754	3759447.931	196.00
LOCATION	L0002785	VOLUME	445369.598	3759446.426	196.00
LOCATION	L0002786	VOLUME	445362.442	3759444.921	196.00
LOCATION	L0002787	VOLUME	445355.286	3759443.417	196.00
LOCATION	L0002788	VOLUME	445348.130	3759441.912	196.00
LOCATION	L0002789	VOLUME	445340.975	3759440.408	196.00
LOCATION	L0002790	VOLUME	445333.819	3759438.903	196.00
LOCATION	L0002791	VOLUME	445326.663	3759437.399	196.00
LOCATION	L0002792	VOLUME	445319.507	3759435.894	195.99
LOCATION	L0002793	VOLUME	445312.351	3759434.389	195.94
LOCATION	L0002794	VOLUME	445305.195	3759432.885	195.89
LOCATION	L0002795	VOLUME	445298.039	3759431.380	195.84
LOCATION	L0002796	VOLUME	445290.883	3759429.876	195.79
LOCATION	L0002797	VOLUME	445283.727	3759428.371	195.74
LOCATION	L0002798	VOLUME	445276.487	3759427.497	195.71
LOCATION	L0002799	VOLUME	445269.187	3759427.067	195.69
LOCATION	L0002800	VOLUME	445264.970	3759423.635	195.58
LOCATION	L0002801	VOLUME	445264.731	3759416.327	195.34
LOCATION	L0002802	VOLUME	445264.493	3759409.018	195.09
LOCATION	L0002803	VOLUME	445264.255	3759401.710	195.00
LOCATION	L0002804	VOLUME	445264.017	3759394.401	195.00
LOCATION	L0002805	VOLUME	445263.779	3759387.092	195.00
LOCATION	L0002806	VOLUME	445260.826	3759382.536	195.00
LOCATION	L0002807	VOLUME	445253.515	3759382.396	195.00
LOCATION	L0002808	VOLUME	445246.204	3759382.256	195.00
LOCATION	L0002809	VOLUME	445238.893	3759382.117	195.00
LOCATION	L0002810	VOLUME	445233.833	3759379.640	195.00
LOCATION	L0002811	VOLUME	445233.418	3759372.339	195.00
LOCATION	L0002812	VOLUME	445233.381	3759365.395	195.00
LOCATION	L0002813	VOLUME	445240.694	3759365.374	195.00
LOCATION	L0002814	VOLUME	445248.006	3759365.354	195.00
LOCATION	L0002815	VOLUME	445255.318	3759365.333	195.00
LOCATION	L0002816	VOLUME	445262.631	3759365.313	195.00
LOCATION	L0002817	VOLUME	445269.943	3759365.292	195.00
LOCATION	L0002818	VOLUME	445277.255	3759365.272	195.00
LOCATION	L0002819	VOLUME	445284.568	3759365.251	195.00
LOCATION	L0002820	VOLUME	445291.880	3759365.231	195.00
LOCATION	L0002821	VOLUME	445299.193	3759365.210	195.00
LOCATION	L0002822	VOLUME	445298.515	3759359.506	195.00
LOCATION	L0002823	VOLUME	445296.135	3759352.592	195.00
LOCATION	L0002824	VOLUME	445293.671	3759345.730	195.00
LOCATION	L0002825	VOLUME	445288.565	3759340.495	195.00
LOCATION	L0002826	VOLUME	445283.460	3759335.260	195.00
LOCATION	L0002827	VOLUME	445276.755	3759332.474	195.00
LOCATION	L0002828	VOLUME	445269.909	3759329.904	195.00
LOCATION	L0002829	VOLUME	445262.952	3759327.937	195.00
LOCATION	L0002830	VOLUME	445255.639	3759327.887	195.00
LOCATION	L0002831	VOLUME	445248.327	3759327.837	195.00
LOCATION	L0002832	VOLUME	445241.015	3759327.787	195.00
LOCATION	L0002833	VOLUME	445233.703	3759327.738	195.00
LOCATION	L0002834	VOLUME	445226.390	3759327.688	195.00

\*\* End of LINE VOLUME Source ID = RDPA34

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** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = RDP A5
** DESCRSRC Total onsite truck Route Parcel 5
** PREFIX
** Length of Side = 3.66
** Configuration = Separated
** Emission Rate = 3.327E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 15
** 445225.045, 3759313.705, 195.00, 3.66, 3.37
** 445270.296, 3759314.802, 195.00, 3.66, 3.37
** 445281.814, 3759319.053, 195.00, 3.66, 3.37
** 445297.858, 3759326.046, 195.00, 3.66, 3.37
** 445309.513, 3759318.779, 195.00, 3.66, 3.37
** 445304.440, 3759308.357, 195.00, 3.66, 3.37
** 445269.073, 3759307.625, 195.00, 3.66, 3.37
** 445270.873, 3759259.729, 195.00, 3.66, 3.37
** 445308.453, 3759273.205, 195.00, 3.66, 3.37
** 445312.438, 3759283.264, 195.00, 3.66, 3.37
** 445312.249, 3759322.741, 195.00, 3.66, 3.37
** 445293.897, 3759330.364, 195.00, 3.66, 3.37
** 445277.648, 3759320.061, 195.00, 3.66, 3.37
** 445269.821, 3759318.079, 195.00, 3.66, 3.37
** 445225.231, 3759317.425, 195.00, 3.66, 3.37
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LOCATION	VOLUME				
L0002835	445226.874	3759313.749	195.00		
L0002836	445234.112	3759313.925	195.00		
L0002837	445241.350	3759314.100	195.00		
L0002838	445248.588	3759314.276	195.00		
L0002839	445255.826	3759314.451	195.00		
L0002840	445263.065	3759314.627	195.00		
L0002841	445270.302	3759314.804	195.00		
L0002842	445277.095	3759317.311	195.00		
L0002843	445283.840	3759319.936	195.00		
L0002844	445290.477	3759322.829	195.00		
L0002845	445297.114	3759325.722	195.00		
L0002846	445303.314	3759322.644	195.00		
L0002847	445309.457	3759318.813	195.00		
L0002848	445306.373	3759312.328	195.00		
L0002849	445301.616	3759308.299	195.00		
L0002850	445294.378	3759308.149	195.00		
L0002851	445287.139	3759307.999	195.00		
L0002852	445279.900	3759307.849	195.00		
L0002853	445272.661	3759307.699	195.00		
L0002854	445269.210	3759303.976	195.00		
L0002855	445269.482	3759296.740	195.00		
L0002856	445269.754	3759289.505	195.00		
L0002857	445270.026	3759282.270	195.00		
L0002858	445270.298	3759275.035	195.00		
L0002859	445270.570	3759267.800	195.00		
L0002860	445270.842	3759260.564	195.00		
L0002861	445276.902	3759261.891	195.00		
L0002862	445283.718	3759264.335	195.00		
L0002863	445290.533	3759266.779	195.00		
L0002864	445297.348	3759269.223	195.00		
L0002865	445304.164	3759271.667	195.00		
L0002866	445309.441	3759275.700	195.00		
L0002867	445312.108	3759282.431	195.00		
L0002868	445312.408	3759289.609	195.00		
L0002869	445312.373	3759296.849	195.00		
L0002870	445312.338	3759304.089	195.00		
L0002871	445312.303	3759311.329	195.00		
L0002872	445312.269	3759318.570	195.00		
L0002873	445309.414	3759323.918	195.00		



LOCATION	L0002874	VOLUME	445302.728	3759326.696	195.00
LOCATION	L0002875	VOLUME	445296.042	3759329.473	195.00
LOCATION	L0002876	VOLUME	445289.744	3759327.731	195.00
LOCATION	L0002877	VOLUME	445283.629	3759323.853	195.00
LOCATION	L0002878	VOLUME	445277.495	3759320.022	195.00
LOCATION	L0002879	VOLUME	445270.476	3759318.245	195.00
LOCATION	L0002880	VOLUME	445263.257	3759317.983	195.00
LOCATION	L0002881	VOLUME	445256.017	3759317.877	195.00
LOCATION	L0002882	VOLUME	445248.778	3759317.771	195.00
LOCATION	L0002883	VOLUME	445241.538	3759317.664	195.00
LOCATION	L0002884	VOLUME	445234.299	3759317.558	195.00
LOCATION	L0002885	VOLUME	445227.059	3759317.452	195.00

