

**Appendix C**  
**Air Quality and Greenhouse Gas Study Modeling Data; and**  
**Climate Action Plan Checklist**



Fairview at Northgate - Solano-San Francisco County, Annual

**Fairview at Northgate**  
**Solano-San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,924.00	Space	17.52	769,600.00	0
City Park	5.70	Acre	5.70	248,292.00	0
Single Family Housing	178.00	Dwelling Unit	23.80	320,400.00	513
Discount Club	152.14	1000sqft	3.49	152,138.00	205
Gasoline/Service Station	30.00	Pump	0.10	4,235.00	0
Strip Mall	30.00	1000sqft	0.69	30,000.00	32

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	56
<b>Climate Zone</b>	4			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	171	<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 - Per PG&E 2019 Sustainability Report.

Land Use - Acreages and population adjusted to match site

Construction Phase - Anticipated schedule. Trenching includes 9 months for PG&E work and 2 months for project utilities.

Off-road Equipment - anticipated equipment

Off-road Equipment - anticipated equipment

Off-road Equipment - No demolition expected

Off-road Equipment - Anticipated equipment

Off-road Equipment - anticipated equipment

Off-road Equipment -

Off-road Equipment - Anticipated Equipment used

Off-road Equipment - Anticipated equipment

Trips and VMT -

Demolition -

Grading - Site is 51.3 acres. Conservatively anticipated incidental export

Site is balanced

Vehicle Trips - Per Trip Generation table. City park is open space (not active park). Gas station trips incorporated into Discount Club trips. Discount Club C-

NW trip length weighted for delivery trucks from the Tracy Depot and fuel trucks from Martinez fuel facility.

Woodstoves - No wood burning

Energy Use - Update per 2019 T24.

Water And Wastewater - City park is proxy for Wetland area and Open Space, would not be irrigated

Solid Waste - City park is proxy for Wetland area and Open Space, would not generate waste

Operational Off-Road Equipment - Anticipated Costco Equipment

Construction Off-road Equipment Mitigation - Per BAAQMD Basic Control Measures

Mobile Land Use Mitigation - Per TIA MM TRA-8

Energy Mitigation - Compliance with 2019 T24

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	75.00	144.00
tblConstructionPhase	NumDays	1,110.00	520.00
tblConstructionPhase	NumDays	70.00	0.00
tblConstructionPhase	NumDays	110.00	33.00
tblConstructionPhase	NumDays	75.00	23.00

tblConstructionPhase	NumDays	40.00	11.00
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	NT24E	3.70	2.59
tblEnergyUse	NT24E	6,155.97	2,893.31
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	325.76	153.11
tblEnergyUse	T24E	2.76	1.93
tblFireplaces	NumberGas	44.50	163.76
tblFireplaces	NumberWood	76.54	0.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	152,140.00	152,138.00
tblLandUse	LandUseSquareFeet	4,235.25	4,235.00
tblLandUse	LotAcreage	17.32	17.52
tblLandUse	LotAcreage	57.79	23.80
tblLandUse	Population	509.00	513.00
tblLandUse	Population	0.00	205.00
tblLandUse	Population	0.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	6.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	171
tblSolidWaste	SolidWasteGenerationRate	0.49	0.00
tblVehicleTrips	CNW_TL	7.30	10.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	53.75	56.33
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	9.91	9.50
tblVehicleTrips	ST_TR	42.04	42.67
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	33.67	51.97
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	8.62	9.50
tblVehicleTrips	SU_TR	20.43	42.67
tblVehicleTrips	WD_TR	1.89	0.00

tblVehicleTrips	WD_TR	41.80	53.23
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	9.52	9.50
tblVehicleTrips	WD_TR	44.32	42.67
tblWater	OutdoorWaterUseRate	6,791,443.69	0.00
tblWoodstoves	NumberCatalytic	7.12	0.00
tblWoodstoves	NumberNoncatalytic	7.12	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2470	2.7342	1.7499	3.5800e-003	0.4305	0.1222	0.5527	0.1811	0.1124	0.2935	0.0000	316.8180	316.8180	0.0927	0.0000	319.1349
2021	0.3291	2.8712	2.6307	5.9300e-003	0.1413	0.1361	0.2774	0.0382	0.1259	0.1641	0.0000	531.9838	531.9838	0.1031	0.0000	534.5606
2022	0.6226	5.6543	5.3404	0.0183	0.7539	0.1546	0.9086	0.2048	0.1462	0.3510	0.0000	1,668.5002	1,668.5002	0.1426	0.0000	1,672.0660
2023	3.9220	4.3073	4.8182	0.0162	0.6950	0.1254	0.8204	0.1884	0.1194	0.3078	0.0000	1,475.0264	1,475.0264	0.1139	0.0000	1,477.8729
<b>Maximum</b>	<b>3.9220</b>	<b>5.6543</b>	<b>5.3404</b>	<b>0.0183</b>	<b>0.7539</b>	<b>0.1546</b>	<b>0.9086</b>	<b>0.2048</b>	<b>0.1462</b>	<b>0.3510</b>	<b>0.0000</b>	<b>1,668.5002</b>	<b>1,668.5002</b>	<b>0.1426</b>	<b>0.0000</b>	<b>1,672.0660</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2470	2.7342	1.7499	3.5800e-003	0.1936	0.1222	0.3158	0.0800	0.1124	0.1924	0.0000	316.8177	316.8177	0.0927	0.0000	319.1346
2021	0.3291	2.8712	2.6307	5.9300e-003	0.1342	0.1361	0.2703	0.0365	0.1259	0.1624	0.0000	531.9835	531.9835	0.1031	0.0000	534.5603
2022	0.6226	5.6543	5.3404	0.0183	0.7166	0.1546	0.8713	0.1956	0.1462	0.3418	0.0000	1,668.4997	1,668.4997	0.1426	0.0000	1,672.0655
2023	3.9220	4.3073	4.8182	0.0162	0.6605	0.1254	0.7859	0.1800	0.1194	0.2993	0.0000	1,475.0259	1,475.0259	0.1139	0.0000	1,477.8724
<b>Maximum</b>	<b>3.9220</b>	<b>5.6543</b>	<b>5.3404</b>	<b>0.0183</b>	<b>0.7166</b>	<b>0.1546</b>	<b>0.8713</b>	<b>0.1956</b>	<b>0.1462</b>	<b>0.3418</b>	<b>0.0000</b>	<b>1,668.4997</b>	<b>1,668.4997</b>	<b>0.1426</b>	<b>0.0000</b>	<b>1,672.0655</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>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.63</b>	<b>0.00</b>	<b>12.34</b>	<b>19.67</b>	<b>0.00</b>	<b>10.79</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2020	11-30-2020	2.6904	2.6904
2	12-1-2020	2-28-2021	0.6209	0.6209
3	3-1-2021	5-31-2021	0.6122	0.6122
4	6-1-2021	8-31-2021	0.6121	0.6121
5	9-1-2021	11-30-2021	0.9937	0.9937
6	12-1-2021	2-28-2022	1.6086	1.6086
7	3-1-2022	5-31-2022	1.5839	1.5839
8	6-1-2022	8-31-2022	1.5782	1.5782
9	9-1-2022	11-30-2022	1.5724	1.5724
10	12-1-2022	2-28-2023	1.4091	1.4091
11	3-1-2023	5-31-2023	1.9267	1.9267
12	6-1-2023	8-31-2023	3.0565	3.0565



13	9-1-2023	9-30-2023	0.9967	0.9967
		Highest	3.0565	3.0565

**2.2 Overall Operational**  
**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.4138	0.0331	1.3492	1.8000e-004		8.8100e-003	8.8100e-003		8.8100e-003	8.8100e-003	0.0000	22.6409	22.6409	2.5700e-003	3.7000e-004	22.8168
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	480.0777	480.0777	0.0355	0.0117	484.4624
Mobile	2.5370	13.0376	23.8954	0.0932	7.1950	0.0672	7.2621	1.9278	0.0626	1.9904	0.0000	8,584.9383	8,584.9383	0.3621	0.0000	8,593.9898
Offroad	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
Waste						0.0000	0.0000		0.0000	0.0000	186.2320	0.0000	186.2320	11.0060	0.0000	461.3820
Water						0.0000	0.0000		0.0000	0.0000	8.0860	14.9931	23.0791	0.8331	0.0201	49.9059
<b>Total</b>	<b>5.0939</b>	<b>14.3866</b>	<b>26.6220</b>	<b>0.0967</b>	<b>7.1950</b>	<b>0.1622</b>	<b>7.3572</b>	<b>1.9278</b>	<b>0.1525</b>	<b>2.0802</b>	<b>194.3180</b>	<b>9,249.6989</b>	<b>9,444.0170</b>	<b>12.2868</b>	<b>0.0322</b>	<b>9,760.7948</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	tons/yr										MT/yr					
Area	2.3920	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	477.7567	477.7567	0.0351	0.0117	482.1073
Mobile	2.0720	10.2236	14.0255	0.0439	2.7074	0.0321	2.7395	0.7254	0.0299	0.7553	0.0000	4,060.5587	4,060.5587	0.2399	0.0000	4,066.5559
Offroad	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
Waste						0.0000	0.0000		0.0000	0.0000	46.5580	0.0000	46.5580	2.7515	0.0000	115.3455
Water						0.0000	0.0000		0.0000	0.0000	6.4688	12.5916	19.0604	0.6665	0.0161	40.5307
<b>Total</b>	<b>4.6070</b>	<b>11.5517</b>	<b>16.4190</b>	<b>0.0473</b>	<b>2.7074</b>	<b>0.1238</b>	<b>2.8313</b>	<b>0.7254</b>	<b>0.1164</b>	<b>0.8418</b>	<b>53.0268</b>	<b>4,699.4873</b>	<b>4,752.5141</b>	<b>3.7418</b>	<b>0.0278</b>	<b>4,854.3368</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>9.56</b>	<b>19.71</b>	<b>38.33</b>	<b>51.06</b>	<b>62.37</b>	<b>23.66</b>	<b>61.52</b>	<b>62.37</b>	<b>23.67</b>	<b>59.53</b>	<b>72.71</b>	<b>49.19</b>	<b>49.68</b>	<b>69.55</b>	<b>13.83</b>	<b>50.27</b>

**2.3 Vegetation**

**Vegetation**

	CO2e
Category	MT
Vegetation Land Change	-172.8310
<b>Total</b>	<b>-172.8310</b>

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	
2	Site Preparation	Site Preparation	9/1/2020	9/15/2020	5	11	
3	Grading	Grading	9/16/2020	10/30/2020	5	33	
4	Trenching/Utility Work	Trenching	10/31/2020	10/1/2021	5	240	
5	Paving	Paving	10/2/2021	11/3/2021	5	23	
6	Building Construction	Building Construction	11/4/2021	11/1/2023	5	520	
7	Architectural Coating	Architectural Coating	5/1/2023	11/16/2023	5	144	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 214.5**

**Acres of Paving: 17.52**

**Residential Indoor: 648,810; Residential Outdoor: 216,270; Non-Residential Indoor: 279,560; Non-Residential Outdoor: 93,187; Striped**

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41

Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	5	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Trenching/Utility Work	Excavators	1	8.00	158	0.38
Trenching/Utility Work	Rubber Tired Loaders	1	8.00	203	0.36
Trenching/Utility Work	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Trenching/Utility Work	Trenchers	2	8.00	78	0.50
Paving	Pavers	3	8.00	130	0.42
Paving	Paving Equipment	3	8.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	5	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	3	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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	18	45.00	0.00	625.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching/Utility Work	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	551.00	216.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	110.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT





**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0270	0.2796	0.1685	2.8000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	24.3896	24.3896	7.8900e-003	0.0000	24.5868
<b>Total</b>	<b>0.0270</b>	<b>0.2796</b>	<b>0.1685</b>	<b>2.8000e-004</b>	<b>0.0994</b>	<b>0.0150</b>	<b>0.1144</b>	<b>0.0546</b>	<b>0.0138</b>	<b>0.0684</b>	<b>0.0000</b>	<b>24.3896</b>	<b>24.3896</b>	<b>7.8900e-003</b>	<b>0.0000</b>	<b>24.5868</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.1200e-003	7.9000e-004	7.7500e-003	2.0000e-005	4.5600e-003	2.0000e-005	4.5800e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	2.2248	2.2248	6.0000e-005	0.0000	2.2262
<b>Total</b>	<b>1.1200e-003</b>	<b>7.9000e-004</b>	<b>7.7500e-003</b>	<b>2.0000e-005</b>	<b>4.5600e-003</b>	<b>2.0000e-005</b>	<b>4.5800e-003</b>	<b>1.1700e-003</b>	<b>2.0000e-005</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>2.2248</b>	<b>2.2248</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.2262</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	tons/yr										MT/yr					
Fugitive Dust					0.0425	0.0000	0.0425	0.0234	0.0000	0.0234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0270	0.2796	0.1685	2.8000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	24.3896	24.3896	7.8900e-003	0.0000	24.5868
<b>Total</b>	<b>0.0270</b>	<b>0.2796</b>	<b>0.1685</b>	<b>2.8000e-004</b>	<b>0.0425</b>	<b>0.0150</b>	<b>0.0575</b>	<b>0.0234</b>	<b>0.0138</b>	<b>0.0372</b>	<b>0.0000</b>	<b>24.3896</b>	<b>24.3896</b>	<b>7.8900e-003</b>	<b>0.0000</b>	<b>24.5868</b>



**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.1200e-003	7.9000e-004	7.7500e-003	2.0000e-005	4.3100e-003	2.0000e-005	4.3200e-003	1.1100e-003	2.0000e-005	1.1200e-003	0.0000	2.2248	2.2248	6.0000e-005	0.0000	2.2262
<b>Total</b>	<b>1.1200e-003</b>	<b>7.9000e-004</b>	<b>7.7500e-003</b>	<b>2.0000e-005</b>	<b>4.3100e-003</b>	<b>2.0000e-005</b>	<b>4.3200e-003</b>	<b>1.1100e-003</b>	<b>2.0000e-005</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>2.2248</b>	<b>2.2248</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.2262</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3128	0.0000	0.3128	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1711	1.9548	1.2076	2.4100e-003		0.0826	0.0826		0.0760	0.0760	0.0000	211.3778	211.3778	0.0684	0.0000	213.0869
<b>Total</b>	<b>0.1711</b>	<b>1.9548</b>	<b>1.2076</b>	<b>2.4100e-003</b>	<b>0.3128</b>	<b>0.0826</b>	<b>0.3954</b>	<b>0.1216</b>	<b>0.0760</b>	<b>0.1976</b>	<b>0.0000</b>	<b>211.3778</b>	<b>211.3778</b>	<b>0.0684</b>	<b>0.0000</b>	<b>213.0869</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5800e-003	0.0865	0.0149	2.5000e-004	5.3200e-003	3.0000e-004	5.6200e-003	1.4600e-003	2.9000e-004	1.7500e-003	0.0000	23.9688	23.9688	9.4000e-004	0.0000	23.9923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-003	1.9000e-003	0.0187	6.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	5.3634	5.3634	1.3000e-004	0.0000	5.3668
<b>Total</b>	<b>5.2800e-003</b>	<b>0.0884</b>	<b>0.0336</b>	<b>3.1000e-004</b>	<b>0.0112</b>	<b>3.4000e-004</b>	<b>0.0116</b>	<b>3.0300e-003</b>	<b>3.3000e-004</b>	<b>3.3600e-003</b>	<b>0.0000</b>	<b>29.3322</b>	<b>29.3322</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>29.3590</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	tons/yr										MT/yr					
Fugitive Dust					0.1337	0.0000	0.1337	0.0520	0.0000	0.0520	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1711	1.9548	1.2076	2.4100e-003		0.0826	0.0826		0.0760	0.0760	0.0000	211.3776	211.3776	0.0684	0.0000	213.0867
<b>Total</b>	<b>0.1711</b>	<b>1.9548</b>	<b>1.2076</b>	<b>2.4100e-003</b>	<b>0.1337</b>	<b>0.0826</b>	<b>0.2163</b>	<b>0.0520</b>	<b>0.0760</b>	<b>0.1280</b>	<b>0.0000</b>	<b>211.3776</b>	<b>211.3776</b>	<b>0.0684</b>	<b>0.0000</b>	<b>213.0867</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5800e-003	0.0865	0.0149	2.5000e-004	5.0800e-003	3.0000e-004	5.3800e-003	1.4000e-003	2.9000e-004	1.6900e-003	0.0000	23.9688	23.9688	9.4000e-004	0.0000	23.9923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-003	1.9000e-003	0.0187	6.0000e-005	5.5900e-003	4.0000e-005	5.6300e-003	1.4900e-003	4.0000e-005	1.5300e-003	0.0000	5.3634	5.3634	1.3000e-004	0.0000	5.3668
<b>Total</b>	<b>5.2800e-003</b>	<b>0.0884</b>	<b>0.0336</b>	<b>3.1000e-004</b>	<b>0.0107</b>	<b>3.4000e-004</b>	<b>0.0110</b>	<b>2.8900e-003</b>	<b>3.3000e-004</b>	<b>3.2200e-003</b>	<b>0.0000</b>	<b>29.3322</b>	<b>29.3322</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>29.3590</b>