\*\* End of LINE VOLUME Source ID = RDPA5

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARN

\*\* DESCRSRC Total trucks Archibald Ave North

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.0004915

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 445207.188, 3759567.986, 196.00, 3.66, 16.48

\*\* 445205.501, 3759727.615, 196.70, 3.66, 16.48

\*\* 445187.506, 3759879.142, 197.00, 3.66, 16.48

\*\* 445192.395, 3760329.026, 200.00, 3.66, 16.48

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LOCATION	L0002886	VOLUME	445207.091	3759577.130	196.00
LOCATION	L0002887	VOLUME	445206.717	3759612.549	196.00
LOCATION	L0002888	VOLUME	445206.342	3759647.969	196.00
LOCATION	L0002889	VOLUME	445205.968	3759683.388	196.00
LOCATION	L0002890	VOLUME	445205.594	3759718.808	196.36
LOCATION	L0002891	VOLUME	445202.362	3759754.043	196.90
LOCATION	L0002892	VOLUME	445198.185	3759789.218	197.00
LOCATION	L0002893	VOLUME	445194.008	3759824.392	197.00
LOCATION	L0002894	VOLUME	445189.831	3759859.567	197.00
LOCATION	L0002895	VOLUME	445187.677	3759894.850	197.00
LOCATION	L0002896	VOLUME	445188.062	3759930.269	197.47
LOCATION	L0002897	VOLUME	445188.447	3759965.689	198.00
LOCATION	L0002898	VOLUME	445188.832	3760001.108	198.00
LOCATION	L0002899	VOLUME	445189.216	3760036.527	198.00
LOCATION	L0002900	VOLUME	445189.601	3760071.947	198.19
LOCATION	L0002901	VOLUME	445189.986	3760107.366	199.00
LOCATION	L0002902	VOLUME	445190.371	3760142.786	199.00
LOCATION	L0002903	VOLUME	445190.756	3760178.205	199.00
LOCATION	L0002904	VOLUME	445191.141	3760213.625	199.36
LOCATION	L0002905	VOLUME	445191.526	3760249.044	200.00
LOCATION	L0002906	VOLUME	445191.911	3760284.464	200.00
LOCATION	L0002907	VOLUME	445192.296	3760319.883	200.00

\*\* End of LINE VOLUME Source ID = RDARN

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDARS

\*\* DESCRSRC Total trucks Archibald Ave South

\*\* PREFIX

\*\* Length of Side = 18.29

\*\* Configuration = Separated

\*\* Emission Rate = 0.0007093

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 5

\*\* 445204.661, 3759560.557, 196.00, 3.66, 16.62

\*\* 445208.218, 3759309.452, 195.00, 3.66, 16.62

\*\* 445207.953, 3759116.801, 193.00, 3.66, 16.62

\*\* 445205.471, 3758788.771, 191.00, 3.66, 16.62  
\*\* 445205.096, 3758613.447, 190.00, 3.66, 16.62

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LOCATION	L0002908	VOLUME	445204.791	3759551.414	196.00
LOCATION	L0002909	VOLUME	445205.297	3759515.693	196.00
LOCATION	L0002910	VOLUME	445205.803	3759479.971	195.94
LOCATION	L0002911	VOLUME	445206.308	3759444.249	195.24
LOCATION	L0002912	VOLUME	445206.814	3759408.528	195.00
LOCATION	L0002913	VOLUME	445207.320	3759372.806	195.00
LOCATION	L0002914	VOLUME	445207.826	3759337.084	195.00
LOCATION	L0002915	VOLUME	445208.207	3759301.362	195.00
LOCATION	L0002916	VOLUME	445208.157	3759265.636	194.31
LOCATION	L0002917	VOLUME	445208.108	3759229.911	194.00
LOCATION	L0002918	VOLUME	445208.059	3759194.186	194.00
LOCATION	L0002919	VOLUME	445208.010	3759158.461	193.99
LOCATION	L0002920	VOLUME	445207.961	3759122.736	193.52
LOCATION	L0002921	VOLUME	445207.727	3759087.011	193.00
LOCATION	L0002922	VOLUME	445207.457	3759051.287	193.00
LOCATION	L0002923	VOLUME	445207.187	3759015.563	193.00
LOCATION	L0002924	VOLUME	445206.917	3758979.838	192.79
LOCATION	L0002925	VOLUME	445206.646	3758944.114	192.00
LOCATION	L0002926	VOLUME	445206.376	3758908.390	192.00
LOCATION	L0002927	VOLUME	445206.106	3758872.666	192.00
LOCATION	L0002928	VOLUME	445205.836	3758836.941	192.00
LOCATION	L0002929	VOLUME	445205.565	3758801.217	191.73
LOCATION	L0002930	VOLUME	445205.421	3758765.492	191.00
LOCATION	L0002931	VOLUME	445205.345	3758729.767	191.00
LOCATION	L0002932	VOLUME	445205.269	3758694.042	191.00
LOCATION	L0002933	VOLUME	445205.192	3758658.317	190.07
LOCATION	L0002934	VOLUME	445205.116	3758622.591	190.00

\*\* End of LINE VOLUME Source ID = RDARS

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\*\* Line Source Represented by Separated Volume Sources  
\*\* LINE VOLUME Source ID = RDLIM  
\*\* DESCRSRC Total trucks Limonite Avenue  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Separated  
\*\* Emission Rate = 0.0006749  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 4  
\*\* 445222.372, 3759571.741, 196.00, 3.66, 16.62  
\*\* 445644.234, 3759576.010, 197.00, 3.66, 16.62  
\*\* 445927.437, 3759573.655, 198.00, 3.66, 16.62  
\*\* 446205.642, 3759572.900, 199.00, 3.66, 16.62

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LOCATION	L0002935	VOLUME	445231.515	3759571.834	196.00
LOCATION	L0002936	VOLUME	445267.255	3759572.195	196.00
LOCATION	L0002937	VOLUME	445302.994	3759572.557	196.00
LOCATION	L0002938	VOLUME	445338.734	3759572.919	196.00
LOCATION	L0002939	VOLUME	445374.473	3759573.280	196.00
LOCATION	L0002940	VOLUME	445410.213	3759573.642	196.00
LOCATION	L0002941	VOLUME	445445.952	3759574.003	196.00
LOCATION	L0002942	VOLUME	445481.691	3759574.365	196.05
LOCATION	L0002943	VOLUME	445517.431	3759574.727	196.61
LOCATION	L0002944	VOLUME	445553.170	3759575.088	196.80
LOCATION	L0002945	VOLUME	445588.910	3759575.450	197.00
LOCATION	L0002946	VOLUME	445624.649	3759575.812	197.00
LOCATION	L0002947	VOLUME	445660.389	3759575.875	197.00
LOCATION	L0002948	VOLUME	445696.129	3759575.578	197.00
LOCATION	L0002949	VOLUME	445731.869	3759575.281	197.00
LOCATION	L0002950	VOLUME	445767.609	3759574.984	197.00
LOCATION	L0002951	VOLUME	445803.349	3759574.687	197.00
LOCATION	L0002952	VOLUME	445839.089	3759574.390	197.00
LOCATION	L0002953	VOLUME	445874.829	3759574.092	197.11

LOCATION L0002954	VOLUME	445910.569	3759573.795	197.74
LOCATION L0002955	VOLUME	445946.310	3759573.604	198.00
LOCATION L0002956	VOLUME	445982.051	3759573.507	198.00
LOCATION L0002957	VOLUME	446017.792	3759573.410	198.00
LOCATION L0002958	VOLUME	446053.533	3759573.313	198.00
LOCATION L0002959	VOLUME	446089.274	3759573.216	198.00
LOCATION L0002960	VOLUME	446125.016	3759573.119	198.29
LOCATION L0002961	VOLUME	446160.757	3759573.022	198.87
LOCATION L0002962	VOLUME	446196.498	3759572.925	199.00

\*\* End of LINE VOLUME Source ID = RDLIM

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\*\* Line Source Represented by Separated Volume Sources

\*\* LINE VOLUME Source ID = RDONA

\*\* DESCRSRC Onsite Automobile Route

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Separated

\*\* Emission Rate = 0.0006664

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 12

\*\* 445225.063, 3759324.604, 195.00, 0.00, 3.39

\*\* 445265.323, 3759325.117, 195.00, 0.00, 3.39

\*\* 445286.408, 3759334.110, 195.00, 0.00, 3.39

\*\* 445300.154, 3759345.582, 195.00, 0.00, 3.39

\*\* 445306.917, 3759359.499, 195.00, 0.00, 3.39

\*\* 445306.345, 3759378.383, 195.00, 0.00, 3.39

\*\* 445299.348, 3759399.376, 195.00, 0.00, 3.39

\*\* 445294.055, 3759425.126, 195.71, 0.00, 3.39

\*\* 445556.709, 3759482.068, 196.00, 0.00, 3.39

\*\* 445550.111, 3759519.042, 196.00, 0.00, 3.39

\*\* 445546.827, 3759539.958, 196.12, 0.00, 3.39

\*\* 445545.731, 3759554.776, 196.06, 0.00, 3.39

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LOCATION L0002963	VOLUME	445226.891	3759324.627	195.00
LOCATION L0002964	VOLUME	445234.174	3759324.720	195.00
LOCATION L0002965	VOLUME	445241.457	3759324.813	195.00
LOCATION L0002966	VOLUME	445248.740	3759324.906	195.00
LOCATION L0002967	VOLUME	445256.023	3759324.999	195.00
LOCATION L0002968	VOLUME	445263.306	3759325.092	195.00
LOCATION L0002969	VOLUME	445270.167	3759327.183	195.00
LOCATION L0002970	VOLUME	445276.866	3759330.040	195.00
LOCATION L0002971	VOLUME	445283.566	3759332.898	195.00
LOCATION L0002972	VOLUME	445289.628	3759336.797	195.00
LOCATION L0002973	VOLUME	445295.220	3759341.464	195.00
LOCATION L0002974	VOLUME	445300.529	3759346.352	195.00
LOCATION L0002975	VOLUME	445303.712	3759352.903	195.00
LOCATION L0002976	VOLUME	445306.895	3759359.454	195.00
LOCATION L0002977	VOLUME	445306.698	3759366.729	195.00
LOCATION L0002978	VOLUME	445306.478	3759374.009	195.00
LOCATION L0002979	VOLUME	445305.426	3759381.142	195.00
LOCATION L0002980	VOLUME	445303.123	3759388.051	195.00
LOCATION L0002981	VOLUME	445300.820	3759394.961	195.00
LOCATION L0002982	VOLUME	445298.819	3759401.952	195.00
LOCATION L0002983	VOLUME	445297.352	3759409.086	195.09
LOCATION L0002984	VOLUME	445295.886	3759416.221	195.33
LOCATION L0002985	VOLUME	445294.419	3759423.355	195.57
LOCATION L0002986	VOLUME	445299.406	3759426.286	195.67
LOCATION L0002987	VOLUME	445306.524	3759427.830	195.72
LOCATION L0002988	VOLUME	445313.642	3759429.373	195.77
LOCATION L0002989	VOLUME	445320.760	3759430.916	195.82
LOCATION L0002990	VOLUME	445327.878	3759432.459	195.87
LOCATION L0002991	VOLUME	445334.997	3759434.002	195.92
LOCATION L0002992	VOLUME	445342.115	3759435.545	195.98
LOCATION L0002993	VOLUME	445349.233	3759437.088	196.00
LOCATION L0002994	VOLUME	445356.351	3759438.632	196.00

LOCATION	L0002995	VOLUME	445363.469	3759440.175	196.00
LOCATION	L0002996	VOLUME	445370.587	3759441.718	196.00
LOCATION	L0002997	VOLUME	445377.705	3759443.261	196.00
LOCATION	L0002998	VOLUME	445384.824	3759444.804	196.00
LOCATION	L0002999	VOLUME	445391.942	3759446.347	196.00
LOCATION	L0003000	VOLUME	445399.060	3759447.891	196.00
LOCATION	L0003001	VOLUME	445406.178	3759449.434	196.00
LOCATION	L0003002	VOLUME	445413.296	3759450.977	196.00
LOCATION	L0003003	VOLUME	445420.414	3759452.520	196.00
LOCATION	L0003004	VOLUME	445427.532	3759454.063	196.00
LOCATION	L0003005	VOLUME	445434.650	3759455.606	196.00
LOCATION	L0003006	VOLUME	445441.769	3759457.150	196.00
LOCATION	L0003007	VOLUME	445448.887	3759458.693	196.00
LOCATION	L0003008	VOLUME	445456.005	3759460.236	196.00
LOCATION	L0003009	VOLUME	445463.123	3759461.779	196.00
LOCATION	L0003010	VOLUME	445470.241	3759463.322	196.00
LOCATION	L0003011	VOLUME	445477.359	3759464.865	196.00
LOCATION	L0003012	VOLUME	445484.477	3759466.408	196.00
LOCATION	L0003013	VOLUME	445491.596	3759467.952	196.00
LOCATION	L0003014	VOLUME	445498.714	3759469.495	196.00
LOCATION	L0003015	VOLUME	445505.832	3759471.038	196.00
LOCATION	L0003016	VOLUME	445512.950	3759472.581	196.00
LOCATION	L0003017	VOLUME	445520.068	3759474.124	196.00
LOCATION	L0003018	VOLUME	445527.186	3759475.667	196.00
LOCATION	L0003019	VOLUME	445534.304	3759477.211	196.00
LOCATION	L0003020	VOLUME	445541.422	3759478.754	196.00
LOCATION	L0003021	VOLUME	445548.541	3759480.297	196.00
LOCATION	L0003022	VOLUME	445555.659	3759481.840	196.00
LOCATION	L0003023	VOLUME	445555.618	3759488.180	196.00
LOCATION	L0003024	VOLUME	445554.338	3759495.351	196.00
LOCATION	L0003025	VOLUME	445553.059	3759502.521	196.00
LOCATION	L0003026	VOLUME	445551.779	3759509.691	196.00
LOCATION	L0003027	VOLUME	445550.500	3759516.861	196.00
LOCATION	L0003028	VOLUME	445549.325	3759524.049	196.00
LOCATION	L0003029	VOLUME	445548.195	3759531.244	196.05
LOCATION	L0003030	VOLUME	445547.066	3759538.440	196.10
LOCATION	L0003031	VOLUME	445546.403	3759545.689	196.15
LOCATION	L0003032	VOLUME	445545.866	3759552.953	196.19

\*\* End of LINE VOLUME Source ID = RDONA

\*\* Source Parameters \*\*

SRCPARAM	IDWALE	5.605E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALW	5.605E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDWALV	0.00001	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2H	2.49E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA2M	2.0E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3H	3.737E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA3M	3.0E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4H	3.737E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA4M	3.0E-06	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5H	4.982E-07	3.840	366.000	50.00000	0.100
SRCPARAM	IDPA5M	5.0E-06	3.840	366.000	50.00000	0.100
SRCPARAM	TRUWALE	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUWALW	0.00001	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA2	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA3	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA4	6.667E-06	3.658	501.000	50.00000	0.040
SRCPARAM	TRUPA5	6.667E-06	3.658	501.000	50.00000	0.040

\*\* LINE VOLUME Source ID = RDWAL

SRCPARAM	L0002648	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002649	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002650	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002651	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002652	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002653	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002654	0.0000002307	3.66	3.37	0.85
SRCPARAM	L0002655	0.0000002307	3.66	3.37	0.85















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*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED PM25.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\rivr8.sfc
  PROFFILE ..\rivr8.PFL
  SURFDATA 0 2008 Riverside 461640.00 3762100.00
  UAIRDATA 3190 2008
  SITEDATA 99999 2008
  PROFBASE 250.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST PM25.AD\24H1GALL.PLT 31
  PLOTFILE ANNUAL ALL PM25.AD\AN00GALL.PLT 32
  SUMMFILE PM25.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM World Geodetic System 1984
** DTMRGN Global Definition
** UNITS m
** ZONE 11
** ZONEINX 0
**
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\* AERMOD ( 14134): Eastvale Crossings PM2.5 2017

07/16/15

\* AERMET ( 14134):