**3.5 Trenching/Utility Work - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0413	0.4098	0.3242	5.4000e-004		0.0242	0.0242		0.0222	0.0222	0.0000	47.1098	47.1098	0.0152	0.0000	47.4907
<b>Total</b>	<b>0.0413</b>	<b>0.4098</b>	<b>0.3242</b>	<b>5.4000e-004</b>		<b>0.0242</b>	<b>0.0242</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>47.1098</b>	<b>47.1098</b>	<b>0.0152</b>	<b>0.0000</b>	<b>47.4907</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.2000e-003	8.4000e-004	8.3000e-003	3.0000e-005	2.6200e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.3837	2.3837	6.0000e-005	0.0000	2.3852
<b>Total</b>	<b>1.2000e-003</b>	<b>8.4000e-004</b>	<b>8.3000e-003</b>	<b>3.0000e-005</b>	<b>2.6200e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.3837</b>	<b>2.3837</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3852</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	tons/yr										MT/yr					
Off-Road	0.0413	0.4098	0.3242	5.4000e-004		0.0242	0.0242		0.0222	0.0222	0.0000	47.1098	47.1098	0.0152	0.0000	47.4907
<b>Total</b>	<b>0.0413</b>	<b>0.4098</b>	<b>0.3242</b>	<b>5.4000e-004</b>		<b>0.0242</b>	<b>0.0242</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>47.1098</b>	<b>47.1098</b>	<b>0.0152</b>	<b>0.0000</b>	<b>47.4907</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.2000e-003	8.4000e-004	8.3000e-003	3.0000e-005	2.4800e-003	2.0000e-005	2.5000e-003	6.6000e-004	2.0000e-005	6.8000e-004	0.0000	2.3837	2.3837	6.0000e-005	0.0000	2.3852
<b>Total</b>	<b>1.2000e-003</b>	<b>8.4000e-004</b>	<b>8.3000e-003</b>	<b>3.0000e-005</b>	<b>2.4800e-003</b>	<b>2.0000e-005</b>	<b>2.5000e-003</b>	<b>6.6000e-004</b>	<b>2.0000e-005</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3837</b>	<b>2.3837</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3852</b>

**3.5 Trenching/Utility Work - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1677	1.6496	1.4312	2.3900e-003		0.0948	0.0948		0.0872	0.0872	0.0000	209.9082	209.9082	0.0679	0.0000	211.6054
<b>Total</b>	<b>0.1677</b>	<b>1.6496</b>	<b>1.4312</b>	<b>2.3900e-003</b>		<b>0.0948</b>	<b>0.0948</b>		<b>0.0872</b>	<b>0.0872</b>	<b>0.0000</b>	<b>209.9082</b>	<b>209.9082</b>	<b>0.0679</b>	<b>0.0000</b>	<b>211.6054</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	4.9500e-003	3.3500e-003	0.0337	1.1000e-004	0.0117	8.0000e-005	0.0118	3.1000e-003	7.0000e-005	3.1800e-003	0.0000	10.2431	10.2431	2.4000e-004	0.0000	10.2490
<b>Total</b>	<b>4.9500e-003</b>	<b>3.3500e-003</b>	<b>0.0337</b>	<b>1.1000e-004</b>	<b>0.0117</b>	<b>8.0000e-005</b>	<b>0.0118</b>	<b>3.1000e-003</b>	<b>7.0000e-005</b>	<b>3.1800e-003</b>	<b>0.0000</b>	<b>10.2431</b>	<b>10.2431</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>10.2490</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	tons/yr										MT/yr					
Off-Road	0.1677	1.6496	1.4312	2.3900e-003		0.0948	0.0948		0.0872	0.0872	0.0000	209.9080	209.9080	0.0679	0.0000	211.6052
<b>Total</b>	<b>0.1677</b>	<b>1.6496</b>	<b>1.4312</b>	<b>2.3900e-003</b>		<b>0.0948</b>	<b>0.0948</b>		<b>0.0872</b>	<b>0.0872</b>	<b>0.0000</b>	<b>209.9080</b>	<b>209.9080</b>	<b>0.0679</b>	<b>0.0000</b>	<b>211.6052</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	4.9500e-003	3.3500e-003	0.0337	1.1000e-004	0.0111	8.0000e-005	0.0112	2.9600e-003	7.0000e-005	3.0300e-003	0.0000	10.2431	10.2431	2.4000e-004	0.0000	10.2490
<b>Total</b>	<b>4.9500e-003</b>	<b>3.3500e-003</b>	<b>0.0337</b>	<b>1.1000e-004</b>	<b>0.0111</b>	<b>8.0000e-005</b>	<b>0.0112</b>	<b>2.9600e-003</b>	<b>7.0000e-005</b>	<b>3.0300e-003</b>	<b>0.0000</b>	<b>10.2431</b>	<b>10.2431</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>10.2490</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2229	0.2528	3.9000e-004		0.0117	0.0117		0.0108	0.0108	0.0000	34.5405	34.5405	0.0112	0.0000	34.8198
Paving	0.0230					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0446</b>	<b>0.2229</b>	<b>0.2528</b>	<b>3.9000e-004</b>		<b>0.0117</b>	<b>0.0117</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>34.5405</b>	<b>34.5405</b>	<b>0.0112</b>	<b>0.0000</b>	<b>34.8198</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7800e-003	1.2100e-003	0.0121	4.0000e-005	7.8300e-003	3.0000e-005	7.8600e-003	2.0100e-003	3.0000e-005	2.0300e-003	0.0000	3.6861	3.6861	9.0000e-005	0.0000	3.6883
<b>Total</b>	<b>1.7800e-003</b>	<b>1.2100e-003</b>	<b>0.0121</b>	<b>4.0000e-005</b>	<b>7.8300e-003</b>	<b>3.0000e-005</b>	<b>7.8600e-003</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>0.0000</b>	<b>3.6861</b>	<b>3.6861</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.6883</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	tons/yr										MT/yr					
Off-Road	0.0217	0.2229	0.2528	3.9000e-004		0.0117	0.0117		0.0108	0.0108	0.0000	34.5405	34.5405	0.0112	0.0000	34.8197
Paving	0.0230					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0446</b>	<b>0.2229</b>	<b>0.2528</b>	<b>3.9000e-004</b>		<b>0.0117</b>	<b>0.0117</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>34.5405</b>	<b>34.5405</b>	<b>0.0112</b>	<b>0.0000</b>	<b>34.8197</b>



**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7800e-003	1.2100e-003	0.0121	4.0000e-005	7.4000e-003	3.0000e-005	7.4300e-003	1.9000e-003	3.0000e-005	1.9300e-003	0.0000	3.6861	3.6861	9.0000e-005	0.0000	3.6883
<b>Total</b>	<b>1.7800e-003</b>	<b>1.2100e-003</b>	<b>0.0121</b>	<b>4.0000e-005</b>	<b>7.4000e-003</b>	<b>3.0000e-005</b>	<b>7.4300e-003</b>	<b>1.9000e-003</b>	<b>3.0000e-005</b>	<b>1.9300e-003</b>	<b>0.0000</b>	<b>3.6861</b>	<b>3.6861</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.6883</b>

**3.7 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0543	0.5022	0.5085	8.2000e-004		0.0278	0.0278		0.0262	0.0262	0.0000	70.5449	70.5449	0.0156	0.0000	70.9346
<b>Total</b>	<b>0.0543</b>	<b>0.5022</b>	<b>0.5085</b>	<b>8.2000e-004</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0262</b>	<b>0.0262</b>	<b>0.0000</b>	<b>70.5449</b>	<b>70.5449</b>	<b>0.0156</b>	<b>0.0000</b>	<b>70.9346</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.4656	0.1276	1.2900e-003	0.0299	1.1400e-003	0.0311	8.6500e-003	1.0900e-003	9.7400e-003	0.0000	122.4332	122.4332	6.2300e-003	0.0000	122.5891
Worker	0.0389	0.0264	0.2649	8.9000e-004	0.0919	6.2000e-004	0.0925	0.0244	5.7000e-004	0.0250	0.0000	80.6278	80.6278	1.8700e-003	0.0000	80.6745
<b>Total</b>	<b>0.0557</b>	<b>0.4920</b>	<b>0.3925</b>	<b>2.1800e-003</b>	<b>0.1218</b>	<b>1.7600e-003</b>	<b>0.1236</b>	<b>0.0331</b>	<b>1.6600e-003</b>	<b>0.0348</b>	<b>0.0000</b>	<b>203.0610</b>	<b>203.0610</b>	<b>8.1000e-003</b>	<b>0.0000</b>	<b>203.2636</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	tons/yr										MT/yr					
Off-Road	0.0543	0.5022	0.5085	8.2000e-004		0.0278	0.0278		0.0262	0.0262	0.0000	70.5448	70.5448	0.0156	0.0000	70.9345
<b>Total</b>	<b>0.0543</b>	<b>0.5022</b>	<b>0.5085</b>	<b>8.2000e-004</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0262</b>	<b>0.0262</b>	<b>0.0000</b>	<b>70.5448</b>	<b>70.5448</b>	<b>0.0156</b>	<b>0.0000</b>	<b>70.9345</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.4656	0.1276	1.2900e-003	0.0286	1.1400e-003	0.0298	8.3400e-003	1.0900e-003	9.4300e-003	0.0000	122.4332	122.4332	6.2300e-003	0.0000	122.5891
Worker	0.0389	0.0264	0.2649	8.9000e-004	0.0871	6.2000e-004	0.0877	0.0233	5.7000e-004	0.0238	0.0000	80.6278	80.6278	1.8700e-003	0.0000	80.6745
<b>Total</b>	<b>0.0557</b>	<b>0.4920</b>	<b>0.3925</b>	<b>2.1800e-003</b>	<b>0.1158</b>	<b>1.7600e-003</b>	<b>0.1175</b>	<b>0.0316</b>	<b>1.6600e-003</b>	<b>0.0333</b>	<b>0.0000</b>	<b>203.0610</b>	<b>203.0610</b>	<b>8.1000e-003</b>	<b>0.0000</b>	<b>203.2636</b>

**3.7 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3022	2.7919	3.1143	5.0600e-003		0.1448	0.1448		0.1369	0.1369	0.0000	436.8909	436.8909	0.0958	0.0000	439.2850
<b>Total</b>	<b>0.3022</b>	<b>2.7919</b>	<b>3.1143</b>	<b>5.0600e-003</b>		<b>0.1448</b>	<b>0.1448</b>		<b>0.1369</b>	<b>0.1369</b>	<b>0.0000</b>	<b>436.8909</b>	<b>436.8909</b>	<b>0.0958</b>	<b>0.0000</b>	<b>439.2850</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0962	2.7160	0.7263	7.9100e-003	0.1851	6.1200e-003	0.1912	0.0535	5.8500e-003	0.0594	0.0000	750.9331	750.9331	0.0365	0.0000	751.8457
Worker	0.2242	0.1464	1.4998	5.3100e-003	0.5688	3.7500e-003	0.5726	0.1513	3.4500e-003	0.1547	0.0000	480.6763	480.6763	0.0104	0.0000	480.9353
<b>Total</b>	<b>0.3204</b>	<b>2.8624</b>	<b>2.2262</b>	<b>0.0132</b>	<b>0.7539</b>	<b>9.8700e-003</b>	<b>0.7638</b>	<b>0.2048</b>	<b>9.3000e-003</b>	<b>0.2141</b>	<b>0.0000</b>	<b>1,231.6094</b>	<b>1,231.6094</b>	<b>0.0469</b>	<b>0.0000</b>	<b>1,232.7810</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	tons/yr										MT/yr					
Off-Road	0.3022	2.7919	3.1142	5.0600e-003		0.1448	0.1448		0.1369	0.1369	0.0000	436.8903	436.8903	0.0958	0.0000	439.2845
<b>Total</b>	<b>0.3022</b>	<b>2.7919</b>	<b>3.1142</b>	<b>5.0600e-003</b>		<b>0.1448</b>	<b>0.1448</b>		<b>0.1369</b>	<b>0.1369</b>	<b>0.0000</b>	<b>436.8903</b>	<b>436.8903</b>	<b>0.0958</b>	<b>0.0000</b>	<b>439.2845</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0962	2.7160	0.7263	7.9100e-003	0.1773	6.1200e-003	0.1834	0.0516	5.8500e-003	0.0575	0.0000	750.9331	750.9331	0.0365	0.0000	751.8457
Worker	0.2242	0.1464	1.4998	5.3100e-003	0.5393	3.7500e-003	0.5431	0.1440	3.4500e-003	0.1475	0.0000	480.6763	480.6763	0.0104	0.0000	480.9353
<b>Total</b>	<b>0.3204</b>	<b>2.8624</b>	<b>2.2262</b>	<b>0.0132</b>	<b>0.7166</b>	<b>9.8700e-003</b>	<b>0.7265</b>	<b>0.1956</b>	<b>9.3000e-003</b>	<b>0.2049</b>	<b>0.0000</b>	<b>1,231.6094</b>	<b>1,231.6094</b>	<b>0.0469</b>	<b>0.0000</b>	<b>1,232.7810</b>

### **3.7 Building Construction - 2023**

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2336	2.1569	2.5962	4.2500e-003		0.1047	0.1047		0.0991	0.0991	0.0000	366.4612	366.4612	0.0797	0.0000	368.4536
<b>Total</b>	<b>0.2336</b>	<b>2.1569</b>	<b>2.5962</b>	<b>4.2500e-003</b>		<b>0.1047</b>	<b>0.1047</b>		<b>0.0991</b>	<b>0.0991</b>	<b>0.0000</b>	<b>366.4612</b>	<b>366.4612</b>	<b>0.0797</b>	<b>0.0000</b>	<b>368.4536</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0607	1.7443	0.5271	6.4700e-003	0.1552	1.9000e-003	0.1571	0.0449	1.8100e-003	0.0467	0.0000	614.8309	614.8309	0.0221	0.0000	615.3823
Worker	0.1753	0.1102	1.1519	4.2800e-003	0.4769	3.0700e-003	0.4800	0.1268	2.8300e-003	0.1297	0.0000	387.4861	387.4861	7.7800e-003	0.0000	387.6807
<b>Total</b>	<b>0.2360</b>	<b>1.8545</b>	<b>1.6790</b>	<b>0.0108</b>	<b>0.6321</b>	<b>4.9700e-003</b>	<b>0.6371</b>	<b>0.1717</b>	<b>4.6400e-003</b>	<b>0.1764</b>	<b>0.0000</b>	<b>1,002.3170</b>	<b>1,002.3170</b>	<b>0.0298</b>	<b>0.0000</b>	<b>1,003.0629</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	tons/yr										MT/yr					
Off-Road	0.2336	2.1569	2.5962	4.2500e-003		0.1047	0.1047		0.0991	0.0991	0.0000	366.4608	366.4608	0.0797	0.0000	368.4532
<b>Total</b>	<b>0.2336</b>	<b>2.1569</b>	<b>2.5962</b>	<b>4.2500e-003</b>		<b>0.1047</b>	<b>0.1047</b>		<b>0.0991</b>	<b>0.0991</b>	<b>0.0000</b>	<b>366.4608</b>	<b>366.4608</b>	<b>0.0797</b>	<b>0.0000</b>	<b>368.4532</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0607	1.7443	0.5271	6.4700e-003	0.1487	1.9000e-003	0.1506	0.0433	1.8100e-003	0.0451	0.0000	614.8309	614.8309	0.0221	0.0000	615.3823
Worker	0.1753	0.1102	1.1519	4.2800e-003	0.4522	3.0700e-003	0.4553	0.1208	2.8300e-003	0.1236	0.0000	387.4861	387.4861	7.7800e-003	0.0000	387.6807
<b>Total</b>	<b>0.2360</b>	<b>1.8545</b>	<b>1.6790</b>	<b>0.0108</b>	<b>0.6009</b>	<b>4.9700e-003</b>	<b>0.6058</b>	<b>0.1640</b>	<b>4.6400e-003</b>	<b>0.1687</b>	<b>0.0000</b>	<b>1,002.3170</b>	<b>1,002.3170</b>	<b>0.0298</b>	<b>0.0000</b>	<b>1,003.0629</b>

**3.8 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0414	0.2815	0.3912	6.4000e-004		0.0153	0.0153		0.0153	0.0153	0.0000	55.1503	55.1503	3.3000e-003	0.0000	55.2328
<b>Total</b>	<b>3.4292</b>	<b>0.2815</b>	<b>0.3912</b>	<b>6.4000e-004</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>55.1503</b>	<b>55.1503</b>	<b>3.3000e-003</b>	<b>0.0000</b>	<b>55.2328</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0231	0.0145	0.1519	5.6000e-004	0.0629	4.1000e-004	0.0633	0.0167	3.7000e-004	0.0171	0.0000	51.0979	51.0979	1.0300e-003	0.0000	51.1236
<b>Total</b>	<b>0.0231</b>	<b>0.0145</b>	<b>0.1519</b>	<b>5.6000e-004</b>	<b>0.0629</b>	<b>4.1000e-004</b>	<b>0.0633</b>	<b>0.0167</b>	<b>3.7000e-004</b>	<b>0.0171</b>	<b>0.0000</b>	<b>51.0979</b>	<b>51.0979</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>51.1236</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	tons/yr										MT/yr					
Archit. Coating	3.3878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0414	0.2815	0.3912	6.4000e-004		0.0153	0.0153		0.0153	0.0153	0.0000	55.1502	55.1502	3.3000e-003	0.0000	55.2327
<b>Total</b>	<b>3.4292</b>	<b>0.2815</b>	<b>0.3912</b>	<b>6.4000e-004</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>55.1502</b>	<b>55.1502</b>	<b>3.3000e-003</b>	<b>0.0000</b>	<b>55.2327</b>



## Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0231	0.0145	0.1519	5.6000e-004	0.0596	4.1000e-004	0.0600	0.0159	3.7000e-004	0.0163	0.0000	51.0979	51.0979	1.0300e-003	0.0000	51.1236
<b>Total</b>	<b>0.0231</b>	<b>0.0145</b>	<b>0.1519</b>	<b>5.6000e-004</b>	<b>0.0596</b>	<b>4.1000e-004</b>	<b>0.0600</b>	<b>0.0159</b>	<b>3.7000e-004</b>	<b>0.0163</b>	<b>0.0000</b>	<b>51.0979</b>	<b>51.0979</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>51.1236</b>

## 4.0 Operational Detail - Mobile

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### 4.1 Mitigation Measures Mobile

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

Provide Traffic Calming Measures

Expand Transit Network

Implement Trip Reduction Program

Transit Subsidy

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.0720	10.2236	14.0255	0.0439	2.7074	0.0321	2.7395	0.7254	0.0299	0.7553	0.0000	4,060.5587	4,060.5587	0.2399	0.0000	4,066.5559
Unmitigated	2.5370	13.0376	23.8954	0.0932	7.1950	0.0672	7.2621	1.9278	0.0626	1.9904	0.0000	8,584.9383	8,584.9383	0.3621	0.0000	8,593.9898