11:23:30

\* MODELING OPTIONS USED: RegDFAULT CONC ELEV

\* PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	RANK	NET ID	DATE (CONC)
445775.00000	3759546.00000	0.09380	197.00	197.00	0.00	24-HR	ALL	1ST		11013124
445738.00000	3759518.00000	0.08851	197.00	197.00	0.00	24-HR	ALL	1ST		11013124
445697.00000	3759435.00000	0.06279	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445654.00000	3759362.00000	0.05622	195.52	195.52	0.00	24-HR	ALL	1ST		11013124
445627.00000	3759314.00000	0.05160	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445489.00000	3759232.00000	0.05579	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445601.00000	3759139.00000	0.03324	194.95	194.95	0.00	24-HR	ALL	1ST		11013124
445402.00000	3759055.00000	0.04250	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445285.00000	3759024.00000	0.06871	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445254.00000	3759017.00000	0.09438	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445159.00000	3759478.00000	0.12728	195.13	195.13	0.00	24-HR	ALL	1ST		11013124
445161.00000	3759538.00000	0.13014	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445165.00000	3759637.00000	0.11618	196.00	196.00	0.00	24-HR	ALL	1ST		11013124
445576.63000	3759284.79000	0.05377	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445510.00000	3759259.93000	0.05875	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445443.37000	3759235.08000	0.06363	194.86	194.86	0.00	24-HR	ALL	1ST		11013124
445376.74000	3759210.22000	0.06968	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445310.11000	3759185.37000	0.08023	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445243.47000	3759160.52000	0.10223	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445638.85000	3759249.69000	0.04076	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445534.96000	3759193.01000	0.04397	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445468.33000	3759168.15000	0.04754	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445401.70000	3759143.30000	0.05208	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445335.07000	3759118.45000	0.06037	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445268.44000	3759093.59000	0.08623	193.56	193.56	0.00	24-HR	ALL	1ST		11013124
445663.81000	3759182.77000	0.03248	194.55	194.55	0.00	24-HR	ALL	1ST		11013124
445559.93000	3759126.08000	0.03498	195.00	195.00	0.00	24-HR	ALL	1ST		11013124
445493.30000	3759101.23000	0.03779	194.91	194.91	0.00	24-HR	ALL	1ST		11013124
445426.66000	3759076.37000	0.04157	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445360.03000	3759051.52000	0.04819	193.19	193.19	0.00	24-HR	ALL	1ST		11013124
445293.40000	3759026.67000	0.06472	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445701.19000	3759126.45000	0.02679	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445584.89000	3759059.16000	0.02885	194.43	194.43	0.00	24-HR	ALL	1ST		11013124
445518.26000	3759034.30000	0.03116	193.90	193.90	0.00	24-HR	ALL	1ST		11013124
445451.63000	3759009.45000	0.03435	193.79	193.79	0.00	24-HR	ALL	1ST		11013124
445384.99000	3758984.60000	0.03969	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445318.36000	3758959.74000	0.05123	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445723.05000	3759056.87000	0.02265	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445816.17000	3759136.45000	0.02245	194.23	194.23	0.00	24-HR	ALL	1ST		11013124
445609.85000	3758992.23000	0.02435	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445543.22000	3758967.38000	0.02627	193.32	193.32	0.00	24-HR	ALL	1ST		11013124
445476.59000	3758942.53000	0.02892	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445409.96000	3758917.67000	0.03322	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445343.33000	3758892.82000	0.04159	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445746.15000	3758988.36000	0.01945	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445835.55000	3759064.75000	0.01925	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445634.82000	3758925.31000	0.02086	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445568.18000	3758900.46000	0.02245	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445501.55000	3758875.60000	0.02462	192.82	192.82	0.00	24-HR	ALL	1ST		11013124
445434.92000	3758850.75000	0.02798	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445368.29000	3758825.89000	0.03413	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445778.56000	3758927.80000	0.01688	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445830.71000	3758972.36000	0.01678	193.87	193.87	0.00	24-HR	ALL	1ST		11013124
445935.01000	3759061.48000	0.01655	194.60	194.60	0.00	24-HR	ALL	1ST		11013124
445726.41000	3758883.24000	0.01700	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445659.78000	3758858.38000	0.01806	192.74	192.74	0.00	24-HR	ALL	1ST		11013124
445593.15000	3758833.53000	0.01934	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445526.52000	3758808.68000	0.02105	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445459.88000	3758783.82000	0.02360	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445393.25000	3758758.97000	0.02796	192.00	192.00	0.00	24-HR	ALL	1ST		11013124
445160.95000	3759203.73000	0.10939	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445152.39000	3759275.22000	0.11159	194.63	194.63	0.00	24-HR	ALL	1ST		11013124
445090.05000	3759212.39000	0.06048	194.00	194.00	0.00	24-HR	ALL	1ST		11013124
445116.72000	3759147.64000	0.06646	193.35	193.35	0.00	24-HR	ALL	1ST		11013124
445199.25000	3759104.43000	0.08286	193.00	193.00	0.00	24-HR	ALL	1ST		11013124
445081.49000	3759283.89000	0.06249	194.00	194.00	0.00	24-HR	ALL	1ST		11013124

445019.14000	3759221.05000	0.04240	193.83	193.83	0.00	24-HR	ALL	1ST	11013124
445045.82000	3759156.30000	0.04474	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445072.49000	3759091.55000	0.04770	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445155.02000	3759048.34000	0.08748	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445224.21000	3759037.50000	0.07673	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445010.59000	3759292.55000	0.04332	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444948.24000	3759229.72000	0.03224	193.03	193.03	0.00	24-HR	ALL	1ST	11013124
444974.92000	3759164.96000	0.03370	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445001.59000	3759100.21000	0.03507	192.81	192.81	0.00	24-HR	ALL	1ST	11013124
445028.27000	3759035.46000	0.03668	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445110.79000	3758992.25000	0.05523	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445179.98000	3758981.41000	0.09163	192.84	192.84	0.00	24-HR	ALL	1ST	11013124
445249.17000	3758970.58000	0.09796	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444939.68000	3759301.21000	0.03269	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444878.82000	3759234.78000	0.02574	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444982.56000	3758982.96000	0.02926	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445035.82000	3758940.97000	0.03476	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445266.45000	3758904.86000	0.07401	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444868.78000	3759309.88000	0.02588	193.51	193.51	0.00	24-HR	ALL	1ST	11013124
444807.65000	3759244.10000	0.02111	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444836.75000	3759173.46000	0.02197	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444865.85000	3759102.82000	0.02263	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444894.95000	3759032.18000	0.02318	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444938.60000	3758926.22000	0.02391	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445066.37000	3758873.17000	0.03797	191.41	191.41	0.00	24-HR	ALL	1ST	11013124
445141.85000	3758861.35000	0.06758	191.96	191.96	0.00	24-HR	ALL	1ST	11013124
445217.33000	3758849.53000	0.06832	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
445292.81000	3758837.71000	0.05410	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444797.88000	3759318.54000	0.02115	193.02	193.02	0.00	24-HR	ALL	1ST	11013124
444736.56000	3759253.22000	0.01770	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
444765.29000	3759183.48000	0.01838	192.66	192.66	0.00	24-HR	ALL	1ST	11013124
444794.02000	3759113.75000	0.01890	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444822.75000	3759044.01000	0.01930	192.00	192.00	0.00	24-HR	ALL	1ST	11013124
444851.47000	3758974.28000	0.01958	191.60	191.60	0.00	24-HR	ALL	1ST	11013124
444894.56000	3758869.68000	0.01984	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
444983.44000	3758823.14000	0.02490	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445095.21000	3758805.64000	0.04256	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445169.72000	3758793.97000	0.07464	191.00	191.00	0.00	24-HR	ALL	1ST	11013124
445244.23000	3758782.30000	0.09401	191.33	191.33	0.00	24-HR	ALL	1ST	11013124
445318.74000	3758770.64000	0.04129	191.81	191.81	0.00	24-HR	ALL	1ST	11013124
444726.98000	3759327.20000	0.01770	193.00	193.00	0.00	24-HR	ALL	1ST	11013124
445153.76000	3759411.17000	0.12272	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445082.34000	3759412.11000	0.06686	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445010.91000	3759413.05000	0.04533	194.52	194.52	0.00	24-HR	ALL	1ST	11013124
444939.49000	3759413.99000	0.03368	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444868.07000	3759414.93000	0.02641	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444796.65000	3759415.87000	0.02144	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
444725.22000	3759416.81000	0.01785	193.91	193.91	0.00	24-HR	ALL	1ST	11013124
445163.44000	3759485.88000	0.13494	195.31	195.31	0.00	24-HR	ALL	1ST	11013124
445092.67000	3759495.57000	0.06979	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445021.90000	3759505.25000	0.04683	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444951.14000	3759514.94000	0.03465	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444880.37000	3759524.63000	0.02708	194.95	194.95	0.00	24-HR	ALL	1ST	11013124
444809.60000	3759534.32000	0.02194	194.27	194.27	0.00	24-HR	ALL	1ST	11013124
444738.83000	3759544.01000	0.01823	194.00	194.00	0.00	24-HR	ALL	1ST	11013124
445179.43000	3759583.67000	0.13811	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445129.30000	3759634.56000	0.07991	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445102.68000	3759571.81000	0.07081	195.23	195.23	0.00	24-HR	ALL	1ST	11013124
445078.70000	3759684.30000	0.05364	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445049.65000	3759615.85000	0.04956	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445028.70000	3759735.49000	0.04026	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445000.30000	3759668.57000	0.03803	195.74	195.74	0.00	24-HR	ALL	1ST	11013124
444971.90000	3759601.64000	0.03585	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444978.65000	3759786.56000	0.03180	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444950.62000	3759720.51000	0.03045	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444922.60000	3759654.46000	0.02911	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444928.32000	3759836.96000	0.02588	196.36	196.36	0.00	24-HR	ALL	1ST	11013124
444899.28000	3759768.52000	0.02502	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444870.23000	3759700.07000	0.02412	195.79	195.79	0.00	24-HR	ALL	1ST	11013124
444841.18000	3759631.62000	0.02309	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
444878.27000	3759888.03000	0.02151	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
444849.60000	3759820.46000	0.02100	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444820.92000	3759752.89000	0.02042	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
444792.25000	3759685.32000	0.01974	195.00	195.00	0.00	24-HR	ALL	1ST	11013124

444763.58000	3759617.75000	0.01895	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445245.84000	3759627.28000	0.14991	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445315.15000	3759627.01000	0.12098	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445384.46000	3759626.74000	0.11782	196.35	196.35	0.00	24-HR	ALL	1ST	11013124
445195.71000	3759678.17000	0.09490	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445315.43000	3759698.44000	0.07953	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445384.74000	3759698.17000	0.07237	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445195.99000	3759749.59000	0.08560	196.75	196.75	0.00	24-HR	ALL	1ST	11013124
445315.70000	3759769.86000	0.06326	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445385.01000	3759769.59000	0.05475	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445196.27000	3759821.02000	0.07969	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445095.46000	3759779.94000	0.05439	196.46	196.46	0.00	24-HR	ALL	1ST	11013124
445315.98000	3759841.29000	0.05365	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445385.29000	3759841.02000	0.04493	197.42	197.42	0.00	24-HR	ALL	1ST	11013124
445120.94000	3759861.64000	0.06439	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445246.95000	3759912.99000	0.07313	197.22	197.22	0.00	24-HR	ALL	1ST	11013124
445316.26000	3759912.72000	0.04735	197.95	197.95	0.00	24-HR	ALL	1ST	11013124
445385.57000	3759912.45000	0.03861	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445186.75000	3759959.77000	0.07003	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445065.78000	3759910.47000	0.04222	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445316.54000	3759984.15000	0.04302	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445385.85000	3759983.88000	0.03414	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445188.70000	3760031.88000	0.06777	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445071.10000	3759983.95000	0.04126	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
444953.49000	3759936.03000	0.02584	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445316.82000	3760055.58000	0.03962	198.64	198.64	0.00	24-HR	ALL	1ST	11013124
445386.13000	3760055.31000	0.03065	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445455.87000	3759625.89000	0.11982	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445526.71000	3759625.04000	0.12324	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445456.72000	3759697.31000	0.06966	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445527.56000	3759696.47000	0.06721	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445457.58000	3759768.74000	0.05066	197.02	197.02	0.00	24-HR	ALL	1ST	11013124
445528.42000	3759767.89000	0.04765	197.65	197.65	0.00	24-HR	ALL	1ST	11013124
445458.43000	3759840.16000	0.04038	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445529.27000	3759839.31000	0.03737	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445459.28000	3759911.58000	0.03390	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445530.12000	3759910.74000	0.03094	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445460.13000	3759983.01000	0.02934	198.50	198.50	0.00	24-HR	ALL	1ST	11013124
445530.97000	3759982.16000	0.02645	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445460.98000	3760054.43000	0.02585	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445531.82000	3760053.58000	0.02307	199.43	199.43	0.00	24-HR	ALL	1ST	11013124
445621.39000	3759629.57000	0.10327	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445621.14000	3759701.00000	0.05918	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445620.90000	3759772.42000	0.04252	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445620.65000	3759843.85000	0.03344	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445620.41000	3759915.28000	0.02761	198.99	198.99	0.00	24-HR	ALL	1ST	11013124
445620.16000	3759986.71000	0.02353	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445619.92000	3760058.14000	0.02044	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445730.13000	3759558.82000	0.10914	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445701.29000	3759471.56000	0.07183	196.07	196.07	0.00	24-HR	ALL	1ST	11013124
445643.02000	3759368.26000	0.05995	195.73	195.73	0.00	24-HR	ALL	1ST	11013124
445750.20000	3759654.09000	0.06726	197.28	197.28	0.00	24-HR	ALL	1ST	11013124
445792.63000	3759488.11000	0.06421	196.85	196.85	0.00	24-HR	ALL	1ST	11013124
445734.36000	3759384.82000	0.04732	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445853.96000	3759559.85000	0.07049	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445806.67000	3759693.16000	0.04848	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445713.87000	3759746.11000	0.04220	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445854.85000	3759453.02000	0.04820	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445796.58000	3759349.72000	0.03710	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445738.31000	3759246.43000	0.03239	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445916.11000	3759531.88000	0.08974	197.10	197.10	0.00	24-HR	ALL	1ST	11013124
445915.16000	3759645.84000	0.06148	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445865.19000	3759731.05000	0.03759	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445716.72000	3759815.77000	0.03272	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445917.06000	3759417.92000	0.03785	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445858.79000	3759314.63000	0.03019	195.98	195.98	0.00	24-HR	ALL	1ST	11013124
445800.52000	3759211.33000	0.02665	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445978.42000	3759484.57000	0.05100	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445977.57000	3759586.32000	0.06760	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
445976.72000	3759688.07000	0.04183	198.23	198.23	0.00	24-HR	ALL	1ST	11013124
445932.11000	3759764.16000	0.03036	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445843.74000	3759814.58000	0.02831	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445711.17000	3759890.23000	0.02662	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445979.27000	3759382.83000	0.03040	197.00	197.00	0.00	24-HR	ALL	1ST	11013124

445921.00000	3759279.53000	0.02507	195.94	195.94	0.00	24-HR	ALL	1ST	11013124
446040.59000	3759454.57000	0.03863	197.43	197.43	0.00	24-HR	ALL	1ST	11013124
446039.26000	3759614.82000	0.08358	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
446038.36000	3759721.65000	0.03205	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445991.52000	3759801.55000	0.02470	199.01	199.01	0.00	24-HR	ALL	1ST	11013124
445898.73000	3759854.50000	0.02364	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445805.93000	3759907.44000	0.02295	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
445713.14000	3759960.39000	0.02248	199.00	199.00	0.00	24-HR	ALL	1ST	11013124
446041.48000	3759347.73000	0.02469	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445983.21000	3759244.44000	0.02109	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445924.94000	3759141.14000	0.01909	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
446102.77000	3759423.43000	0.02947	197.45	197.45	0.00	24-HR	ALL	1ST	11013124
446101.85000	3759534.22000	0.08275	198.00	198.00	0.00	24-HR	ALL	1ST	11013124
446100.92000	3759645.01000	0.05119	198.99	198.99	0.00	24-HR	ALL	1ST	11013124
446100.00000	3759755.80000	0.02486	199.45	199.45	0.00	24-HR	ALL	1ST	11013124
446051.42000	3759838.66000	0.02032	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445955.19000	3759893.57000	0.01995	200.21	200.21	0.00	24-HR	ALL	1ST	11013124
445810.84000	3759975.93000	0.01955	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
445714.61000	3760030.84000	0.01939	200.00	200.00	0.00	24-HR	ALL	1ST	11013124
446103.70000	3759312.64000	0.02022	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
446045.43000	3759209.34000	0.01790	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445987.16000	3759106.05000	0.01644	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445668.21000	3759558.30000	0.09734	197.00	197.00	0.00	24-HR	ALL	1ST	11013124
445551.67000	3759351.71000	0.08190	195.00	195.00	0.00	24-HR	ALL	1ST	11013124
445218.51000	3759227.44000	0.11429	194.01	194.01	0.00	24-HR	ALL	1ST	11013124
445223.29000	3759266.56000	0.16418	194.65	194.65	0.00	24-HR	ALL	1ST	11013124
445225.18000	3759410.23000	0.18899	195.07	195.07	0.00	24-HR	ALL	1ST	11013124
445234.21000	3759476.19000	0.16461	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445234.88000	3759545.33000	0.15907	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445245.56000	3759555.85000	0.15443	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445384.18000	3759555.31000	0.13561	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445525.86000	3759553.62000	0.24199	196.00	196.00	0.00	24-HR	ALL	1ST	11013124
445575.06000	3759557.98000	0.18491	197.00	197.00	0.00	24-HR	ALL	1ST	11013124