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Discount Club	8,098.41	8,570.05	7906.72	13,372,830	4,947,177
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	1,691.00	1,691.00	1691.00	3,905,546	1,578,683
Strip Mall	1,280.10	1,280.10	1280.10	1,971,396	717,763
<b>Total</b>	<b>11,069.51</b>	<b>11,541.15</b>	<b>10,877.82</b>	<b>19,249,772</b>	<b>7,243,623</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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Discount Club	9.50	7.30	10.00	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	14	27	59
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Discount Club	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Gasoline/Service Station	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Parking Lot	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Single Family Housing	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Strip Mall	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	172.6773	172.6773	0.0293	6.0600e-003	175.2149
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	174.9983	174.9983	0.0297	6.1400e-003	177.5700
NaturalGas Mitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924
NaturalGas Unmitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924



Single Family Housing	5.17359e+006	0.0279	0.2384	0.1014	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.0823	276.0823	5.2900e-003	5.0600e-003	277.7229
Strip Mall	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
<b>Total</b>		<b>0.0308</b>	<b>0.2650</b>	<b>0.1238</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>	<b>0.0000</b>	<b>305.0794</b>	<b>305.0794</b>	<b>5.8400e-003</b>	<b>5.5900e-003</b>	<b>306.8924</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	1.13799e+006	88.2676	0.0150	3.1000e-003	89.5647
Gasoline/Service Station	24520.7	1.9019	3.2000e-004	7.0000e-005	1.9299
Parking Lot	192400	14.9234	2.5300e-003	5.2000e-004	15.1427
Single Family Housing	676857	52.5000	8.9000e-003	1.8400e-003	53.2715
Strip Mall	224400	17.4054	2.9500e-003	6.1000e-004	17.6612
<b>Total</b>		<b>174.9983</b>	<b>0.0297</b>	<b>6.1400e-003</b>	<b>177.5700</b>

## Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	1.13799e+006	88.2676	0.0150	3.1000e-003	89.5647
Gasoline/Service Station	24520.7	1.9019	3.2000e-004	7.0000e-005	1.9299
Parking Lot	192400	14.9234	2.5300e-003	5.2000e-004	15.1427
Single Family Housing	646934	50.1790	8.5100e-003	1.7600e-003	50.9164
Strip Mall	224400	17.4054	2.9500e-003	6.1000e-004	17.6612
<b>Total</b>		<b>172.6773</b>	<b>0.0293</b>	<b>6.0600e-003</b>	<b>175.2149</b>

## 6.0 Area Detail

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### 6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3920	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
Unmitigated	2.4138	0.0331	1.3492	1.8000e-004		8.8100e-003	8.8100e-003		8.8100e-003	8.8100e-003	0.0000	22.6409	22.6409	2.5700e-003	3.7000e-004	22.8168

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0700e-003	0.0177	7.5100e-003	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.4437	20.4437	3.9000e-004	3.7000e-004	20.5652
Landscaping	0.0417	0.0154	1.3416	7.0000e-005		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003	0.0000	2.1972	2.1972	2.1800e-003	0.0000	2.2516
<b>Total</b>	<b>2.4138</b>	<b>0.0331</b>	<b>1.3492</b>	<b>1.8000e-004</b>		<b>8.8200e-003</b>	<b>8.8200e-003</b>		<b>8.8200e-003</b>	<b>8.8200e-003</b>	<b>0.0000</b>	<b>22.6409</b>	<b>22.6409</b>	<b>2.5700e-003</b>	<b>3.7000e-004</b>	<b>22.8168</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	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0219	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
<b>Total</b>	<b>2.3920</b>	<b>0.0122</b>	<b>1.0161</b>	<b>5.0000e-005</b>		<b>5.4800e-003</b>	<b>5.4800e-003</b>		<b>5.4800e-003</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>1.5313</b>	<b>1.5313</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>1.5596</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.0604	0.6665	0.0161	40.5307
Unmitigated	23.0791	0.8331	0.0201	49.9059



## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	11.2694 / 6.90705	10.1801	0.3683	8.9000e-003	22.0414
Gasoline/Service Station	0.398457 / 0.244215	0.3599	0.0130	3.1000e-004	0.7793
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11.5974 / 7.31141	10.5316	0.3791	9.1600e-003	22.7390
Strip Mall	2.22218 / 1.36198	2.0074	0.0726	1.7600e-003	4.3463
<b>Total</b>		<b>23.0791</b>	<b>0.8330</b>	<b>0.0201</b>	<b>49.9060</b>

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	9.01551 / 6.48572	8.4047	0.2947	7.1300e-003	17.8976
Gasoline/Service Station	0.318765 / 0.229318	0.2972	0.0104	2.5000e-004	0.6328
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.27793 / 6.86542	8.7012	0.3033	7.3400e-003	18.4711
Strip Mall	1.77774 / 1.2789	1.6573	0.0581	1.4100e-003	3.5292
<b>Total</b>		<b>19.0604</b>	<b>0.6665</b>	<b>0.0161</b>	<b>40.5307</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.5580	2.7515	0.0000	115.3455
Unmitigated	186.2320	11.0060	0.0000	461.3820

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	654.31	132.8190	7.8494	0.0000	329.0535
Gasoline/Service Station	16.17	3.2824	0.1940	0.0000	8.1319
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	215.46	43.7364	2.5848	0.0000	108.3552
Strip Mall	31.5	6.3942	0.3779	0.0000	15.8414
<b>Total</b>		<b>186.2320</b>	<b>11.0060</b>	<b>0.0000</b>	<b>461.3820</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	163.577	33.2048	1.9623	0.0000	82.2634
Gasoline/Service Station	4.0425	0.8206	0.0485	0.0000	2.0330
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	53.865	10.9341	0.6462	0.0000	27.0888
Strip Mall	7.875	1.5986	0.0945	0.0000	3.9604
<b>Total</b>		<b>46.5580</b>	<b>2.7515</b>	<b>0.0000</b>	<b>115.3455</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	6	8.00	365	89	0.20	Electrical

## UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Forklifts	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
<b>Total</b>	<b>0.1123</b>	<b>1.0509</b>	<b>1.2536</b>	<b>1.6700e-003</b>		<b>0.0649</b>	<b>0.0649</b>		<b>0.0597</b>	<b>0.0597</b>	<b>0.0000</b>	<b>147.0490</b>	<b>147.0490</b>	<b>0.0476</b>	<b>0.0000</b>	<b>148.2380</b>

## 10.0 Stationary Equipment

### Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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## 11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-172.8310	0.0000	0.0000	-172.8310

## 11.1 Vegetation Land Change

### Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	51.3 / 11.2	-172.8310	0.0000	0.0000	-172.8310
<b>Total</b>		<b>-172.8310</b>	<b>0.0000</b>	<b>0.0000</b>	<b>-172.8310</b>

Fairview at Northgate 2030 - Solano-San Francisco County, Annual

**Fairview at Northgate 2030**  
**Solano-San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,924.00	Space	17.52	769,600.00	0
City Park	5.70	Acre	5.70	248,292.00	0
Single Family Housing	178.00	Dwelling Unit	23.80	320,400.00	513
Discount Club	152.14	1000sqft	3.49	152,138.00	205
Gasoline/Service Station	30.00	Pump	0.10	4,235.00	0
Strip Mall	30.00	1000sqft	0.69	30,000.00	32

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	56
<b>Climate Zone</b>	4			<b>Operational Year</b>	2030
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	135	<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 - Per PG&E 2019 Sustainability Report - adjusted to meet 2030 reduction targets.

Land Use - Acreages and population adjusted to match site

Construction Phase - Operational 2030 run only

Off-road Equipment - anticipated equipment

Off-road Equipment - Operational 2030 run only

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - Per Trip Generation table. City park is open space (not active park). Gas station trips incorporated into Discount Club trips. Discount Club C-MM trip length weighted for delivery trucks from the Tracy Depot and fuel trucks from Martinez fuel facility.

Woodstoves - No wood burning

Energy Use - Update per 2019 T24.

Water And Wastewater - City park is proxy for Wetland area and Open Space, would not be irrigated

Solid Waste - City park is proxy for Wetland area and Open Space, would not generate waste

Operational Off-Road Equipment - Anticipated Costco equipment

Construction Off-road Equipment Mitigation - Per BAAQMD Basic Control Measures

Mobile Land Use Mitigation - Per TIA MM TRA-8

Energy Mitigation - Compliance with 2019 T24, rooftop solar for discount club

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	70.00	0.00
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	NT24E	3.70	2.59
tblEnergyUse	NT24E	6,155.97	2,893.31
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	T24E	2.76	1.93



tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	325.76	153.11
tblEnergyUse	T24E	2.76	1.93
tblFireplaces	NumberGas	44.50	163.76
tblFireplaces	NumberWood	76.54	0.00
tblLandUse	LandUseSquareFeet	152,140.00	152,138.00
tblLandUse	LandUseSquareFeet	4,235.25	4,235.00
tblLandUse	LotAcreage	17.32	17.52
tblLandUse	LotAcreage	57.79	23.80
tblLandUse	Population	509.00	513.00
tblLandUse	Population	0.00	205.00
tblLandUse	Population	0.00	32.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	6.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	135
tblSolidWaste	SolidWasteGenerationRate	0.49	0.00
tblVehicleTrips	CNW_TL	7.30	10.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	53.75	56.33
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	9.91	9.50
tblVehicleTrips	ST_TR	42.04	42.67
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	33.67	51.97
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	8.62	9.50
tblVehicleTrips	SU_TR	20.43	42.67
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	41.80	53.23



**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

## 2.2 Overall Operational

### Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.4134	0.0330	1.3453	1.8000e-004		8.8300e-003	8.8300e-003		8.8300e-003	8.8300e-003	0.0000	22.6409	22.6409	2.5500e-003	3.7000e-004	22.8163
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	443.2359	443.2359	0.0355	0.0117	447.6206
Mobile	1.7449	11.2091	15.9638	0.0784	7.1872	0.0469	7.2340	1.9242	0.0436	1.9678	0.0000	7,248.0415	7,248.0415	0.2742	0.0000	7,254.8969
Offroad	0.0973	0.5346	1.3060	2.0600e-003		7.2200e-003	7.2200e-003		7.2200e-003	7.2200e-003	0.0000	177.2275	177.2275	7.8000e-003	0.0000	177.4224
Waste						0.0000	0.0000		0.0000	0.0000	186.2320	0.0000	186.2320	11.0060	0.0000	461.3820
Water						0.0000	0.0000		0.0000	0.0000	8.0860	11.8367	19.9226	0.8331	0.0201	46.7495
<b>Total</b>	<b>4.2864</b>	<b>12.0417</b>	<b>18.7388</b>	<b>0.0823</b>	<b>7.1872</b>	<b>0.0842</b>	<b>7.2714</b>	<b>1.9242</b>	<b>0.0810</b>	<b>2.0052</b>	<b>194.3180</b>	<b>7,902.9825</b>	<b>8,097.3005</b>	<b>12.1591</b>	<b>0.0322</b>	<b>8,410.8876</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	tons/yr										MT/yr					
Area	2.3917	0.0122	1.0129	5.0000e-005		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	1.5313	1.5313	1.1200e-003	0.0000	1.5593
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	410.7852	410.7852	0.0286	0.0103	414.5658
Mobile	1.4042	9.3498	9.1705	0.0376	2.7045	0.0231	2.7276	0.7241	0.0214	0.7455	0.0000	3,489.5060	3,489.5060	0.1888	0.0000	3,494.2264
Offroad	0.0973	0.5346	1.3060	2.0600e-003		7.2200e-003	7.2200e-003		7.2200e-003	7.2200e-003	0.0000	177.2275	177.2275	7.8000e-003	0.0000	177.4224
Waste						0.0000	0.0000		0.0000	0.0000	46.5580	0.0000	46.5580	2.7515	0.0000	115.3455
Water						0.0000	0.0000		0.0000	0.0000	6.4688	9.9408	16.4095	0.6665	0.0161	37.8798
<b>Total</b>	<b>3.9241</b>	<b>10.1615</b>	<b>11.6132</b>	<b>0.0414</b>	<b>2.7045</b>	<b>0.0571</b>	<b>2.7616</b>	<b>0.7241</b>	<b>0.0555</b>	<b>0.7795</b>	<b>53.0268</b>	<b>4,088.9907</b>	<b>4,142.0175</b>	<b>3.6443</b>	<b>0.0264</b>	<b>4,240.9992</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>8.45</b>	<b>15.61</b>	<b>38.03</b>	<b>49.71</b>	<b>62.37</b>	<b>32.20</b>	<b>62.02</b>	<b>62.37</b>	<b>31.51</b>	<b>61.12</b>	<b>72.71</b>	<b>48.26</b>	<b>48.85</b>	<b>70.03</b>	<b>18.05</b>	<b>49.58</b>

**2.3 Vegetation**

**Vegetation**

	CO2e
Category	MT
Vegetation Land Change	-172.8310
<b>Total</b>	<b>-172.8310</b>

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 17.52

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

#### 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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads







## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

- Increase Diversity
- Improve Destination Accessibility
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures
- Expand Transit Network
- Implement Trip Reduction Program
- Transit Subsidy
- Market Commute Trip Reduction Option
- Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4042	9.3498	9.1705	0.0376	2.7045	0.0231	2.7276	0.7241	0.0214	0.7455	0.0000	3,489.5060	3,489.5060	0.1888	0.0000	3,494.2264
Unmitigated	1.7449	11.2091	15.9638	0.0784	7.1872	0.0469	7.2340	1.9242	0.0436	1.9678	0.0000	7,248.0415	7,248.0415	0.2742	0.0000	7,254.8969

## 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Discount Club	8,098.41	8,570.05	7906.72	13,372,830	4,947,177
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	1,691.00	1,691.00	1691.00	3,905,546	1,578,683
Strip Mall	1,280.10	1,280.10	1280.10	1,971,396	717,763
<b>Total</b>	<b>11,069.51</b>	<b>11,541.15</b>	<b>10,877.82</b>	<b>19,249,772</b>	<b>7,243,623</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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Discount Club	9.50	7.30	10.00	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	14	27	59
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

## 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687
Discount Club	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687
Gasoline/Service Station	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687
Parking Lot	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687
Single Family Housing	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687
Strip Mall	0.607682	0.033070	0.175504	0.098232	0.012332	0.004722	0.009182	0.047298	0.003255	0.001718	0.005702	0.000617	0.000687

## 5.0 Energy Detail

Historical Energy Use: N

### 5.1 Mitigation Measures Energy

Percent of Electricity Use Generated with Renewable Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	105.7057	105.7057	0.0227	4.7000e-003	107.6734
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	138.1565	138.1565	0.0297	6.1400e-003	140.7283
NaturalGas Mitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924
NaturalGas Unmitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924



Single Family Housing	5.17359e+006	0.0279	0.2384	0.1014	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.0823	276.0823	5.2900e-003	5.0600e-003	277.7229
Strip Mall	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
<b>Total</b>		<b>0.0308</b>	<b>0.2650</b>	<b>0.1238</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>	<b>0.0000</b>	<b>305.0794</b>	<b>305.0794</b>	<b>5.8400e-003</b>	<b>5.5900e-003</b>	<b>306.8924</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	1.13799e+006	69.6849	0.0150	3.1000e-003	70.9821
Gasoline/Service Station	24520.7	1.5015	3.2000e-004	7.0000e-005	1.5295
Parking Lot	192400	11.7816	2.5300e-003	5.2000e-004	12.0009
Single Family Housing	676857	41.4474	8.9000e-003	1.8400e-003	42.2189
Strip Mall	224400	13.7411	2.9500e-003	6.1000e-004	13.9969
<b>Total</b>		<b>138.1565</b>	<b>0.0297</b>	<b>6.1400e-003</b>	<b>140.7283</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	882399	54.0337	0.0116	2.4000e-003	55.0395
Gasoline/Service Station	19013.3	1.1643	2.5000e-004	5.0000e-005	1.1860
Parking Lot	149187	9.1355	1.9600e-003	4.1000e-004	9.3055
Single Family Housing	501632	30.7174	6.6000e-003	1.3700e-003	31.2892
Strip Mall	174000	10.6549	2.2900e-003	4.7000e-004	10.8532
<b>Total</b>		<b>105.7057</b>	<b>0.0227</b>	<b>4.7000e-003</b>	<b>107.6734</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3917	0.0122	1.0129	5.0000e-005		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	1.5313	1.5313	1.1200e-003	0.0000	1.5593
Unmitigated	2.4134	0.0330	1.3453	1.8000e-004		8.8300e-003	8.8300e-003		8.8300e-003	8.8300e-003	0.0000	22.6409	22.6409	2.5500e-003	3.7000e-004	22.8163

**6.2 Area by SubCategory**  
**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0700e-003	0.0177	7.5100e-003	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.4437	20.4437	3.9000e-004	3.7000e-004	20.5652
Landscaping	0.0412	0.0154	1.3378	7.0000e-005		7.4000e-003	7.4000e-003		7.4000e-003	7.4000e-003	0.0000	2.1972	2.1972	2.1600e-003	0.0000	2.2511
<b>Total</b>	<b>2.4134</b>	<b>0.0330</b>	<b>1.3453</b>	<b>1.8000e-004</b>		<b>8.8300e-003</b>	<b>8.8300e-003</b>		<b>8.8300e-003</b>	<b>8.8300e-003</b>	<b>0.0000</b>	<b>22.6409</b>	<b>22.6409</b>	<b>2.5500e-003</b>	<b>3.7000e-004</b>	<b>22.8163</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	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0217	0.0122	1.0129	5.0000e-005		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	1.5313	1.5313	1.1200e-003	0.0000	1.5593
<b>Total</b>	<b>2.3917</b>	<b>0.0122</b>	<b>1.0129</b>	<b>5.0000e-005</b>		<b>5.5000e-003</b>	<b>5.5000e-003</b>		<b>5.5000e-003</b>	<b>5.5000e-003</b>	<b>0.0000</b>	<b>1.5313</b>	<b>1.5313</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>1.5593</b>