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

\* AERMOD ( 14134): Eastvale Crossings PM2.5 2017

07/16/15

\* AERMET ( 14134):

11:23:30

\* MODELING OPTIONS USED: RegDEFAULT CONC ELEV

\* PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 247 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
445775.00000	3759546.00000	0.05474	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445738.00000	3759518.00000	0.05147	197.00	197.00	0.00	ANNUAL	ALL	00000005	
445697.00000	3759435.00000	0.03689	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445654.00000	3759362.00000	0.03261	195.52	195.52	0.00	ANNUAL	ALL	00000005	
445627.00000	3759314.00000	0.02962	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445489.00000	3759232.00000	0.03192	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445601.00000	3759139.00000	0.01851	194.95	194.95	0.00	ANNUAL	ALL	00000005	
445402.00000	3759055.00000	0.02342	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445285.00000	3759024.00000	0.03901	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445254.00000	3759017.00000	0.05449	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445159.00000	3759478.00000	0.06896	195.13	195.13	0.00	ANNUAL	ALL	00000005	
445161.00000	3759538.00000	0.07072	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445165.00000	3759637.00000	0.06304	196.00	196.00	0.00	ANNUAL	ALL	00000005	
445576.63000	3759284.79000	0.03091	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445510.00000	3759259.93000	0.03396	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445443.37000	3759235.08000	0.03641	194.86	194.86	0.00	ANNUAL	ALL	00000005	
445376.74000	3759210.22000	0.03913	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445310.11000	3759185.37000	0.04497	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445243.47000	3759160.52000	0.05782	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445638.85000	3759249.69000	0.02323	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445534.96000	3759193.01000	0.02480	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445468.33000	3759168.15000	0.02653	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445401.70000	3759143.30000	0.02882	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445335.07000	3759118.45000	0.03359	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445268.44000	3759093.59000	0.04921	193.56	193.56	0.00	ANNUAL	ALL	00000005	
445663.81000	3759182.77000	0.01833	194.55	194.55	0.00	ANNUAL	ALL	00000005	
445559.93000	3759126.08000	0.01938	195.00	195.00	0.00	ANNUAL	ALL	00000005	
445493.30000	3759101.23000	0.02080	194.91	194.91	0.00	ANNUAL	ALL	00000005	
445426.66000	3759076.37000	0.02287	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445360.03000	3759051.52000	0.02673	193.19	193.19	0.00	ANNUAL	ALL	00000005	
445293.40000	3759026.67000	0.03661	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445701.19000	3759126.45000	0.01500	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445584.89000	3759059.16000	0.01582	194.43	194.43	0.00	ANNUAL	ALL	00000005	
445518.26000	3759034.30000	0.01704	193.90	193.90	0.00	ANNUAL	ALL	00000005	
445451.63000	3759009.45000	0.01885	193.79	193.79	0.00	ANNUAL	ALL	00000005	
445384.99000	3758984.60000	0.02197	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445318.36000	3758959.74000	0.02883	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445723.05000	3759056.87000	0.01255	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445816.17000	3759136.45000	0.01270	194.23	194.23	0.00	ANNUAL	ALL	00000005	
445609.85000	3758992.23000	0.01329	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445543.22000	3758967.38000	0.01433	193.32	193.32	0.00	ANNUAL	ALL	00000005	
445476.59000	3758942.53000	0.01586	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445409.96000	3758917.67000	0.01838	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445343.33000	3758892.82000	0.02334	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445746.15000	3758988.36000	0.01070	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445835.55000	3759064.75000	0.01079	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445634.82000	3758925.31000	0.01137	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445568.18000	3758900.46000	0.01225	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445501.55000	3758875.60000	0.01350	192.82	192.82	0.00	ANNUAL	ALL	00000005	
445434.92000	3758850.75000	0.01548	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445368.29000	3758825.89000	0.01914	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445778.56000	3758927.80000	0.00926	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445830.71000	3758972.36000	0.00928	193.87	193.87	0.00	ANNUAL	ALL	00000005	
445935.01000	3759061.48000	0.00936	194.60	194.60	0.00	ANNUAL	ALL	00000005	
445726.41000	3758883.24000	0.00927	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445659.78000	3758858.38000	0.00984	192.74	192.74	0.00	ANNUAL	ALL	00000005	
445593.15000	3758833.53000	0.01055	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445526.52000	3758808.68000	0.01155	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445459.88000	3758783.82000	0.01307	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445393.25000	3758758.97000	0.01568	192.00	192.00	0.00	ANNUAL	ALL	00000005	
445160.95000	3759203.73000	0.05984	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445152.39000	3759275.22000	0.06054	194.63	194.63	0.00	ANNUAL	ALL	00000005	
445090.05000	3759212.39000	0.03189	194.00	194.00	0.00	ANNUAL	ALL	00000005	
445116.72000	3759147.64000	0.03544	193.35	193.35	0.00	ANNUAL	ALL	00000005	
445199.25000	3759104.43000	0.04553	193.00	193.00	0.00	ANNUAL	ALL	00000005	
445081.49000	3759283.89000	0.03294	194.00	194.00	0.00	ANNUAL	ALL	00000005	