**7.0 Water Detail**



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## 7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	16.4095	0.6665	0.0161	37.8798
Unmitigated	19.9226	0.8331	0.0201	46.7495

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	11.2694 / 6.90705	8.7896	0.3683	8.9000e-003	20.6509
Gasoline/Service Station	0.398457 / 0.244215	0.3108	0.0130	3.1000e-004	0.7302
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11.5974 / 7.31141	9.0890	0.3791	9.1600e-003	21.2964
Strip Mall	2.22218 / 1.36198	1.7332	0.0726	1.7600e-003	4.0721
<b>Total</b>		<b>19.9226</b>	<b>0.8330</b>	<b>0.0201</b>	<b>46.7495</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	9.01551 / 6.48572	7.2375	0.2947	7.1300e-003	16.7303
Gasoline/Service Station	0.318765 / 0.229318	0.2559	0.0104	2.5000e-004	0.5915
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Single Family Housing	9.27793 / 6.86542	7.4891	0.3033	7.3400e-003	17.2590
Strip Mall	1.77774 / 1.2789	1.4271	0.0581	1.4100e-003	3.2990
<b>Total</b>		<b>16.4095</b>	<b>0.6665</b>	<b>0.0161</b>	<b>37.8798</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.5580	2.7515	0.0000	115.3455
Unmitigated	186.2320	11.0060	0.0000	461.3820

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	654.31	132.8190	7.8494	0.0000	329.0535
Gasoline/Service Station	16.17	3.2824	0.1940	0.0000	8.1319
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	215.46	43.7364	2.5848	0.0000	108.3552
Strip Mall	31.5	6.3942	0.3779	0.0000	15.8414
<b>Total</b>		<b>186.2320</b>	<b>11.0060</b>	<b>0.0000</b>	<b>461.3820</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	163.577	33.2048	1.9623	0.0000	82.2634
Gasoline/Service Station	4.0425	0.8206	0.0485	0.0000	2.0330
Parking Lot	0	0.0000	0.0000	0.0000	0.0000

Single Family Housing	53.865	10.9341	0.6462	0.0000	27.0888
Strip Mall	7.875	1.5986	0.0945	0.0000	3.9604
<b>Total</b>		<b>46.5580</b>	<b>2.7515</b>	<b>0.0000</b>	<b>115.3455</b>

## 9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	6	8.00	365	89	0.20	Electrical

### UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0973	0.5346	1.3060	2.0600e-003		7.2200e-003	7.2200e-003		7.2200e-003	7.2200e-003	0.0000	177.2275	177.2275	7.8000e-003	0.0000	177.4224
<b>Total</b>	<b>0.0973</b>	<b>0.5346</b>	<b>1.3060</b>	<b>2.0600e-003</b>		<b>7.2200e-003</b>	<b>7.2200e-003</b>		<b>7.2200e-003</b>	<b>7.2200e-003</b>	<b>0.0000</b>	<b>177.2275</b>	<b>177.2275</b>	<b>7.8000e-003</b>	<b>0.0000</b>	<b>177.4224</b>

## 10.0 Stationary Equipment

### Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
----------------	--------

## 11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-172.8310	0.0000	0.0000	-172.8310

## 11.1 Vegetation Land Change

### Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	51.3 / 11.2	-172.8310	0.0000	0.0000	-172.8310
<b>Total</b>		<b>-172.8310</b>	<b>0.0000</b>	<b>0.0000</b>	<b>-172.8310</b>

Fairview at Northgate - Tier 4 Construction Mitigation - Solano-San Francisco County, Annual

**Fairview at Northgate - Tier 4 Construction Mitigation**  
**Solano-San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,924.00	Space	17.52	769,600.00	0
City Park	5.70	Acre	5.70	248,292.00	0
Single Family Housing	178.00	Dwelling Unit	23.80	320,400.00	513
Discount Club	152.14	1000sqft	3.49	152,138.00	205
Gasoline/Service Station	30.00	Pump	0.10	4,235.00	0
Strip Mall	30.00	1000sqft	0.69	30,000.00	32

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	56
<b>Climate Zone</b>	4			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	171	<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 - Per PG&E 2019 Sustainability Report.

Land Use - Acreages and population adjusted to match site

Construction Phase - Anticipated schedule. Trenching includes 9 months for PG&E work and 2 months for project utilities.

Off-road Equipment - anticipated equipment

Off-road Equipment - anticipated equipment

Off-road Equipment - No demolition expected

Off-road Equipment - Anticipated equipment

Off-road Equipment - anticipated equipment

Off-road Equipment -

Off-road Equipment - Anticipated Equipment used

Off-road Equipment - Anticipated equipment

Trips and VMT -

Demolition -

Grading - Site is 51.3 acres. Conservatively anticipated incidental export

Site is balanced

Vehicle Trips - Per Trip Generation table. City park is open space (not active park). Gas station trips incorporated into Discount Club trips. Discount Club C-NW trip length weighted for delivery trucks from the Tracy Depot and fuel trucks from Martinez fuel facility.

Woodstoves - No wood burning

Energy Use - Update per 2019 T24.

Water And Wastewater - City park is proxy for Wetland area and Open Space, would not be irrigated

Solid Waste - City park is proxy for Wetland area and Open Space, would not generate waste

Operational Off-Road Equipment - Anticipated Costco Equipment

Construction Off-road Equipment Mitigation - Per BAAQMD Basic Control Measures. Tier 4 equipment required per EIR Mitigation Measure AQ-2.

Mobile Land Use Mitigation - Per TIA MM TRA-8

Energy Mitigation - Compliance with 2019 T24

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00



tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	19.00
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
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	75.00	144.00
tblConstructionPhase	NumDays	1,110.00	520.00
tblConstructionPhase	NumDays	70.00	0.00
tblConstructionPhase	NumDays	110.00	33.00
tblConstructionPhase	NumDays	75.00	23.00
tblConstructionPhase	NumDays	40.00	11.00
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	LightingElect	3.08	2.16
tblEnergyUse	LightingElect	0.35	0.25
tblEnergyUse	LightingElect	1,608.84	756.15
tblEnergyUse	LightingElect	5.25	3.67
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	NT24E	3.70	2.59

tblEnergyUse	NT24E	6,155.97	2,893.31
tblEnergyUse	NT24E	2.68	1.88
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	325.76	153.11
tblEnergyUse	T24E	2.76	1.93
tblFireplaces	NumberGas	44.50	163.76
tblFireplaces	NumberWood	76.54	0.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	152,140.00	152,138.00
tblLandUse	LandUseSquareFeet	4,235.25	4,235.00
tblLandUse	LotAcreage	17.32	17.52
tblLandUse	LotAcreage	57.79	23.80
tblLandUse	Population	509.00	513.00
tblLandUse	Population	0.00	205.00
tblLandUse	Population	0.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOffRoadEquipment	PhaseName		Trenching/Utility Work
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	6.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	171
tblSolidWaste	SolidWasteGenerationRate	0.49	0.00
tblVehicleTrips	CNW_TL	7.30	10.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	53.75	56.33
tblVehicleTrips	ST_TR	168.56	0.00
tblVehicleTrips	ST_TR	9.91	9.50
tblVehicleTrips	ST_TR	42.04	42.67
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	33.67	51.97
tblVehicleTrips	SU_TR	168.56	0.00
tblVehicleTrips	SU_TR	8.62	9.50
tblVehicleTrips	SU_TR	20.43	42.67
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	41.80	53.23
tblVehicleTrips	WD_TR	168.56	0.00
tblVehicleTrips	WD_TR	9.52	9.50
tblVehicleTrips	WD_TR	44.32	42.67
tblWater	OutdoorWaterUseRate	6,791,443.69	0.00
tblWoodstoves	NumberCatalytic	7.12	0.00
tblWoodstoves	NumberNoncatalytic	7.12	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2470	2.7342	1.7499	3.5800e-003	0.4305	0.1222	0.5527	0.1811	0.1124	0.2935	0.0000	316.8180	316.8180	0.0927	0.0000	319.1349
2021	0.3291	2.8712	2.6307	5.9300e-003	0.1413	0.1361	0.2774	0.0382	0.1259	0.1641	0.0000	531.9838	531.9838	0.1031	0.0000	534.5606
2022	0.6226	5.6543	5.3404	0.0183	0.7539	0.1546	0.9086	0.2048	0.1462	0.3510	0.0000	1,668.5002	1,668.5002	0.1426	0.0000	1,672.0660
2023	3.9220	4.3073	4.8182	0.0162	0.6950	0.1254	0.8204	0.1884	0.1194	0.3078	0.0000	1,475.0264	1,475.0264	0.1139	0.0000	1,477.8729
<b>Maximum</b>	<b>3.9220</b>	<b>5.6543</b>	<b>5.3404</b>	<b>0.0183</b>	<b>0.7539</b>	<b>0.1546</b>	<b>0.9086</b>	<b>0.2048</b>	<b>0.1462</b>	<b>0.3510</b>	<b>0.0000</b>	<b>1,668.5002</b>	<b>1,668.5002</b>	<b>0.1426</b>	<b>0.0000</b>	<b>1,672.0660</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0638	0.4205	1.8344	3.5800e-003	0.1936	0.0179	0.2116	0.0800	0.0169	0.0969	0.0000	316.8177	316.8177	0.0927	0.0000	319.1346
2021	0.2138	1.4885	2.8953	5.9300e-003	0.1342	0.0647	0.1990	0.0365	0.0606	0.0971	0.0000	531.9835	531.9835	0.1031	0.0000	534.5603
2022	0.4792	3.9743	5.4831	0.0183	0.7166	0.0613	0.7779	0.1956	0.0607	0.2564	0.0000	1,668.4997	1,668.4997	0.1426	0.0000	1,672.0655
2023	3.8138	3.0317	4.9495	0.0162	0.6605	0.0588	0.7193	0.1800	0.0584	0.2384	0.0000	1,475.0259	1,475.0259	0.1139	0.0000	1,477.8724
<b>Maximum</b>	<b>3.8138</b>	<b>3.9743</b>	<b>5.4831</b>	<b>0.0183</b>	<b>0.7166</b>	<b>0.0647</b>	<b>0.7779</b>	<b>0.1956</b>	<b>0.0607</b>	<b>0.2564</b>	<b>0.0000</b>	<b>1,668.4997</b>	<b>1,668.4997</b>	<b>0.1426</b>	<b>0.0000</b>	<b>1,672.0655</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>10.74</b>	<b>42.73</b>	<b>-4.29</b>	<b>0.00</b>	<b>15.63</b>	<b>62.34</b>	<b>25.45</b>	<b>19.67</b>	<b>60.97</b>	<b>38.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2020	11-30-2020	2.6904	0.3713
2	12-1-2020	2-28-2021	0.6209	0.2978
3	3-1-2021	5-31-2021	0.6122	0.2968
4	6-1-2021	8-31-2021	0.6121	0.2967
5	9-1-2021	11-30-2021	0.9937	0.5078
6	12-1-2021	2-28-2022	1.6086	1.1345
7	3-1-2022	5-31-2022	1.5839	1.1231
8	6-1-2022	8-31-2022	1.5782	1.1173
9	9-1-2022	11-30-2022	1.5724	1.1165
10	12-1-2022	2-28-2023	1.4091	0.9863
11	3-1-2023	5-31-2023	1.9267	1.5096
12	6-1-2023	8-31-2023	3.0565	2.6394

13	9-1-2023	9-30-2023	0.9967	0.8607
		Highest	3.0565	2.6394

**2.2 Overall Operational**  
**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.4138	0.0331	1.3492	1.8000e-004		8.8100e-003	8.8100e-003		8.8100e-003	8.8100e-003	0.0000	22.6409	22.6409	2.5700e-003	3.7000e-004	22.8168
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	480.0777	480.0777	0.0355	0.0117	484.4624
Mobile	2.5370	13.0376	23.8954	0.0932	7.1950	0.0672	7.2621	1.9278	0.0626	1.9904	0.0000	8,584.9383	8,584.9383	0.3621	0.0000	8,593.9898
Offroad	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
Waste						0.0000	0.0000		0.0000	0.0000	186.2320	0.0000	186.2320	11.0060	0.0000	461.3820
Water						0.0000	0.0000		0.0000	0.0000	8.0860	14.9931	23.0791	0.8331	0.0201	49.9059
<b>Total</b>	<b>5.0939</b>	<b>14.3866</b>	<b>26.6220</b>	<b>0.0967</b>	<b>7.1950</b>	<b>0.1622</b>	<b>7.3572</b>	<b>1.9278</b>	<b>0.1525</b>	<b>2.0802</b>	<b>194.3180</b>	<b>9,249.6989</b>	<b>9,444.0170</b>	<b>12.2868</b>	<b>0.0322</b>	<b>9,760.7948</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	tons/yr										MT/yr					
Area	2.3920	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
Energy	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	477.7567	477.7567	0.0351	0.0117	482.1073
Mobile	2.0720	10.2236	14.0255	0.0439	2.7074	0.0321	2.7395	0.7254	0.0299	0.7553	0.0000	4,060.5587	4,060.5587	0.2399	0.0000	4,066.5559
Offroad	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
Waste						0.0000	0.0000		0.0000	0.0000	46.5580	0.0000	46.5580	2.7515	0.0000	115.3455
Water						0.0000	0.0000		0.0000	0.0000	6.4688	12.5916	19.0604	0.6665	0.0161	40.5307
<b>Total</b>	<b>4.6070</b>	<b>11.5517</b>	<b>16.4190</b>	<b>0.0473</b>	<b>2.7074</b>	<b>0.1238</b>	<b>2.8313</b>	<b>0.7254</b>	<b>0.1164</b>	<b>0.8418</b>	<b>53.0268</b>	<b>4,699.4873</b>	<b>4,752.5141</b>	<b>3.7418</b>	<b>0.0278</b>	<b>4,854.3368</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>9.56</b>	<b>19.71</b>	<b>38.33</b>	<b>51.06</b>	<b>62.37</b>	<b>23.66</b>	<b>61.52</b>	<b>62.37</b>	<b>23.67</b>	<b>59.53</b>	<b>72.71</b>	<b>49.19</b>	<b>49.68</b>	<b>69.55</b>	<b>13.83</b>	<b>50.27</b>

**2.3 Vegetation**

**Vegetation**

	CO2e
Category	MT
Vegetation Land Change	-172.8310
<b>Total</b>	<b>-172.8310</b>

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	
2	Site Preparation	Site Preparation	9/1/2020	9/15/2020	5	11	
3	Grading	Grading	9/16/2020	10/30/2020	5	33	
4	Trenching/Utility Work	Trenching	10/31/2020	10/1/2021	5	240	
5	Paving	Paving	10/2/2021	11/3/2021	5	23	
6	Building Construction	Building Construction	11/4/2021	11/1/2023	5	520	
7	Architectural Coating	Architectural Coating	5/1/2023	11/16/2023	5	144	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 214.5**

**Acres of Paving: 17.52**

**Residential Indoor: 648,810; Residential Outdoor: 216,270; Non-Residential Indoor: 279,560; Non-Residential Outdoor: 93,187; Striped**

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41



Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	5	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Trenching/Utility Work	Excavators	1	8.00	158	0.38
Trenching/Utility Work	Rubber Tired Loaders	1	8.00	203	0.36
Trenching/Utility Work	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Trenching/Utility Work	Trenchers	2	8.00	78	0.50
Paving	Pavers	3	8.00	130	0.42
Paving	Paving Equipment	3	8.00	132	0.36
Paving	Rollers	3	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	5	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	3	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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	11	28.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	18	45.00	0.00	625.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching/Utility Work	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	551.00	216.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	110.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT





**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0994	0.0000	0.0994	0.0546	0.0000	0.0546	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0270	0.2796	0.1685	2.8000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	24.3896	24.3896	7.8900e-003	0.0000	24.5868
<b>Total</b>	<b>0.0270</b>	<b>0.2796</b>	<b>0.1685</b>	<b>2.8000e-004</b>	<b>0.0994</b>	<b>0.0150</b>	<b>0.1144</b>	<b>0.0546</b>	<b>0.0138</b>	<b>0.0684</b>	<b>0.0000</b>	<b>24.3896</b>	<b>24.3896</b>	<b>7.8900e-003</b>	<b>0.0000</b>	<b>24.5868</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.1200e-003	7.9000e-004	7.7500e-003	2.0000e-005	4.5600e-003	2.0000e-005	4.5800e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	2.2248	2.2248	6.0000e-005	0.0000	2.2262
<b>Total</b>	<b>1.1200e-003</b>	<b>7.9000e-004</b>	<b>7.7500e-003</b>	<b>2.0000e-005</b>	<b>4.5600e-003</b>	<b>2.0000e-005</b>	<b>4.5800e-003</b>	<b>1.1700e-003</b>	<b>2.0000e-005</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>2.2248</b>	<b>2.2248</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.2262</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	tons/yr										MT/yr					
Fugitive Dust					0.0425	0.0000	0.0425	0.0234	0.0000	0.0234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-003	0.0147	0.1663	2.8000e-004		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	24.3896	24.3896	7.8900e-003	0.0000	24.5868
<b>Total</b>	<b>3.4000e-003</b>	<b>0.0147</b>	<b>0.1663</b>	<b>2.8000e-004</b>	<b>0.0425</b>	<b>4.5000e-004</b>	<b>0.0429</b>	<b>0.0234</b>	<b>4.5000e-004</b>	<b>0.0238</b>	<b>0.0000</b>	<b>24.3896</b>	<b>24.3896</b>	<b>7.8900e-003</b>	<b>0.0000</b>	<b>24.5868</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.1200e-003	7.9000e-004	7.7500e-003	2.0000e-005	4.3100e-003	2.0000e-005	4.3200e-003	1.1100e-003	2.0000e-005	1.1200e-003	0.0000	2.2248	2.2248	6.0000e-005	0.0000	2.2262
<b>Total</b>	<b>1.1200e-003</b>	<b>7.9000e-004</b>	<b>7.7500e-003</b>	<b>2.0000e-005</b>	<b>4.3100e-003</b>	<b>2.0000e-005</b>	<b>4.3200e-003</b>	<b>1.1100e-003</b>	<b>2.0000e-005</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>2.2248</b>	<b>2.2248</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.2262</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3128	0.0000	0.3128	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1711	1.9548	1.2076	2.4100e-003		0.0826	0.0826		0.0760	0.0760	0.0000	211.3778	211.3778	0.0684	0.0000	213.0869
<b>Total</b>	<b>0.1711</b>	<b>1.9548</b>	<b>1.2076</b>	<b>2.4100e-003</b>	<b>0.3128</b>	<b>0.0826</b>	<b>0.3954</b>	<b>0.1216</b>	<b>0.0760</b>	<b>0.1976</b>	<b>0.0000</b>	<b>211.3778</b>	<b>211.3778</b>	<b>0.0684</b>	<b>0.0000</b>	<b>213.0869</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5800e-003	0.0865	0.0149	2.5000e-004	5.3200e-003	3.0000e-004	5.6200e-003	1.4600e-003	2.9000e-004	1.7500e-003	0.0000	23.9688	23.9688	9.4000e-004	0.0000	23.9923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-003	1.9000e-003	0.0187	6.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	5.3634	5.3634	1.3000e-004	0.0000	5.3668
<b>Total</b>	<b>5.2800e-003</b>	<b>0.0884</b>	<b>0.0336</b>	<b>3.1000e-004</b>	<b>0.0112</b>	<b>3.4000e-004</b>	<b>0.0116</b>	<b>3.0300e-003</b>	<b>3.3000e-004</b>	<b>3.3600e-003</b>	<b>0.0000</b>	<b>29.3322</b>	<b>29.3322</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>29.3590</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	tons/yr										MT/yr					
Fugitive Dust					0.1337	0.0000	0.1337	0.0520	0.0000	0.0520	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0296	0.1280	1.2508	2.4100e-003		3.9400e-003	3.9400e-003		3.9400e-003	3.9400e-003	0.0000	211.3776	211.3776	0.0684	0.0000	213.0867
<b>Total</b>	<b>0.0296</b>	<b>0.1280</b>	<b>1.2508</b>	<b>2.4100e-003</b>	<b>0.1337</b>	<b>3.9400e-003</b>	<b>0.1376</b>	<b>0.0520</b>	<b>3.9400e-003</b>	<b>0.0559</b>	<b>0.0000</b>	<b>211.3776</b>	<b>211.3776</b>	<b>0.0684</b>	<b>0.0000</b>	<b>213.0867</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5800e-003	0.0865	0.0149	2.5000e-004	5.0800e-003	3.0000e-004	5.3800e-003	1.4000e-003	2.9000e-004	1.6900e-003	0.0000	23.9688	23.9688	9.4000e-004	0.0000	23.9923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-003	1.9000e-003	0.0187	6.0000e-005	5.5900e-003	4.0000e-005	5.6300e-003	1.4900e-003	4.0000e-005	1.5300e-003	0.0000	5.3634	5.3634	1.3000e-004	0.0000	5.3668
<b>Total</b>	<b>5.2800e-003</b>	<b>0.0884</b>	<b>0.0336</b>	<b>3.1000e-004</b>	<b>0.0107</b>	<b>3.4000e-004</b>	<b>0.0110</b>	<b>2.8900e-003</b>	<b>3.3000e-004</b>	<b>3.2200e-003</b>	<b>0.0000</b>	<b>29.3322</b>	<b>29.3322</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>29.3590</b>

**3.5 Trenching/Utility Work - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0413	0.4098	0.3242	5.4000e-004		0.0242	0.0242		0.0222	0.0222	0.0000	47.1098	47.1098	0.0152	0.0000	47.4907
<b>Total</b>	<b>0.0413</b>	<b>0.4098</b>	<b>0.3242</b>	<b>5.4000e-004</b>		<b>0.0242</b>	<b>0.0242</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>47.1098</b>	<b>47.1098</b>	<b>0.0152</b>	<b>0.0000</b>	<b>47.4907</b>



**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.2000e-003	8.4000e-004	8.3000e-003	3.0000e-005	2.6200e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.3837	2.3837	6.0000e-005	0.0000	2.3852
<b>Total</b>	<b>1.2000e-003</b>	<b>8.4000e-004</b>	<b>8.3000e-003</b>	<b>3.0000e-005</b>	<b>2.6200e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.3837</b>	<b>2.3837</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3852</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	tons/yr										MT/yr					
Off-Road	0.0232	0.1877	0.3676	5.4000e-004		0.0131	0.0131		0.0121	0.0121	0.0000	47.1098	47.1098	0.0152	0.0000	47.4907
<b>Total</b>	<b>0.0232</b>	<b>0.1877</b>	<b>0.3676</b>	<b>5.4000e-004</b>		<b>0.0131</b>	<b>0.0131</b>		<b>0.0121</b>	<b>0.0121</b>	<b>0.0000</b>	<b>47.1098</b>	<b>47.1098</b>	<b>0.0152</b>	<b>0.0000</b>	<b>47.4907</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.2000e-003	8.4000e-004	8.3000e-003	3.0000e-005	2.4800e-003	2.0000e-005	2.5000e-003	6.6000e-004	2.0000e-005	6.8000e-004	0.0000	2.3837	2.3837	6.0000e-005	0.0000	2.3852
<b>Total</b>	<b>1.2000e-003</b>	<b>8.4000e-004</b>	<b>8.3000e-003</b>	<b>3.0000e-005</b>	<b>2.4800e-003</b>	<b>2.0000e-005</b>	<b>2.5000e-003</b>	<b>6.6000e-004</b>	<b>2.0000e-005</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3837</b>	<b>2.3837</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3852</b>

**3.5 Trenching/Utility Work - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1677	1.6496	1.4312	2.3900e-003		0.0948	0.0948		0.0872	0.0872	0.0000	209.9082	209.9082	0.0679	0.0000	211.6054
<b>Total</b>	<b>0.1677</b>	<b>1.6496</b>	<b>1.4312</b>	<b>2.3900e-003</b>		<b>0.0948</b>	<b>0.0948</b>		<b>0.0872</b>	<b>0.0872</b>	<b>0.0000</b>	<b>209.9082</b>	<b>209.9082</b>	<b>0.0679</b>	<b>0.0000</b>	<b>211.6054</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	4.9500e-003	3.3500e-003	0.0337	1.1000e-004	0.0117	8.0000e-005	0.0118	3.1000e-003	7.0000e-005	3.1800e-003	0.0000	10.2431	10.2431	2.4000e-004	0.0000	10.2490
<b>Total</b>	<b>4.9500e-003</b>	<b>3.3500e-003</b>	<b>0.0337</b>	<b>1.1000e-004</b>	<b>0.0117</b>	<b>8.0000e-005</b>	<b>0.0118</b>	<b>3.1000e-003</b>	<b>7.0000e-005</b>	<b>3.1800e-003</b>	<b>0.0000</b>	<b>10.2431</b>	<b>10.2431</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>10.2490</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	tons/yr										MT/yr					
Off-Road	0.0962	0.7805	1.6317	2.3900e-003		0.0528	0.0528		0.0488	0.0488	0.0000	209.9080	209.9080	0.0679	0.0000	211.6052
<b>Total</b>	<b>0.0962</b>	<b>0.7805</b>	<b>1.6317</b>	<b>2.3900e-003</b>		<b>0.0528</b>	<b>0.0528</b>		<b>0.0488</b>	<b>0.0488</b>	<b>0.0000</b>	<b>209.9080</b>	<b>209.9080</b>	<b>0.0679</b>	<b>0.0000</b>	<b>211.6052</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	4.9500e-003	3.3500e-003	0.0337	1.1000e-004	0.0111	8.0000e-005	0.0112	2.9600e-003	7.0000e-005	3.0300e-003	0.0000	10.2431	10.2431	2.4000e-004	0.0000	10.2490
<b>Total</b>	<b>4.9500e-003</b>	<b>3.3500e-003</b>	<b>0.0337</b>	<b>1.1000e-004</b>	<b>0.0111</b>	<b>8.0000e-005</b>	<b>0.0112</b>	<b>2.9600e-003</b>	<b>7.0000e-005</b>	<b>3.0300e-003</b>	<b>0.0000</b>	<b>10.2431</b>	<b>10.2431</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>10.2490</b>

**3.6 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2229	0.2528	3.9000e-004		0.0117	0.0117		0.0108	0.0108	0.0000	34.5405	34.5405	0.0112	0.0000	34.8198
Paving	0.0230					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0446</b>	<b>0.2229</b>	<b>0.2528</b>	<b>3.9000e-004</b>		<b>0.0117</b>	<b>0.0117</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>34.5405</b>	<b>34.5405</b>	<b>0.0112</b>	<b>0.0000</b>	<b>34.8198</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7800e-003	1.2100e-003	0.0121	4.0000e-005	7.8300e-003	3.0000e-005	7.8600e-003	2.0100e-003	3.0000e-005	2.0300e-003	0.0000	3.6861	3.6861	9.0000e-005	0.0000	3.6883
<b>Total</b>	<b>1.7800e-003</b>	<b>1.2100e-003</b>	<b>0.0121</b>	<b>4.0000e-005</b>	<b>7.8300e-003</b>	<b>3.0000e-005</b>	<b>7.8600e-003</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>0.0000</b>	<b>3.6861</b>	<b>3.6861</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.6883</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	tons/yr										MT/yr					
Off-Road	4.8400e-003	0.0210	0.2984	3.9000e-004		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	34.5405	34.5405	0.0112	0.0000	34.8197
Paving	0.0230					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0278</b>	<b>0.0210</b>	<b>0.2984</b>	<b>3.9000e-004</b>		<b>6.5000e-004</b>	<b>6.5000e-004</b>		<b>6.5000e-004</b>	<b>6.5000e-004</b>	<b>0.0000</b>	<b>34.5405</b>	<b>34.5405</b>	<b>0.0112</b>	<b>0.0000</b>	<b>34.8197</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7800e-003	1.2100e-003	0.0121	4.0000e-005	7.4000e-003	3.0000e-005	7.4300e-003	1.9000e-003	3.0000e-005	1.9300e-003	0.0000	3.6861	3.6861	9.0000e-005	0.0000	3.6883
<b>Total</b>	<b>1.7800e-003</b>	<b>1.2100e-003</b>	<b>0.0121</b>	<b>4.0000e-005</b>	<b>7.4000e-003</b>	<b>3.0000e-005</b>	<b>7.4300e-003</b>	<b>1.9000e-003</b>	<b>3.0000e-005</b>	<b>1.9300e-003</b>	<b>0.0000</b>	<b>3.6861</b>	<b>3.6861</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.6883</b>

**3.7 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0543	0.5022	0.5085	8.2000e-004		0.0278	0.0278		0.0262	0.0262	0.0000	70.5449	70.5449	0.0156	0.0000	70.9346
<b>Total</b>	<b>0.0543</b>	<b>0.5022</b>	<b>0.5085</b>	<b>8.2000e-004</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0262</b>	<b>0.0262</b>	<b>0.0000</b>	<b>70.5449</b>	<b>70.5449</b>	<b>0.0156</b>	<b>0.0000</b>	<b>70.9346</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.4656	0.1276	1.2900e-003	0.0299	1.1400e-003	0.0311	8.6500e-003	1.0900e-003	9.7400e-003	0.0000	122.4332	122.4332	6.2300e-003	0.0000	122.5891
Worker	0.0389	0.0264	0.2649	8.9000e-004	0.0919	6.2000e-004	0.0925	0.0244	5.7000e-004	0.0250	0.0000	80.6278	80.6278	1.8700e-003	0.0000	80.6745
<b>Total</b>	<b>0.0557</b>	<b>0.4920</b>	<b>0.3925</b>	<b>2.1800e-003</b>	<b>0.1218</b>	<b>1.7600e-003</b>	<b>0.1236</b>	<b>0.0331</b>	<b>1.6600e-003</b>	<b>0.0348</b>	<b>0.0000</b>	<b>203.0610</b>	<b>203.0610</b>	<b>8.1000e-003</b>	<b>0.0000</b>	<b>203.2636</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	tons/yr										MT/yr					
Off-Road	0.0274	0.1906	0.5270	8.2000e-004		9.4000e-003	9.4000e-003		9.4000e-003	9.4000e-003	0.0000	70.5448	70.5448	0.0156	0.0000	70.9345
<b>Total</b>	<b>0.0274</b>	<b>0.1906</b>	<b>0.5270</b>	<b>8.2000e-004</b>		<b>9.4000e-003</b>	<b>9.4000e-003</b>		<b>9.4000e-003</b>	<b>9.4000e-003</b>	<b>0.0000</b>	<b>70.5448</b>	<b>70.5448</b>	<b>0.0156</b>	<b>0.0000</b>	<b>70.9345</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0168	0.4656	0.1276	1.2900e-003	0.0286	1.1400e-003	0.0298	8.3400e-003	1.0900e-003	9.4300e-003	0.0000	122.4332	122.4332	6.2300e-003	0.0000	122.5891
Worker	0.0389	0.0264	0.2649	8.9000e-004	0.0871	6.2000e-004	0.0877	0.0233	5.7000e-004	0.0238	0.0000	80.6278	80.6278	1.8700e-003	0.0000	80.6745
<b>Total</b>	<b>0.0557</b>	<b>0.4920</b>	<b>0.3925</b>	<b>2.1800e-003</b>	<b>0.1158</b>	<b>1.7600e-003</b>	<b>0.1175</b>	<b>0.0316</b>	<b>1.6600e-003</b>	<b>0.0333</b>	<b>0.0000</b>	<b>203.0610</b>	<b>203.0610</b>	<b>8.1000e-003</b>	<b>0.0000</b>	<b>203.2636</b>

**3.7 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3022	2.7919	3.1143	5.0600e-003		0.1448	0.1448		0.1369	0.1369	0.0000	436.8909	436.8909	0.0958	0.0000	439.2850
<b>Total</b>	<b>0.3022</b>	<b>2.7919</b>	<b>3.1143</b>	<b>5.0600e-003</b>		<b>0.1448</b>	<b>0.1448</b>		<b>0.1369</b>	<b>0.1369</b>	<b>0.0000</b>	<b>436.8909</b>	<b>436.8909</b>	<b>0.0958</b>	<b>0.0000</b>	<b>439.2850</b>



**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0962	2.7160	0.7263	7.9100e-003	0.1851	6.1200e-003	0.1912	0.0535	5.8500e-003	0.0594	0.0000	750.9331	750.9331	0.0365	0.0000	751.8457
Worker	0.2242	0.1464	1.4998	5.3100e-003	0.5688	3.7500e-003	0.5726	0.1513	3.4500e-003	0.1547	0.0000	480.6763	480.6763	0.0104	0.0000	480.9353
<b>Total</b>	<b>0.3204</b>	<b>2.8624</b>	<b>2.2262</b>	<b>0.0132</b>	<b>0.7539</b>	<b>9.8700e-003</b>	<b>0.7638</b>	<b>0.2048</b>	<b>9.3000e-003</b>	<b>0.2141</b>	<b>0.0000</b>	<b>1,231.6094</b>	<b>1,231.6094</b>	<b>0.0469</b>	<b>0.0000</b>	<b>1,232.7810</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	tons/yr										MT/yr					
Off-Road	0.1588	1.1119	3.2569	5.0600e-003		0.0514	0.0514		0.0514	0.0514	0.0000	436.8903	436.8903	0.0958	0.0000	439.2845
<b>Total</b>	<b>0.1588</b>	<b>1.1119</b>	<b>3.2569</b>	<b>5.0600e-003</b>		<b>0.0514</b>	<b>0.0514</b>		<b>0.0514</b>	<b>0.0514</b>	<b>0.0000</b>	<b>436.8903</b>	<b>436.8903</b>	<b>0.0958</b>	<b>0.0000</b>	<b>439.2845</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0962	2.7160	0.7263	7.9100e-003	0.1773	6.1200e-003	0.1834	0.0516	5.8500e-003	0.0575	0.0000	750.9331	750.9331	0.0365	0.0000	751.8457
Worker	0.2242	0.1464	1.4998	5.3100e-003	0.5393	3.7500e-003	0.5431	0.1440	3.4500e-003	0.1475	0.0000	480.6763	480.6763	0.0104	0.0000	480.9353
<b>Total</b>	<b>0.3204</b>	<b>2.8624</b>	<b>2.2262</b>	<b>0.0132</b>	<b>0.7166</b>	<b>9.8700e-003</b>	<b>0.7265</b>	<b>0.1956</b>	<b>9.3000e-003</b>	<b>0.2049</b>	<b>0.0000</b>	<b>1,231.6094</b>	<b>1,231.6094</b>	<b>0.0469</b>	<b>0.0000</b>	<b>1,232.7810</b>

### 3.7 Building Construction - 2023

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2336	2.1569	2.5962	4.2500e-003		0.1047	0.1047		0.0991	0.0991	0.0000	366.4612	366.4612	0.0797	0.0000	368.4536
<b>Total</b>	<b>0.2336</b>	<b>2.1569</b>	<b>2.5962</b>	<b>4.2500e-003</b>		<b>0.1047</b>	<b>0.1047</b>		<b>0.0991</b>	<b>0.0991</b>	<b>0.0000</b>	<b>366.4612</b>	<b>366.4612</b>	<b>0.0797</b>	<b>0.0000</b>	<b>368.4536</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0607	1.7443	0.5271	6.4700e-003	0.1552	1.9000e-003	0.1571	0.0449	1.8100e-003	0.0467	0.0000	614.8309	614.8309	0.0221	0.0000	615.3823
Worker	0.1753	0.1102	1.1519	4.2800e-003	0.4769	3.0700e-003	0.4800	0.1268	2.8300e-003	0.1297	0.0000	387.4861	387.4861	7.7800e-003	0.0000	387.6807
<b>Total</b>	<b>0.2360</b>	<b>1.8545</b>	<b>1.6790</b>	<b>0.0108</b>	<b>0.6321</b>	<b>4.9700e-003</b>	<b>0.6371</b>	<b>0.1717</b>	<b>4.6400e-003</b>	<b>0.1764</b>	<b>0.0000</b>	<b>1,002.3170</b>	<b>1,002.3170</b>	<b>0.0298</b>	<b>0.0000</b>	<b>1,003.0629</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	tons/yr										MT/yr					
Off-Road	0.1255	0.8813	2.7274	4.2500e-003		0.0381	0.0381		0.0381	0.0381	0.0000	366.4608	366.4608	0.0797	0.0000	368.4532
<b>Total</b>	<b>0.1255</b>	<b>0.8813</b>	<b>2.7274</b>	<b>4.2500e-003</b>		<b>0.0381</b>	<b>0.0381</b>		<b>0.0381</b>	<b>0.0381</b>	<b>0.0000</b>	<b>366.4608</b>	<b>366.4608</b>	<b>0.0797</b>	<b>0.0000</b>	<b>368.4532</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0607	1.7443	0.5271	6.4700e-003	0.1487	1.9000e-003	0.1506	0.0433	1.8100e-003	0.0451	0.0000	614.8309	614.8309	0.0221	0.0000	615.3823
Worker	0.1753	0.1102	1.1519	4.2800e-003	0.4522	3.0700e-003	0.4553	0.1208	2.8300e-003	0.1236	0.0000	387.4861	387.4861	7.7800e-003	0.0000	387.6807
<b>Total</b>	<b>0.2360</b>	<b>1.8545</b>	<b>1.6790</b>	<b>0.0108</b>	<b>0.6009</b>	<b>4.9700e-003</b>	<b>0.6058</b>	<b>0.1640</b>	<b>4.6400e-003</b>	<b>0.1687</b>	<b>0.0000</b>	<b>1,002.3170</b>	<b>1,002.3170</b>	<b>0.0298</b>	<b>0.0000</b>	<b>1,003.0629</b>

**3.8 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0414	0.2815	0.3912	6.4000e-004		0.0153	0.0153		0.0153	0.0153	0.0000	55.1503	55.1503	3.3000e-003	0.0000	55.2328
<b>Total</b>	<b>3.4292</b>	<b>0.2815</b>	<b>0.3912</b>	<b>6.4000e-004</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>55.1503</b>	<b>55.1503</b>	<b>3.3000e-003</b>	<b>0.0000</b>	<b>55.2328</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0231	0.0145	0.1519	5.6000e-004	0.0629	4.1000e-004	0.0633	0.0167	3.7000e-004	0.0171	0.0000	51.0979	51.0979	1.0300e-003	0.0000	51.1236
<b>Total</b>	<b>0.0231</b>	<b>0.0145</b>	<b>0.1519</b>	<b>5.6000e-004</b>	<b>0.0629</b>	<b>4.1000e-004</b>	<b>0.0633</b>	<b>0.0167</b>	<b>3.7000e-004</b>	<b>0.0171</b>	<b>0.0000</b>	<b>51.0979</b>	<b>51.0979</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>51.1236</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	tons/yr										MT/yr					
Archit. Coating	3.3878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0414	0.2815	0.3912	6.4000e-004		0.0153	0.0153		0.0153	0.0153	0.0000	55.1502	55.1502	3.3000e-003	0.0000	55.2327
<b>Total</b>	<b>3.4292</b>	<b>0.2815</b>	<b>0.3912</b>	<b>6.4000e-004</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>55.1502</b>	<b>55.1502</b>	<b>3.3000e-003</b>	<b>0.0000</b>	<b>55.2327</b>

## Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0231	0.0145	0.1519	5.6000e-004	0.0596	4.1000e-004	0.0600	0.0159	3.7000e-004	0.0163	0.0000	51.0979	51.0979	1.0300e-003	0.0000	51.1236
<b>Total</b>	<b>0.0231</b>	<b>0.0145</b>	<b>0.1519</b>	<b>5.6000e-004</b>	<b>0.0596</b>	<b>4.1000e-004</b>	<b>0.0600</b>	<b>0.0159</b>	<b>3.7000e-004</b>	<b>0.0163</b>	<b>0.0000</b>	<b>51.0979</b>	<b>51.0979</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>51.1236</b>

## 4.0 Operational Detail - Mobile

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### 4.1 Mitigation Measures Mobile

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

Provide Traffic Calming Measures

Expand Transit Network

Implement Trip Reduction Program

Transit Subsidy

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.0720	10.2236	14.0255	0.0439	2.7074	0.0321	2.7395	0.7254	0.0299	0.7553	0.0000	4,060.5587	4,060.5587	0.2399	0.0000	4,066.5559
Unmitigated	2.5370	13.0376	23.8954	0.0932	7.1950	0.0672	7.2621	1.9278	0.0626	1.9904	0.0000	8,584.9383	8,584.9383	0.3621	0.0000	8,593.9898

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Discount Club	8,098.41	8,570.05	7906.72	13,372,830	4,947,177
Gasoline/Service Station	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	1,691.00	1,691.00	1691.00	3,905,546	1,578,683
Strip Mall	1,280.10	1,280.10	1280.10	1,971,396	717,763
Total	11,069.51	11,541.15	10,877.82	19,249,772	7,243,623

#### 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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Discount Club	9.50	7.30	10.00	16.70	64.30	19.00	45	40	15
Gasoline/Service Station	9.50	7.30	7.30	2.00	79.00	19.00	14	27	59
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Discount Club	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Gasoline/Service Station	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Parking Lot	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Single Family Housing	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935
Strip Mall	0.592363	0.035341	0.174580	0.107742	0.017073	0.005230	0.009387	0.045083	0.003280	0.002110	0.006266	0.000612	0.000935

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	172.6773	172.6773	0.0293	6.0600e-003	175.2149
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	174.9983	174.9983	0.0297	6.1400e-003	177.5700
NaturalGas Mitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924
NaturalGas Unmitigated	0.0308	0.2650	0.1238	1.6800e-003		0.0213	0.0213		0.0213	0.0213	0.0000	305.0794	305.0794	5.8500e-003	5.5900e-003	306.8924



## 5.2 Energy by Land Use - Natural Gas

### Unmitigated

	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	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Discount Club	360567	1.9400e-003	0.0177	0.0149	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2412	19.2412	3.7000e-004	3.5000e-004	19.3556
Gasoline/Service Station	111719	6.0000e-004	5.4800e-003	4.6000e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9618	5.9618	1.1000e-004	1.1000e-004	5.9972
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.17359e+006	0.0279	0.2384	0.1014	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.0823	276.0823	5.2900e-003	5.0600e-003	277.7229
Strip Mall	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
<b>Total</b>		<b>0.0308</b>	<b>0.2650</b>	<b>0.1238</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>	<b>0.0000</b>	<b>305.0794</b>	<b>305.0794</b>	<b>5.8400e-003</b>	<b>5.5900e-003</b>	<b>306.8924</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	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Discount Club	360567	1.9400e-003	0.0177	0.0149	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2412	19.2412	3.7000e-004	3.5000e-004	19.3556
Gasoline/Service Station	111719	6.0000e-004	5.4800e-003	4.6000e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9618	5.9618	1.1000e-004	1.1000e-004	5.9972
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	5.17359e+006	0.0279	0.2384	0.1014	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.0823	276.0823	5.2900e-003	5.0600e-003	277.7229
Strip Mall	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
<b>Total</b>		<b>0.0308</b>	<b>0.2650</b>	<b>0.1238</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>	<b>0.0000</b>	<b>305.0794</b>	<b>305.0794</b>	<b>5.8400e-003</b>	<b>5.5900e-003</b>	<b>306.8924</b>

## 5.3 Energy by Land Use - Electricity

### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	1.13799e+006	88.2676	0.0150	3.1000e-003	89.5647
Gasoline/Service Station	24520.7	1.9019	3.2000e-004	7.0000e-005	1.9299
Parking Lot	192400	14.9234	2.5300e-003	5.2000e-004	15.1427
Single Family Housing	676857	52.5000	8.9000e-003	1.8400e-003	53.2715

Strip Mall	224400	17.4054	2.9500e-003	6.1000e-004	17.6612
<b>Total</b>		<b>174.9983</b>	<b>0.0297</b>	<b>6.1400e-003</b>	<b>177.5700</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	1.13799e+006	88.2676	0.0150	3.1000e-003	89.5647
Gasoline/Service Station	24520.7	1.9019	3.2000e-004	7.0000e-005	1.9299
Parking Lot	192400	14.9234	2.5300e-003	5.2000e-004	15.1427
Single Family Housing	646934	50.1790	8.5100e-003	1.7600e-003	50.9164
Strip Mall	224400	17.4054	2.9500e-003	6.1000e-004	17.6612
<b>Total</b>		<b>172.6773</b>	<b>0.0293</b>	<b>6.0600e-003</b>	<b>175.2149</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3920	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
Unmitigated	2.4138	0.0331	1.3492	1.8000e-004		8.8100e-003	8.8100e-003		8.8100e-003	8.8100e-003	0.0000	22.6409	22.6409	2.5700e-003	3.7000e-004	22.8168

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.0700e-003	0.0177	7.5100e-003	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.4437	20.4437	3.9000e-004	3.7000e-004	20.5652
Landscaping	0.0417	0.0154	1.3416	7.0000e-005		7.3900e-003	7.3900e-003		7.3900e-003	7.3900e-003	0.0000	2.1972	2.1972	2.1800e-003	0.0000	2.2516
<b>Total</b>	<b>2.4138</b>	<b>0.0331</b>	<b>1.3492</b>	<b>1.8000e-004</b>		<b>8.8200e-003</b>	<b>8.8200e-003</b>		<b>8.8200e-003</b>	<b>8.8200e-003</b>	<b>0.0000</b>	<b>22.6409</b>	<b>22.6409</b>	<b>2.5700e-003</b>	<b>3.7000e-004</b>	<b>22.8168</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	tons/yr										MT/yr					
Architectural Coating	0.3388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0219	0.0122	1.0161	5.0000e-005		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	1.5313	1.5313	1.1300e-003	0.0000	1.5596
<b>Total</b>	<b>2.3920</b>	<b>0.0122</b>	<b>1.0161</b>	<b>5.0000e-005</b>		<b>5.4800e-003</b>	<b>5.4800e-003</b>		<b>5.4800e-003</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>1.5313</b>	<b>1.5313</b>	<b>1.1300e-003</b>	<b>0.0000</b>	<b>1.5596</b>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.0604	0.6665	0.0161	40.5307
Unmitigated	23.0791	0.8331	0.0201	49.9059

# 7.2 Water by Land Use

## Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	11.2694 / 6.90705	10.1801	0.3683	8.9000e-003	22.0414
Gasoline/Service Station	0.398457 / 0.244215	0.3599	0.0130	3.1000e-004	0.7793
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	11.5974 / 7.31141	10.5316	0.3791	9.1600e-003	22.7390
Strip Mall	2.22218 / 1.36198	2.0074	0.0726	1.7600e-003	4.3463
<b>Total</b>		<b>23.0791</b>	<b>0.8330</b>	<b>0.0201</b>	<b>49.9060</b>

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Discount Club	9.01551 / 6.48572	8.4047	0.2947	7.1300e-003	17.8976
Gasoline/Service Station	0.318765 / 0.229318	0.2972	0.0104	2.5000e-004	0.6328
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.27793 / 6.86542	8.7012	0.3033	7.3400e-003	18.4711
Strip Mall	1.77774 / 1.2789	1.6573	0.0581	1.4100e-003	3.5292
<b>Total</b>		<b>19.0604</b>	<b>0.6665</b>	<b>0.0161</b>	<b>40.5307</b>



## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.5580	2.7515	0.0000	115.3455
Unmitigated	186.2320	11.0060	0.0000	461.3820

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	654.31	132.8190	7.8494	0.0000	329.0535
Gasoline/Service Station	16.17	3.2824	0.1940	0.0000	8.1319
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	215.46	43.7364	2.5848	0.0000	108.3552

Strip Mall	31.5	6.3942	0.3779	0.0000	15.8414
<b>Total</b>		<b>186.2320</b>	<b>11.0060</b>	<b>0.0000</b>	<b>461.3820</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Discount Club	163.577	33.2048	1.9623	0.0000	82.2634
Gasoline/Service Station	4.0425	0.8206	0.0485	0.0000	2.0330
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	53.865	10.9341	0.6462	0.0000	27.0888
Strip Mall	7.875	1.5986	0.0945	0.0000	3.9604
<b>Total</b>		<b>46.5580</b>	<b>2.7515</b>	<b>0.0000</b>	<b>115.3455</b>

## 9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	6	8.00	365	89	0.20	Electrical

### UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Forklifts	0.1123	1.0509	1.2536	1.6700e-003		0.0649	0.0649		0.0597	0.0597	0.0000	147.0490	147.0490	0.0476	0.0000	148.2380
<b>Total</b>	<b>0.1123</b>	<b>1.0509</b>	<b>1.2536</b>	<b>1.6700e-003</b>		<b>0.0649</b>	<b>0.0649</b>		<b>0.0597</b>	<b>0.0597</b>	<b>0.0000</b>	<b>147.0490</b>	<b>147.0490</b>	<b>0.0476</b>	<b>0.0000</b>	<b>148.2380</b>

## 10.0 Stationary Equipment

### Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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### 11.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-172.8310	0.0000	0.0000	-172.8310

### 11.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	51.3 / 11.2	-172.8310	0.0000	0.0000	-172.8310
<b>Total</b>		<b>-172.8310</b>	<b>0.0000</b>	<b>0.0000</b>	<b>-172.8310</b>

Refrigeration Unit PM10 Emissions	Size (hp)	Load Factor	On/Off Cycle Factor	Emissions Factor (g/bhp-hr)	Daily Trucks with TRU (veh/day)	Cooling Time (hr/veh)	Emissions (g/day)	Emission Rate (g/sec)
35 MPH Roadway Truck Traffic	34	0.53	0.5	0.02	10	4.46E-02	8.05E-02	9.31E-07
15 MPH Parking Lot Truck Traffic	34	0.53	0.5	0.02	10	3.15E-02	5.67E-02	6.57E-07
Loading Dock Idling	34	0.53	0.5	0.02	10	2.50E-01	4.51E-01	5.21E-06

Truck Route PM10 Emissions	Trips (veh/day)	Emission Factor (g/mi)	Length (mi/veh)	Emissions (g/day)	Emission Rate (g/sec)	TRU Emission Rate (g/sec)	Total Emission Rate (g/sec)	Directional Rate (g/sec)
35 MPH Roadway Truck Traffic	101	7.73E-03	1.56	1.22E+00	1.41E-05	9.31E-07	1.51E-05	7.53E-06
15 MPH Parking Lot Truck Traffic	101	1.44E-02	0.47	6.85E-01	7.93E-06	6.57E-07	8.58E-06	4.29E-06

Truck Loading PM10 Emissions	Trips (veh/day)	Emission Factor (g/sec/veh)	Duration (sec/veh)	Emissions (g/day)	Emission Rate (g/sec)	TRU Emission Rate (g/sec)	Total Emission Rate (g/sec)
Loading Dock Idling	10	7.57E-10	900	6.81E-06	7.89E-11	5.21E-06	5.21E-06

Gas Station Idling PM10 Emissions	Trips (veh/day)	Emission Factor (g/sec/veh)	Duration (sec/veh)	Emissions (g/day)	Emission Rate (g/sec)	Total Emission Rate (g/sec)
Total Gas Station Vehicles	3,371					
Truck Queue Idling	201	7.38E-10	900	1.34E-04	1.55E-09	1.65E-09
Fueling Truck Idling	14	7.38E-10	900	9.30E-06	1.08E-10	

Gas Station TOG Emissions	Trips (veh/day)	Emission Factor (g/sec/veh)	Duration (sec/veh)	Emissions (g/day)	Emission Rate (g/sec)
Auto Queue Idling	3,371	5.36E-08	900	1.63E-01	1.88E-06

TOG Emission Factors and Annual Emissions					
Emissions Source	TOG Emissions Factor (lb/1,000 gallon) <sup>1</sup>	Annual Gasoline Throughput (gallons/year)	TOG Annual Emissions (lbs/year)	Benzene Emission Rate (lbs/hr)	Benzene Emission Rate (g/s)
Fueling		36,000,000			
Non-ORVR Vehicles	0.42		15,120.0	0.005178082	6.52E-04
ORVR Vehicles	0.021		756.0	0.000258904	3.26E-05
Bulk Transfer Losses	0.15		5,400.0	0.001849315	2.33E-04
Pressure Driven Losses	0.024		864.0	0.00029589	3.73E-05
Gasoline Hose Losses	0.009		324.0	0.000110959	1.40E-05
<b>Total Transfer and Pressure Losses</b>			22,464.0	0.007693151	9.69E-04
Fueling - Spillage	0.24		8,640.0	0.009863014	1.24E-03
<b>Total Transfer/Pressure and Spillage</b>			31,104.0	0.017556164	2.21E-03

Freeway Segment	Truck ADT <sup>1</sup>	Weighted Emission Factor (g/mi) <sup>2</sup>	Length (mi)	g/day	g/sec	Future Growth	Directional
I-80	5,639	0.006887834	1.188	46.14250932	0.000534057	0.000587463	0.000293731

Notes:  
1. Caltrans Traffic Data Branch, 2016 Annual Average Daily Truck Traffic on the California State Highway System, <http://www.dot.ca.gov/trafficops/census/>  
2. California Air Resources Board, EMFAC 2017.

NorthgateVallejo\_HRA\_PM10\_012219.ADI

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\*\* AERMOD Input Produced by:

\*\* AERMOD View Ver. 9.8.3

\*\* Lakes Environmental Software Inc.