445019.14000	3759221.05000	0.02206	193.83	193.83	0.00	ANNUAL	ALL	00000005
445045.82000	3759156.30000	0.02336	193.00	193.00	0.00	ANNUAL	ALL	00000005
445072.49000	3759091.55000	0.02512	193.00	193.00	0.00	ANNUAL	ALL	00000005
445155.02000	3759048.34000	0.04789	193.00	193.00	0.00	ANNUAL	ALL	00000005
445224.21000	3759037.50000	0.04265	193.00	193.00	0.00	ANNUAL	ALL	00000005
445010.59000	3759292.55000	0.02256	194.00	194.00	0.00	ANNUAL	ALL	00000005
444948.24000	3759229.72000	0.01666	193.03	193.03	0.00	ANNUAL	ALL	00000005
444974.92000	3759164.96000	0.01743	193.00	193.00	0.00	ANNUAL	ALL	00000005
445001.59000	3759100.21000	0.01821	192.81	192.81	0.00	ANNUAL	ALL	00000005
445028.27000	3759035.46000	0.01917	192.00	192.00	0.00	ANNUAL	ALL	00000005
445110.79000	3758992.25000	0.02955	192.00	192.00	0.00	ANNUAL	ALL	00000005
445179.98000	3758981.41000	0.05080	192.84	192.84	0.00	ANNUAL	ALL	00000005
445249.17000	3758970.58000	0.05682	193.00	193.00	0.00	ANNUAL	ALL	00000005
444939.68000	3759301.21000	0.01690	194.00	194.00	0.00	ANNUAL	ALL	00000005
444878.82000	3759234.78000	0.01324	193.00	193.00	0.00	ANNUAL	ALL	00000005
444982.56000	3758982.96000	0.01521	192.00	192.00	0.00	ANNUAL	ALL	00000005
445035.82000	3758940.97000	0.01828	192.00	192.00	0.00	ANNUAL	ALL	00000005
445266.45000	3758904.86000	0.04263	192.00	192.00	0.00	ANNUAL	ALL	00000005
444868.78000	3759309.88000	0.01332	193.51	193.51	0.00	ANNUAL	ALL	00000005
444807.65000	3759244.10000	0.01083	193.00	193.00	0.00	ANNUAL	ALL	00000005
444836.75000	3759173.46000	0.01127	193.00	193.00	0.00	ANNUAL	ALL	00000005
444865.85000	3759102.82000	0.01162	192.00	192.00	0.00	ANNUAL	ALL	00000005
444894.95000	3759032.18000	0.01193	192.00	192.00	0.00	ANNUAL	ALL	00000005
444938.60000	3758926.22000	0.01239	191.00	191.00	0.00	ANNUAL	ALL	00000005
445066.37000	3758873.17000	0.02014	191.41	191.41	0.00	ANNUAL	ALL	00000005
445141.85000	3758861.35000	0.03687	191.96	191.96	0.00	ANNUAL	ALL	00000005
445217.33000	3758849.53000	0.03793	192.00	192.00	0.00	ANNUAL	ALL	00000005
445292.81000	3758837.71000	0.03092	192.00	192.00	0.00	ANNUAL	ALL	00000005
444797.88000	3759318.54000	0.01085	193.02	193.02	0.00	ANNUAL	ALL	00000005
444736.56000	3759253.22000	0.00907	193.00	193.00	0.00	ANNUAL	ALL	00000005
444765.29000	3759183.48000	0.00941	192.66	192.66	0.00	ANNUAL	ALL	00000005
444794.02000	3759113.75000	0.00968	192.00	192.00	0.00	ANNUAL	ALL	00000005
444822.75000	3759044.01000	0.00989	192.00	192.00	0.00	ANNUAL	ALL	00000005
444851.47000	3758974.28000	0.01006	191.60	191.60	0.00	ANNUAL	ALL	00000005
444894.56000	3758869.68000	0.01026	191.00	191.00	0.00	ANNUAL	ALL	00000005
444983.44000	3758823.14000	0.01305	191.00	191.00	0.00	ANNUAL	ALL	00000005
445095.21000	3758805.64000	0.02280	191.00	191.00	0.00	ANNUAL	ALL	00000005
445169.72000	3758793.97000	0.04131	191.00	191.00	0.00	ANNUAL	ALL	00000005
445244.23000	3758782.30000	0.05510	191.33	191.33	0.00	ANNUAL	ALL	00000005
445318.74000	3758770.64000	0.02354	191.81	191.81	0.00	ANNUAL	ALL	00000005
444726.98000	3759327.20000	0.00906	193.00	193.00	0.00	ANNUAL	ALL	00000005
445153.76000	3759411.17000	0.06649	195.00	195.00	0.00	ANNUAL	ALL	00000005
445082.34000	3759412.11000	0.03521	195.00	195.00	0.00	ANNUAL	ALL	00000005
445010.91000	3759413.05000	0.02357	194.52	194.52	0.00	ANNUAL	ALL	00000005
444939.49000	3759413.99000	0.01739	194.00	194.00	0.00	ANNUAL	ALL	00000005
444868.07000	3759414.93000	0.01358	194.00	194.00	0.00	ANNUAL	ALL	00000005
444796.65000	3759415.87000	0.01099	194.00	194.00	0.00	ANNUAL	ALL	00000005
444725.22000	3759416.81000	0.00913	193.91	193.91	0.00	ANNUAL	ALL	00000005
445163.44000	3759485.88000	0.07338	195.31	195.31	0.00	ANNUAL	ALL	00000005
445092.67000	3759495.57000	0.03669	195.00	195.00	0.00	ANNUAL	ALL	00000005
445021.90000	3759505.25000	0.02431	195.00	195.00	0.00	ANNUAL	ALL	00000005
444951.14000	3759514.94000	0.01786	195.00	195.00	0.00	ANNUAL	ALL	00000005
444880.37000	3759524.63000	0.01389	194.95	194.95	0.00	ANNUAL	ALL	00000005
444809.60000	3759534.32000	0.01121	194.27	194.27	0.00	ANNUAL	ALL	00000005
444738.83000	3759544.01000	0.00930	194.00	194.00	0.00	ANNUAL	ALL	00000005
445179.43000	3759583.67000	0.07553	196.00	196.00	0.00	ANNUAL	ALL	00000005
445129.30000	3759634.56000	0.04236	196.00	196.00	0.00	ANNUAL	ALL	00000005
445102.68000	3759571.81000	0.03724	195.23	195.23	0.00	ANNUAL	ALL	00000005
445078.70000	3759684.30000	0.02797	196.00	196.00	0.00	ANNUAL	ALL	00000005
445049.65000	3759615.85000	0.02573	195.00	195.00	0.00	ANNUAL	ALL	00000005
445028.70000	3759735.49000	0.02079	196.00	196.00	0.00	ANNUAL	ALL	00000005
445000.30000	3759668.57000	0.01959	195.74	195.74	0.00	ANNUAL	ALL	00000005
444971.90000	3759601.64000	0.01845	195.00	195.00	0.00	ANNUAL	ALL	00000005
444978.65000	3759786.56000	0.01631	196.00	196.00	0.00	ANNUAL	ALL	00000005
444950.62000	3759720.51000	0.01559	196.00	196.00	0.00	ANNUAL	ALL	00000005
444922.60000	3759654.46000	0.01491	195.00	195.00	0.00	ANNUAL	ALL	00000005
444928.32000	3759836.96000	0.01320	196.36	196.36	0.00	ANNUAL	ALL	00000005
444899.28000	3759768.52000	0.01275	196.00	196.00	0.00	ANNUAL	ALL	00000005
444870.23000	3759700.07000	0.01229	195.79	195.79	0.00	ANNUAL	ALL	00000005
444841.18000	3759631.62000	0.01178	195.00	195.00	0.00	ANNUAL	ALL	00000005
444878.27000	3759888.03000	0.01091	197.00	197.00	0.00	ANNUAL	ALL	00000005
444849.60000	3759820.46000	0.01066	196.00	196.00	0.00	ANNUAL	ALL	00000005
444820.92000	3759752.89000	0.01037	196.00	196.00	0.00	ANNUAL	ALL	00000005
444792.25000	3759685.32000	0.01004	195.00	195.00	0.00	ANNUAL	ALL	00000005