\*\* Date: 12/17/2019

\*\* File: C:\Lakes\AERMOD View\\_Fairview at

Northgate\NorthgateVallejo\_HRA\_PM10\NorthgateVallejo\_HRA\_PM10\_012219.ADI

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\*\* AERMOD Control Pathway

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CO STARTING

TITLEONE C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H

MODELOPT DFAULT CONC

AVERTIME 1 24 ANNUAL

URBANOPT 445458 Solano\_County

POLLUTID PM\_10

RUNORNOT RUN

ERRORFIL NorthgateVallejo\_HRA\_PM10\_012219.err

CO FINISHED

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\*\* AERMOD Source Pathway

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SO STARTING

\*\* Source Location \*\*

\*\* Source ID - Type - X Coord. - Y Coord. \*\*

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = NB\_TRUCK

\*\* DESCRSRC northbound truck route

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 7.53E-06

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 18

\*\* 567486.606, 4219551.714, 37.25, 3.70, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADI

\*\* 567504.229, 4219648.311, 41.43, 3.70, 1.67  
 \*\* 567510.096, 4219682.894, 41.36, 3.70, 1.67  
 \*\* 567518.501, 4219693.401, 41.60, 3.70, 1.67  
 \*\* 567535.311, 4219707.269, 42.73, 3.70, 1.67  
 \*\* 567552.542, 4219714.414, 42.29, 3.70, 1.67  
 \*\* 567625.667, 4219740.049, 37.42, 3.70, 1.67  
 \*\* 567651.723, 4219754.338, 36.62, 3.70, 1.67  
 \*\* 567663.490, 4219761.482, 36.30, 3.70, 1.67  
 \*\* 567673.457, 4219772.194, 35.90, 3.70, 1.67  
 \*\* 567676.813, 4219785.615, 36.20, 3.70, 1.67  
 \*\* 567673.457, 4219813.233, 35.70, 3.70, 1.67  
 \*\* 567668.295, 4219843.948, 34.61, 3.70, 1.67  
 \*\* 567653.349, 4219984.909, 30.63, 3.70, 1.67  
 \*\* 567657.799, 4220038.315, 31.08, 3.70, 1.67  
 \*\* 567661.755, 4220052.161, 31.08, 3.70, 1.67  
 \*\* 567709.344, 4220172.554, 30.64, 3.70, 1.67  
 \*\* 567855.180, 4220468.079, 39.93, 3.70, 1.67

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LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0050487	567486.929	4219553.484	37.38	
L0050488	567487.575	4219557.026	37.56	
L0050489	567488.221	4219560.567	37.86	
L0050490	567488.867	4219564.109	38.22	
L0050491	567489.513	4219567.651	38.60	
L0050492	567490.159	4219571.192	38.90	
L0050493	567490.805	4219574.734	39.19	
L0050494	567491.451	4219578.275	39.48	
L0050495	567492.098	4219581.817	39.71	
L0050496	567492.744	4219585.358	39.93	
L0050497	567493.390	4219588.900	40.17	
L0050498	567494.036	4219592.441	40.31	
L0050499	567494.682	4219595.983	40.45	
L0050500	567495.328	4219599.524	40.60	
L0050501	567495.974	4219603.066	40.73	
L0050502	567496.620	4219606.608	40.87	
L0050503	567497.266	4219610.149	40.98	
L0050504	567497.913	4219613.691	41.00	
L0050505	567498.559	4219617.232	41.02	
L0050506	567499.205	4219620.774	41.05	
L0050507	567499.851	4219624.315	41.10	
L0050508	567500.497	4219627.857	41.15	
L0050509	567501.143	4219631.398	41.20	
L0050510	567501.789	4219634.940	41.23	
L0050511	567502.435	4219638.481	41.26	
L0050512	567503.081	4219642.023	41.28	
L0050513	567503.727	4219645.565	41.30	
L0050514	567504.364	4219649.108	41.31	
L0050515	567504.966	4219652.657	41.32	
L0050516	567505.568	4219656.206	41.33	

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050517	VOLUME	567506.170	4219659.756	41.33
LOCATION L0050518	VOLUME	567506.772	4219663.305	41.34
LOCATION L0050519	VOLUME	567507.375	4219666.854	41.34
LOCATION L0050520	VOLUME	567507.977	4219670.404	41.34
LOCATION L0050521	VOLUME	567508.579	4219673.953	41.31
LOCATION L0050522	VOLUME	567509.181	4219677.502	41.26
LOCATION L0050523	VOLUME	567509.783	4219681.051	41.21
LOCATION L0050524	VOLUME	567511.177	4219684.246	41.26
LOCATION L0050525	VOLUME	567513.426	4219687.057	41.40
LOCATION L0050526	VOLUME	567515.675	4219689.868	41.52
LOCATION L0050527	VOLUME	567517.924	4219692.679	41.64
LOCATION L0050528	VOLUME	567520.565	4219695.104	41.80
LOCATION L0050529	VOLUME	567523.342	4219697.395	41.95
LOCATION L0050530	VOLUME	567526.119	4219699.686	42.10
LOCATION L0050531	VOLUME	567528.896	4219701.977	42.23
LOCATION L0050532	VOLUME	567531.673	4219704.268	42.30
LOCATION L0050533	VOLUME	567534.450	4219706.559	42.36
LOCATION L0050534	VOLUME	567537.605	4219708.220	42.44
LOCATION L0050535	VOLUME	567540.931	4219709.599	42.49
LOCATION L0050536	VOLUME	567544.256	4219710.978	42.50
LOCATION L0050537	VOLUME	567547.582	4219712.357	42.37
LOCATION L0050538	VOLUME	567550.907	4219713.736	42.10
LOCATION L0050539	VOLUME	567554.269	4219715.019	41.79
LOCATION L0050540	VOLUME	567557.667	4219716.210	41.50
LOCATION L0050541	VOLUME	567561.064	4219717.401	41.23
LOCATION L0050542	VOLUME	567564.461	4219718.592	40.95
LOCATION L0050543	VOLUME	567567.858	4219719.783	40.70
LOCATION L0050544	VOLUME	567571.256	4219720.974	40.47
LOCATION L0050545	VOLUME	567574.653	4219722.165	40.27
LOCATION L0050546	VOLUME	567578.050	4219723.356	40.10
LOCATION L0050547	VOLUME	567581.448	4219724.547	39.92
LOCATION L0050548	VOLUME	567584.845	4219725.738	39.76
LOCATION L0050549	VOLUME	567588.242	4219726.929	39.64
LOCATION L0050550	VOLUME	567591.639	4219728.120	39.52
LOCATION L0050551	VOLUME	567595.037	4219729.311	39.42
LOCATION L0050552	VOLUME	567598.434	4219730.502	39.32
LOCATION L0050553	VOLUME	567601.831	4219731.693	39.21
LOCATION L0050554	VOLUME	567605.229	4219732.884	39.09
LOCATION L0050555	VOLUME	567608.626	4219734.075	38.97
LOCATION L0050556	VOLUME	567612.023	4219735.266	38.71
LOCATION L0050557	VOLUME	567615.420	4219736.457	38.43
LOCATION L0050558	VOLUME	567618.818	4219737.648	38.11
LOCATION L0050559	VOLUME	567622.215	4219738.839	37.77
LOCATION L0050560	VOLUME	567625.612	4219740.030	37.48
LOCATION L0050561	VOLUME	567628.773	4219741.752	37.28
LOCATION L0050562	VOLUME	567631.929	4219743.483	37.13
LOCATION L0050563	VOLUME	567635.086	4219745.214	37.01
LOCATION L0050564	VOLUME	567638.242	4219746.945	36.91



NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050565	VOLUME	567641.399	4219748.676	36.81
LOCATION L0050566	VOLUME	567644.555	4219750.407	36.75
LOCATION L0050567	VOLUME	567647.712	4219752.138	36.68
LOCATION L0050568	VOLUME	567650.868	4219753.869	36.61
LOCATION L0050569	VOLUME	567653.967	4219755.701	36.55
LOCATION L0050570	VOLUME	567657.044	4219757.569	36.49
LOCATION L0050571	VOLUME	567660.121	4219759.437	36.43
LOCATION L0050572	VOLUME	567663.199	4219761.305	36.37
LOCATION L0050573	VOLUME	567665.710	4219763.868	36.27
LOCATION L0050574	VOLUME	567668.163	4219766.504	36.18
LOCATION L0050575	VOLUME	567670.615	4219769.139	36.07
LOCATION L0050576	VOLUME	567673.067	4219771.775	35.95
LOCATION L0050577	VOLUME	567674.192	4219775.131	35.82
LOCATION L0050578	VOLUME	567675.065	4219778.624	35.92
LOCATION L0050579	VOLUME	567675.938	4219782.116	36.06
LOCATION L0050580	VOLUME	567676.811	4219785.609	36.20
LOCATION L0050581	VOLUME	567676.379	4219789.182	36.19
LOCATION L0050582	VOLUME	567675.945	4219792.756	36.18
LOCATION L0050583	VOLUME	567675.511	4219796.330	36.18
LOCATION L0050584	VOLUME	567675.077	4219799.903	36.12
LOCATION L0050585	VOLUME	567674.643	4219803.477	36.05
LOCATION L0050586	VOLUME	567674.208	4219807.051	35.97
LOCATION L0050587	VOLUME	567673.774	4219810.624	35.84
LOCATION L0050588	VOLUME	567673.296	4219814.192	35.72
LOCATION L0050589	VOLUME	567672.699	4219817.742	35.60
LOCATION L0050590	VOLUME	567672.103	4219821.292	35.48
LOCATION L0050591	VOLUME	567671.506	4219824.842	35.36
LOCATION L0050592	VOLUME	567670.909	4219828.393	35.23
LOCATION L0050593	VOLUME	567670.313	4219831.943	35.09
LOCATION L0050594	VOLUME	567669.716	4219835.493	34.95
LOCATION L0050595	VOLUME	567669.119	4219839.043	34.82
LOCATION L0050596	VOLUME	567668.523	4219842.593	34.69
LOCATION L0050597	VOLUME	567668.060	4219846.162	34.56
LOCATION L0050598	VOLUME	567667.681	4219849.742	34.41
LOCATION L0050599	VOLUME	567667.301	4219853.322	34.26
LOCATION L0050600	VOLUME	567666.922	4219856.902	34.10
LOCATION L0050601	VOLUME	567666.542	4219860.482	33.97
LOCATION L0050602	VOLUME	567666.162	4219864.062	33.84
LOCATION L0050603	VOLUME	567665.783	4219867.642	33.71
LOCATION L0050604	VOLUME	567665.403	4219871.222	33.57
LOCATION L0050605	VOLUME	567665.024	4219874.802	33.43
LOCATION L0050606	VOLUME	567664.644	4219878.381	33.28
LOCATION L0050607	VOLUME	567664.264	4219881.961	33.15
LOCATION L0050608	VOLUME	567663.885	4219885.541	33.02
LOCATION L0050609	VOLUME	567663.505	4219889.121	32.89
LOCATION L0050610	VOLUME	567663.126	4219892.701	32.79
LOCATION L0050611	VOLUME	567662.746	4219896.281	32.68
LOCATION L0050612	VOLUME	567662.366	4219899.861	32.57

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050613	VOLUME	567661.987	4219903.441	32.48
LOCATION L0050614	VOLUME	567661.607	4219907.021	32.38
LOCATION L0050615	VOLUME	567661.228	4219910.601	32.29
LOCATION L0050616	VOLUME	567660.848	4219914.181	32.20
LOCATION L0050617	VOLUME	567660.468	4219917.761	32.10
LOCATION L0050618	VOLUME	567660.089	4219921.341	32.01
LOCATION L0050619	VOLUME	567659.709	4219924.921	31.92
LOCATION L0050620	VOLUME	567659.330	4219928.501	31.83
LOCATION L0050621	VOLUME	567658.950	4219932.080	31.71
LOCATION L0050622	VOLUME	567658.571	4219935.660	31.59
LOCATION L0050623	VOLUME	567658.191	4219939.240	31.46
LOCATION L0050624	VOLUME	567657.811	4219942.820	31.35
LOCATION L0050625	VOLUME	567657.432	4219946.400	31.24
LOCATION L0050626	VOLUME	567657.052	4219949.980	31.13
LOCATION L0050627	VOLUME	567656.673	4219953.560	31.05
LOCATION L0050628	VOLUME	567656.293	4219957.140	30.98
LOCATION L0050629	VOLUME	567655.913	4219960.720	30.91
LOCATION L0050630	VOLUME	567655.534	4219964.300	30.86
LOCATION L0050631	VOLUME	567655.154	4219967.880	30.81
LOCATION L0050632	VOLUME	567654.775	4219971.460	30.77
LOCATION L0050633	VOLUME	567654.395	4219975.040	30.71
LOCATION L0050634	VOLUME	567654.015	4219978.620	30.66
LOCATION L0050635	VOLUME	567653.636	4219982.199	30.63
LOCATION L0050636	VOLUME	567653.256	4219985.779	30.65
LOCATION L0050637	VOLUME	567652.876	4219989.359	30.67
LOCATION L0050638	VOLUME	567652.496	4219992.939	30.70
LOCATION L0050639	VOLUME	567652.116	4219996.519	30.74
LOCATION L0050640	VOLUME	567651.736	4220000.099	30.79
LOCATION L0050641	VOLUME	567651.356	4220003.679	30.83
LOCATION L0050642	VOLUME	567650.976	4220007.259	30.88
LOCATION L0050643	VOLUME	567650.596	4220010.839	30.93
LOCATION L0050644	VOLUME	567650.216	4220014.419	30.96
LOCATION L0050645	VOLUME	567649.836	4220017.999	30.98
LOCATION L0050646	VOLUME	567649.456	4220021.579	31.00
LOCATION L0050647	VOLUME	567649.076	4220025.159	31.02
LOCATION L0050648	VOLUME	567648.696	4220028.739	31.04
LOCATION L0050649	VOLUME	567648.316	4220032.319	31.07
LOCATION L0050650	VOLUME	567647.936	4220035.899	31.08
LOCATION L0050651	VOLUME	567647.556	4220039.479	31.08
LOCATION L0050652	VOLUME	567647.176	4220043.059	31.08
LOCATION L0050653	VOLUME	567646.796	4220046.639	31.09
LOCATION L0050654	VOLUME	567646.416	4220049.219	31.10
LOCATION L0050655	VOLUME	567646.036	4220052.799	31.11
LOCATION L0050656	VOLUME	567645.656	4220056.379	31.12
LOCATION L0050657	VOLUME	567645.276	4220059.959	31.12
LOCATION L0050658	VOLUME	567644.896	4220063.539	31.13
LOCATION L0050659	VOLUME	567644.516	4220067.119	31.13
LOCATION L0050660	VOLUME	567644.136	4220070.699	31.15

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050661	VOLUME	567670.167	4220073.443	31.18
LOCATION L0050662	VOLUME	567671.491	4220076.791	31.16
LOCATION L0050663	VOLUME	567672.814	4220080.139	31.13
LOCATION L0050664	VOLUME	567674.137	4220083.487	31.11
LOCATION L0050665	VOLUME	567675.461	4220086.835	31.07
LOCATION L0050666	VOLUME	567676.784	4220090.183	31.04
LOCATION L0050667	VOLUME	567678.107	4220093.531	31.01
LOCATION L0050668	VOLUME	567679.431	4220096.878	30.98
LOCATION L0050669	VOLUME	567680.754	4220100.226	30.95
LOCATION L0050670	VOLUME	567682.078	4220103.574	30.92
LOCATION L0050671	VOLUME	567683.401	4220106.922	30.92
LOCATION L0050672	VOLUME	567684.724	4220110.270	30.91
LOCATION L0050673	VOLUME	567686.048	4220113.618	30.90
LOCATION L0050674	VOLUME	567687.371	4220116.966	30.89
LOCATION L0050675	VOLUME	567688.694	4220120.314	30.87
LOCATION L0050676	VOLUME	567690.018	4220123.662	30.86
LOCATION L0050677	VOLUME	567691.341	4220127.010	30.84
LOCATION L0050678	VOLUME	567692.664	4220130.358	30.81
LOCATION L0050679	VOLUME	567693.988	4220133.706	30.79
LOCATION L0050680	VOLUME	567695.311	4220137.054	30.77
LOCATION L0050681	VOLUME	567696.634	4220140.402	30.76
LOCATION L0050682	VOLUME	567697.958	4220143.750	30.75
LOCATION L0050683	VOLUME	567699.281	4220147.098	30.73
LOCATION L0050684	VOLUME	567700.605	4220150.446	30.71
LOCATION L0050685	VOLUME	567701.928	4220153.794	30.70
LOCATION L0050686	VOLUME	567703.251	4220157.141	30.70
LOCATION L0050687	VOLUME	567704.575	4220160.489	30.70
LOCATION L0050688	VOLUME	567705.898	4220163.837	30.69
LOCATION L0050689	VOLUME	567707.221	4220167.185	30.66
LOCATION L0050690	VOLUME	567708.545	4220170.533	30.58
LOCATION L0050691	VOLUME	567709.975	4220173.884	30.50
LOCATION L0050692	VOLUME	567711.568	4220177.062	30.44
LOCATION L0050693	VOLUME	567713.161	4220180.290	30.45
LOCATION L0050694	VOLUME	567714.754	4220183.519	30.47
LOCATION L0050695	VOLUME	567716.347	4220186.747	30.51
LOCATION L0050696	VOLUME	567717.940	4220189.975	30.52
LOCATION L0050697	VOLUME	567719.534	4220193.204	30.55
LOCATION L0050698	VOLUME	567721.127	4220196.432	30.60
LOCATION L0050699	VOLUME	567722.720	4220199.660	30.68
LOCATION L0050700	VOLUME	567724.313	4220202.889	30.76
LOCATION L0050701	VOLUME	567725.906	4220206.117	30.84
LOCATION L0050702	VOLUME	567727.499	4220209.345	30.91
LOCATION L0050703	VOLUME	567729.092	4220212.574	30.99
LOCATION L0050704	VOLUME	567730.685	4220215.802	31.07
LOCATION L0050705	VOLUME	567732.278	4220219.030	31.14
LOCATION L0050706	VOLUME	567733.872	4220222.258	31.18
LOCATION L0050707	VOLUME	567735.465	4220225.487	31.23
LOCATION L0050708	VOLUME	567737.058	4220228.715	31.29