444763.58000	3759617.75000	0.00965	195.00	195.00	0.00	ANNUAL	ALL	00000005
445245.84000	3759627.28000	0.08408	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.15000	3759627.01000	0.06621	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.46000	3759626.74000	0.06415	196.35	196.35	0.00	ANNUAL	ALL	00000005
445195.71000	3759678.17000	0.05134	196.00	196.00	0.00	ANNUAL	ALL	00000005
445315.43000	3759698.44000	0.04297	197.00	197.00	0.00	ANNUAL	ALL	00000005
445384.74000	3759698.17000	0.03857	197.00	197.00	0.00	ANNUAL	ALL	00000005
445195.99000	3759749.59000	0.04664	196.75	196.75	0.00	ANNUAL	ALL	00000005
445315.70000	3759769.86000	0.03421	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.01000	3759769.59000	0.02911	197.00	197.00	0.00	ANNUAL	ALL	00000005
445196.27000	3759821.02000	0.04386	197.00	197.00	0.00	ANNUAL	ALL	00000005
445095.46000	3759779.94000	0.02852	196.46	196.46	0.00	ANNUAL	ALL	00000005
445315.98000	3759841.29000	0.02908	197.00	197.00	0.00	ANNUAL	ALL	00000005
445385.29000	3759841.02000	0.02391	197.42	197.42	0.00	ANNUAL	ALL	00000005
445120.94000	3759861.64000	0.03433	197.00	197.00	0.00	ANNUAL	ALL	00000005
445246.95000	3759912.99000	0.04115	197.22	197.22	0.00	ANNUAL	ALL	00000005
445316.26000	3759912.72000	0.02573	197.95	197.95	0.00	ANNUAL	ALL	00000005
445385.57000	3759912.45000	0.02061	198.00	198.00	0.00	ANNUAL	ALL	00000005
445186.75000	3759959.77000	0.03845	198.00	198.00	0.00	ANNUAL	ALL	00000005
445065.78000	3759910.47000	0.02199	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.54000	3759984.15000	0.02351	198.00	198.00	0.00	ANNUAL	ALL	00000005
445385.85000	3759983.88000	0.01831	198.00	198.00	0.00	ANNUAL	ALL	00000005
445188.70000	3760031.88000	0.03738	198.00	198.00	0.00	ANNUAL	ALL	00000005
445071.10000	3759983.95000	0.02151	198.00	198.00	0.00	ANNUAL	ALL	00000005
444953.49000	3759936.03000	0.01318	197.00	197.00	0.00	ANNUAL	ALL	00000005
445316.82000	3760055.58000	0.02174	198.64	198.64	0.00	ANNUAL	ALL	00000005
445386.13000	3760055.31000	0.01648	199.00	199.00	0.00	ANNUAL	ALL	00000005
445455.87000	3759625.89000	0.06517	197.00	197.00	0.00	ANNUAL	ALL	00000005
445526.71000	3759625.04000	0.06737	197.00	197.00	0.00	ANNUAL	ALL	00000005
445456.72000	3759697.31000	0.03694	197.00	197.00	0.00	ANNUAL	ALL	00000005
445527.56000	3759696.47000	0.03561	197.00	197.00	0.00	ANNUAL	ALL	00000005
445457.58000	3759768.74000	0.02670	197.02	197.02	0.00	ANNUAL	ALL	00000005
445528.42000	3759767.89000	0.02500	197.65	197.65	0.00	ANNUAL	ALL	00000005
445458.43000	3759840.16000	0.02125	198.00	198.00	0.00	ANNUAL	ALL	00000005
445529.27000	3759839.31000	0.01956	198.00	198.00	0.00	ANNUAL	ALL	00000005
445459.28000	3759911.58000	0.01788	198.00	198.00	0.00	ANNUAL	ALL	00000005
445530.12000	3759910.74000	0.01621	198.00	198.00	0.00	ANNUAL	ALL	00000005
445460.13000	3759983.01000	0.01551	198.50	198.50	0.00	ANNUAL	ALL	00000005
445530.97000	3759982.16000	0.01385	199.00	199.00	0.00	ANNUAL	ALL	00000005
445460.98000	3760054.43000	0.01369	199.00	199.00	0.00	ANNUAL	ALL	00000005
445531.82000	3760053.58000	0.01207	199.43	199.43	0.00	ANNUAL	ALL	00000005
445621.39000	3759629.57000	0.05654	197.00	197.00	0.00	ANNUAL	ALL	00000005
445621.14000	3759701.00000	0.03135	197.00	197.00	0.00	ANNUAL	ALL	00000005
445620.90000	3759772.42000	0.02224	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.65000	3759843.85000	0.01743	198.00	198.00	0.00	ANNUAL	ALL	00000005
445620.41000	3759915.28000	0.01434	198.99	198.99	0.00	ANNUAL	ALL	00000005
445620.16000	3759986.71000	0.01222	199.00	199.00	0.00	ANNUAL	ALL	00000005
445619.92000	3760058.14000	0.01058	200.00	200.00	0.00	ANNUAL	ALL	00000005
445730.13000	3759558.82000	0.06390	197.00	197.00	0.00	ANNUAL	ALL	00000005
445701.29000	3759471.56000	0.04195	196.07	196.07	0.00	ANNUAL	ALL	00000005
445643.02000	3759368.26000	0.03479	195.73	195.73	0.00	ANNUAL	ALL	00000005
445750.20000	3759654.09000	0.03643	197.28	197.28	0.00	ANNUAL	ALL	00000005
445792.63000	3759488.11000	0.03697	196.85	196.85	0.00	ANNUAL	ALL	00000005
445734.36000	3759384.82000	0.02760	196.00	196.00	0.00	ANNUAL	ALL	00000005
445853.96000	3759559.85000	0.04106	197.00	197.00	0.00	ANNUAL	ALL	00000005
445806.67000	3759693.16000	0.02586	198.00	198.00	0.00	ANNUAL	ALL	00000005
445713.87000	3759746.11000	0.02216	198.00	198.00	0.00	ANNUAL	ALL	00000005
445854.85000	3759453.02000	0.02760	197.00	197.00	0.00	ANNUAL	ALL	00000005
445796.58000	3759349.72000	0.02150	196.00	196.00	0.00	ANNUAL	ALL	00000005
445738.31000	3759246.43000	0.01852	195.00	195.00	0.00	ANNUAL	ALL	00000005
445916.11000	3759531.88000	0.05275	197.10	197.10	0.00	ANNUAL	ALL	00000005
445915.16000	3759645.84000	0.03358	198.00	198.00	0.00	ANNUAL	ALL	00000005
445865.19000	3759731.05000	0.01990	198.00	198.00	0.00	ANNUAL	ALL	00000005
445716.72000	3759815.77000	0.01705	198.00	198.00	0.00	ANNUAL	ALL	00000005
445917.06000	3759417.92000	0.02163	197.00	197.00	0.00	ANNUAL	ALL	00000005
445858.79000	3759314.63000	0.01743	195.98	195.98	0.00	ANNUAL	ALL	00000005
445800.52000	3759211.33000	0.01522	195.00	195.00	0.00	ANNUAL	ALL	00000005
445978.42000	3759484.57000	0.02935	197.00	197.00	0.00	ANNUAL	ALL	00000005
445977.57000	3759586.32000	0.03864	198.00	198.00	0.00	ANNUAL	ALL	00000005
445976.72000	3759688.07000	0.02245	198.23	198.23	0.00	ANNUAL	ALL	00000005
445932.11000	3759764.16000	0.01598	199.00	199.00	0.00	ANNUAL	ALL	00000005
445843.74000	3759814.58000	0.01476	199.00	199.00	0.00	ANNUAL	ALL	00000005
445711.17000	3759890.23000	0.01379	199.00	199.00	0.00	ANNUAL	ALL	00000005
445979.27000	3759382.83000	0.01738	197.00	197.00	0.00	ANNUAL	ALL	00000005

445921.00000	3759279.53000	0.01446	195.94	195.94	0.00	ANNUAL	ALL	00000005
446040.59000	3759454.57000	0.02216	197.43	197.43	0.00	ANNUAL	ALL	00000005
446039.26000	3759614.82000	0.04714	198.00	198.00	0.00	ANNUAL	ALL	00000005
446038.36000	3759721.65000	0.01705	199.00	199.00	0.00	ANNUAL	ALL	00000005
445991.52000	3759801.55000	0.01296	199.01	199.01	0.00	ANNUAL	ALL	00000005
445898.73000	3759854.50000	0.01230	199.00	199.00	0.00	ANNUAL	ALL	00000005
445805.93000	3759907.44000	0.01188	199.00	199.00	0.00	ANNUAL	ALL	00000005
445713.14000	3759960.39000	0.01163	199.00	199.00	0.00	ANNUAL	ALL	00000005
446041.48000	3759347.73000	0.01415	197.00	197.00	0.00	ANNUAL	ALL	00000005
445983.21000	3759244.44000	0.01215	196.00	196.00	0.00	ANNUAL	ALL	00000005
445924.94000	3759141.14000	0.01089	195.00	195.00	0.00	ANNUAL	ALL	00000005
446102.77000	3759423.43000	0.01691	197.45	197.45	0.00	ANNUAL	ALL	00000005
446101.85000	3759534.22000	0.04944	198.00	198.00	0.00	ANNUAL	ALL	00000005
446100.92000	3759645.01000	0.02812	198.99	198.99	0.00	ANNUAL	ALL	00000005
446100.00000	3759755.80000	0.01316	199.45	199.45	0.00	ANNUAL	ALL	00000005
446051.42000	3759838.66000	0.01062	200.00	200.00	0.00	ANNUAL	ALL	00000005
445955.19000	3759893.57000	0.01034	200.21	200.21	0.00	ANNUAL	ALL	00000005
445810.84000	3759975.93000	0.01006	200.00	200.00	0.00	ANNUAL	ALL	00000005
445714.61000	3760030.84000	0.00998	200.00	200.00	0.00	ANNUAL	ALL	00000005
446103.70000	3759312.64000	0.01161	197.00	197.00	0.00	ANNUAL	ALL	00000005
446045.43000	3759209.34000	0.01031	196.00	196.00	0.00	ANNUAL	ALL	00000005
445987.16000	3759106.05000	0.00938	195.00	195.00	0.00	ANNUAL	ALL	00000005
445668.21000	3759558.30000	0.05653	197.00	197.00	0.00	ANNUAL	ALL	00000005
445551.67000	3759351.71000	0.04749	195.00	195.00	0.00	ANNUAL	ALL	00000005
445218.51000	3759227.44000	0.06419	194.01	194.01	0.00	ANNUAL	ALL	00000005
445223.29000	3759266.56000	0.09355	194.65	194.65	0.00	ANNUAL	ALL	00000005
445225.18000	3759410.23000	0.10626	195.07	195.07	0.00	ANNUAL	ALL	00000005
445234.21000	3759476.19000	0.09136	196.00	196.00	0.00	ANNUAL	ALL	00000005
445234.88000	3759545.33000	0.08885	196.00	196.00	0.00	ANNUAL	ALL	00000005
445245.56000	3759555.85000	0.08713	196.00	196.00	0.00	ANNUAL	ALL	00000005
445384.18000	3759555.31000	0.07580	196.00	196.00	0.00	ANNUAL	ALL	00000005
445525.86000	3759553.62000	0.14040	196.00	196.00	0.00	ANNUAL	ALL	00000005
445575.06000	3759557.98000	0.10753	197.00	197.00	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m^3

\*\* DEPUNIT g/m^2

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