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050709	VOLUME	567738.651	4220231.943	31.33
LOCATION L0050710	VOLUME	567740.244	4220235.172	31.36
LOCATION L0050711	VOLUME	567741.837	4220238.400	31.39
LOCATION L0050712	VOLUME	567743.430	4220241.628	31.36
LOCATION L0050713	VOLUME	567745.023	4220244.857	31.33
LOCATION L0050714	VOLUME	567746.617	4220248.085	31.29
LOCATION L0050715	VOLUME	567748.210	4220251.313	31.26
LOCATION L0050716	VOLUME	567749.803	4220254.542	31.23
LOCATION L0050717	VOLUME	567751.396	4220257.770	31.20
LOCATION L0050718	VOLUME	567752.989	4220260.998	31.16
LOCATION L0050719	VOLUME	567754.582	4220264.227	31.13
LOCATION L0050720	VOLUME	567756.175	4220267.455	31.09
LOCATION L0050721	VOLUME	567757.768	4220270.683	31.06
LOCATION L0050722	VOLUME	567759.361	4220273.911	31.06
LOCATION L0050723	VOLUME	567760.955	4220277.140	31.05
LOCATION L0050724	VOLUME	567762.548	4220280.368	31.05
LOCATION L0050725	VOLUME	567764.141	4220283.596	31.07
LOCATION L0050726	VOLUME	567765.734	4220286.825	31.11
LOCATION L0050727	VOLUME	567767.327	4220290.053	31.15
LOCATION L0050728	VOLUME	567768.920	4220293.281	31.22
LOCATION L0050729	VOLUME	567770.513	4220296.510	31.30
LOCATION L0050730	VOLUME	567772.106	4220299.738	31.39
LOCATION L0050731	VOLUME	567773.699	4220302.966	31.46
LOCATION L0050732	VOLUME	567775.293	4220306.195	31.55
LOCATION L0050733	VOLUME	567776.886	4220309.423	31.65
LOCATION L0050734	VOLUME	567778.479	4220312.651	31.74
LOCATION L0050735	VOLUME	567780.072	4220315.879	31.81
LOCATION L0050736	VOLUME	567781.665	4220319.108	31.89
LOCATION L0050737	VOLUME	567783.258	4220322.336	31.91
LOCATION L0050738	VOLUME	567784.851	4220325.564	31.85
LOCATION L0050739	VOLUME	567786.444	4220328.793	31.79
LOCATION L0050740	VOLUME	567788.037	4220332.021	31.71
LOCATION L0050741	VOLUME	567789.631	4220335.249	31.62
LOCATION L0050742	VOLUME	567791.224	4220338.478	31.53
LOCATION L0050743	VOLUME	567792.817	4220341.706	31.50
LOCATION L0050744	VOLUME	567794.410	4220344.934	31.67
LOCATION L0050745	VOLUME	567796.003	4220348.163	31.85
LOCATION L0050746	VOLUME	567797.596	4220351.391	32.06
LOCATION L0050747	VOLUME	567799.189	4220354.619	32.35
LOCATION L0050748	VOLUME	567800.782	4220357.848	32.71
LOCATION L0050749	VOLUME	567802.375	4220361.076	33.04
LOCATION L0050750	VOLUME	567803.969	4220364.304	33.32
LOCATION L0050751	VOLUME	567805.562	4220367.532	33.55
LOCATION L0050752	VOLUME	567807.155	4220370.761	33.79
LOCATION L0050753	VOLUME	567808.748	4220373.989	34.03
LOCATION L0050754	VOLUME	567810.341	4220377.217	34.25
LOCATION L0050755	VOLUME	567811.934	4220380.446	34.48
LOCATION L0050756	VOLUME	567813.527	4220383.674	34.73

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050757	VOLUME	567815.120	4220386.902	34.98
LOCATION L0050758	VOLUME	567816.713	4220390.131	35.20
LOCATION L0050759	VOLUME	567818.307	4220393.359	35.43
LOCATION L0050760	VOLUME	567819.900	4220396.587	35.86
LOCATION L0050761	VOLUME	567821.493	4220399.816	36.32
LOCATION L0050762	VOLUME	567823.086	4220403.044	36.79
LOCATION L0050763	VOLUME	567824.679	4220406.272	37.36
LOCATION L0050764	VOLUME	567826.272	4220409.501	37.95
LOCATION L0050765	VOLUME	567827.865	4220412.729	38.55
LOCATION L0050766	VOLUME	567829.458	4220415.957	38.95
LOCATION L0050767	VOLUME	567831.051	4220419.185	39.27
LOCATION L0050768	VOLUME	567832.645	4220422.414	39.46
LOCATION L0050769	VOLUME	567834.238	4220425.642	39.56
LOCATION L0050770	VOLUME	567835.831	4220428.870	39.62
LOCATION L0050771	VOLUME	567837.424	4220432.099	39.76
LOCATION L0050772	VOLUME	567839.017	4220435.327	39.90
LOCATION L0050773	VOLUME	567840.610	4220438.555	39.83
LOCATION L0050774	VOLUME	567842.203	4220441.784	39.83
LOCATION L0050775	VOLUME	567843.796	4220445.012	39.90
LOCATION L0050776	VOLUME	567845.389	4220448.240	39.97
LOCATION L0050777	VOLUME	567846.983	4220451.469	40.06
LOCATION L0050778	VOLUME	567848.576	4220454.697	40.06
LOCATION L0050779	VOLUME	567850.169	4220457.925	39.94
LOCATION L0050780	VOLUME	567851.762	4220461.153	39.86
LOCATION L0050781	VOLUME	567853.355	4220464.382	39.84
LOCATION L0050782	VOLUME	567854.948	4220467.610	39.92

\*\* End of LINE VOLUME Source ID = NB\_TRUCK

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SB\_TRUCK

\*\* DESCRSRC southbound truck route

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 7.53E-06

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 21

\*\* 567848.614, 4220471.567, 38.39, 3.70, 1.67

\*\* 567757.798, 4220290.924, 30.93, 3.70, 1.67

\*\* 567705.506, 4220176.417, 30.69, 3.70, 1.67

\*\* 567666.357, 4220098.271, 31.31, 3.70, 1.67

\*\* 567652.531, 4220063.020, 31.39, 3.70, 1.67

\*\* 567647.355, 4220035.508, 31.34, 3.70, 1.67

\*\* 567643.910, 4220004.837, 30.97, 3.70, 1.67

\*\* 567646.926, 4219959.839, 30.95, 3.70, 1.67

\*\* 567652.951, 4219896.947, 32.76, 3.70, 1.67

\*\* 567660.280, 4219816.531, 36.21, 3.70, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADI

\*\* 567655.601, 4219806.127, 36.72, 3.70, 1.67  
 \*\* 567633.802, 4219794.682, 37.42, 3.70, 1.67  
 \*\* 567565.258, 4219776.006, 37.43, 3.70, 1.67  
 \*\* 567459.290, 4219747.818, 37.42, 3.70, 1.67  
 \*\* 567402.848, 4219733.581, 39.31, 3.70, 1.67  
 \*\* 567410.392, 4219707.400, 38.72, 3.70, 1.67  
 \*\* 567421.041, 4219684.326, 38.06, 3.70, 1.67  
 \*\* 567433.403, 4219636.667, 36.63, 3.70, 1.67  
 \*\* 567437.840, 4219615.810, 36.63, 3.70, 1.67  
 \*\* 567439.615, 4219582.528, 36.78, 3.70, 1.67  
 \*\* 567440.059, 4219545.252, 36.76, 3.70, 1.67

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LOCATION	VOLUME				
L0050783	567847.805	4220469.959	38.80		
L0050784	567846.188	4220466.742	38.79		
L0050785	567844.571	4220463.526	38.68		
L0050786	567842.954	4220460.310	38.71		
L0050787	567841.337	4220457.093	38.88		
L0050788	567839.720	4220453.877	39.03		
L0050789	567838.103	4220450.660	38.91		
L0050790	567836.486	4220447.444	38.66		
L0050791	567834.869	4220444.228	38.57		
L0050792	567833.252	4220441.011	38.59		
L0050793	567831.635	4220437.795	38.73		
L0050794	567830.018	4220434.578	38.90		
L0050795	567828.401	4220431.362	38.62		
L0050796	567826.784	4220428.146	38.46		
L0050797	567825.167	4220424.929	38.44		
L0050798	567823.550	4220421.713	38.23		
L0050799	567821.933	4220418.496	37.93		
L0050800	567820.316	4220415.280	37.59		
L0050801	567818.699	4220412.063	37.07		
L0050802	567817.082	4220408.847	36.36		
L0050803	567815.465	4220405.631	35.69		
L0050804	567813.848	4220402.414	35.08		
L0050805	567812.231	4220399.198	34.58		
L0050806	567810.614	4220395.981	34.15		
L0050807	567808.997	4220392.765	33.80		
L0050808	567807.380	4220389.549	33.56		
L0050809	567805.763	4220386.332	33.36		
L0050810	567804.146	4220383.116	33.21		
L0050811	567802.529	4220379.899	33.06		
L0050812	567800.912	4220376.683	32.93		
L0050813	567799.295	4220373.467	32.83		
L0050814	567797.678	4220370.250	32.64		
L0050815	567796.061	4220367.034	32.41		
L0050816	567794.444	4220363.817	32.17		
L0050817	567792.827	4220360.601	31.90		
L0050818	567791.210	4220357.384	31.61		

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050819	VOLUME	567789.593	4220354.168	31.39
LOCATION L0050820	VOLUME	567787.976	4220350.952	31.25
LOCATION L0050821	VOLUME	567786.359	4220347.735	31.20
LOCATION L0050822	VOLUME	567784.742	4220344.519	31.16
LOCATION L0050823	VOLUME	567783.125	4220341.302	31.14
LOCATION L0050824	VOLUME	567781.508	4220338.086	31.23
LOCATION L0050825	VOLUME	567779.891	4220334.870	31.30
LOCATION L0050826	VOLUME	567778.274	4220331.653	31.34
LOCATION L0050827	VOLUME	567776.657	4220328.437	31.36
LOCATION L0050828	VOLUME	567775.040	4220325.220	31.36
LOCATION L0050829	VOLUME	567773.423	4220322.004	31.35
LOCATION L0050830	VOLUME	567771.806	4220318.788	31.32
LOCATION L0050831	VOLUME	567770.189	4220315.571	31.28
LOCATION L0050832	VOLUME	567768.572	4220312.355	31.24
LOCATION L0050833	VOLUME	567766.955	4220309.138	31.18
LOCATION L0050834	VOLUME	567765.338	4220305.922	31.14
LOCATION L0050835	VOLUME	567763.721	4220302.705	31.10
LOCATION L0050836	VOLUME	567762.104	4220299.489	31.05
LOCATION L0050837	VOLUME	567760.487	4220296.273	31.01
LOCATION L0050838	VOLUME	567758.870	4220293.056	30.98
LOCATION L0050839	VOLUME	567757.254	4220289.820	30.95
LOCATION L0050840	VOLUME	567755.637	4220286.584	30.94
LOCATION L0050841	VOLUME	567754.020	4220283.348	30.93
LOCATION L0050842	VOLUME	567752.403	4220279.112	30.92
LOCATION L0050843	VOLUME	567750.786	4220275.876	30.93
LOCATION L0050844	VOLUME	567749.169	4220272.640	30.95
LOCATION L0050845	VOLUME	567747.552	4220269.404	30.96
LOCATION L0050846	VOLUME	567745.935	4220266.168	30.99
LOCATION L0050847	VOLUME	567744.318	4220262.932	31.01
LOCATION L0050848	VOLUME	567742.701	4220259.696	31.03
LOCATION L0050849	VOLUME	567741.084	4220256.460	31.06
LOCATION L0050850	VOLUME	567739.467	4220253.224	31.09
LOCATION L0050851	VOLUME	567737.850	4220250.000	31.12
LOCATION L0050852	VOLUME	567736.233	4220246.764	31.15
LOCATION L0050853	VOLUME	567734.616	4220243.528	31.17
LOCATION L0050854	VOLUME	567732.999	4220240.292	31.17
LOCATION L0050855	VOLUME	567731.382	4220237.056	31.16
LOCATION L0050856	VOLUME	567729.765	4220233.820	31.12
LOCATION L0050857	VOLUME	567728.148	4220230.584	31.08
LOCATION L0050858	VOLUME	567726.531	4220227.348	31.04
LOCATION L0050859	VOLUME	567724.914	4220224.112	31.00
LOCATION L0050860	VOLUME	567723.297	4220220.876	30.96
LOCATION L0050861	VOLUME	567721.680	4220217.640	30.92
LOCATION L0050862	VOLUME	567720.063	4220214.404	30.84
LOCATION L0050863	VOLUME	567718.446	4220211.168	30.77
LOCATION L0050864	VOLUME	567716.829	4220207.932	30.70
LOCATION L0050865	VOLUME	567715.212	4220204.696	30.62
LOCATION L0050866	VOLUME	567713.595	4220201.460	30.54

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050867	VOLUME	567715.421	4220198.129	30.47
LOCATION L0050868	VOLUME	567713.926	4220194.854	30.44
LOCATION L0050869	VOLUME	567712.431	4220191.579	30.44
LOCATION L0050870	VOLUME	567710.935	4220188.305	30.44
LOCATION L0050871	VOLUME	567709.440	4220185.030	30.47
LOCATION L0050872	VOLUME	567707.944	4220181.755	30.50
LOCATION L0050873	VOLUME	567706.449	4220178.480	30.56
LOCATION L0050874	VOLUME	567704.910	4220175.226	30.64
LOCATION L0050875	VOLUME	567703.297	4220172.008	30.72
LOCATION L0050876	VOLUME	567701.685	4220168.789	30.80
LOCATION L0050877	VOLUME	567700.073	4220165.570	30.85
LOCATION L0050878	VOLUME	567698.460	4220162.352	30.85
LOCATION L0050879	VOLUME	567696.848	4220159.133	30.85
LOCATION L0050880	VOLUME	567695.235	4220155.914	30.85
LOCATION L0050881	VOLUME	567693.623	4220152.696	30.88
LOCATION L0050882	VOLUME	567692.010	4220149.477	30.91
LOCATION L0050883	VOLUME	567690.398	4220146.258	30.95
LOCATION L0050884	VOLUME	567688.785	4220143.040	30.96
LOCATION L0050885	VOLUME	567687.173	4220139.821	30.96
LOCATION L0050886	VOLUME	567685.560	4220136.602	30.96
LOCATION L0050887	VOLUME	567683.948	4220133.384	30.98
LOCATION L0050888	VOLUME	567682.335	4220130.165	31.01
LOCATION L0050889	VOLUME	567680.723	4220126.946	31.05
LOCATION L0050890	VOLUME	567679.110	4220123.728	31.08
LOCATION L0050891	VOLUME	567677.498	4220120.509	31.11
LOCATION L0050892	VOLUME	567675.885	4220117.290	31.14
LOCATION L0050893	VOLUME	567674.273	4220114.072	31.17
LOCATION L0050894	VOLUME	567672.660	4220110.853	31.17
LOCATION L0050895	VOLUME	567671.048	4220107.634	31.18
LOCATION L0050896	VOLUME	567669.435	4220104.416	31.21
LOCATION L0050897	VOLUME	567667.823	4220101.197	31.25
LOCATION L0050898	VOLUME	567666.237	4220097.966	31.27
LOCATION L0050899	VOLUME	567664.923	4220094.615	31.29
LOCATION L0050900	VOLUME	567663.608	4220091.263	31.31
LOCATION L0050901	VOLUME	567662.294	4220087.912	31.34
LOCATION L0050902	VOLUME	567660.979	4220084.560	31.37
LOCATION L0050903	VOLUME	567659.665	4220081.209	31.38
LOCATION L0050904	VOLUME	567658.350	4220077.858	31.39
LOCATION L0050905	VOLUME	567657.036	4220074.506	31.39
LOCATION L0050906	VOLUME	567655.721	4220071.155	31.40
LOCATION L0050907	VOLUME	567654.407	4220067.803	31.41
LOCATION L0050908	VOLUME	567653.092	4220064.452	31.43
LOCATION L0050909	VOLUME	567652.149	4220060.994	31.43
LOCATION L0050910	VOLUME	567651.484	4220057.456	31.42
LOCATION L0050911	VOLUME	567650.818	4220053.918	31.41
LOCATION L0050912	VOLUME	567650.153	4220050.380	31.40
LOCATION L0050913	VOLUME	567649.487	4220046.842	31.40
LOCATION L0050914	VOLUME	567648.822	4220043.304	31.39



NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050915	VOLUME	567648.156	4220039.766	31.39
LOCATION L0050916	VOLUME	567647.490	4220036.228	31.38
LOCATION L0050917	VOLUME	567647.035	4220032.659	31.36
LOCATION L0050918	VOLUME	567646.633	4220029.081	31.32
LOCATION L0050919	VOLUME	567646.231	4220025.504	31.28
LOCATION L0050920	VOLUME	567645.830	4220021.926	31.23
LOCATION L0050921	VOLUME	567645.428	4220018.349	31.21
LOCATION L0050922	VOLUME	567645.026	4220014.771	31.18
LOCATION L0050923	VOLUME	567644.624	4220011.194	31.15
LOCATION L0050924	VOLUME	567644.222	4220007.616	31.11
LOCATION L0050925	VOLUME	567643.964	4220004.035	31.06
LOCATION L0050926	VOLUME	567644.205	4220000.443	31.01
LOCATION L0050927	VOLUME	567644.446	4219996.851	30.94
LOCATION L0050928	VOLUME	567644.686	4219993.260	30.88
LOCATION L0050929	VOLUME	567644.927	4219989.668	30.84
LOCATION L0050930	VOLUME	567645.168	4219986.076	30.81
LOCATION L0050931	VOLUME	567645.408	4219982.484	30.79
LOCATION L0050932	VOLUME	567645.649	4219978.892	30.79
LOCATION L0050933	VOLUME	567645.890	4219975.300	30.82
LOCATION L0050934	VOLUME	567646.131	4219971.708	30.86
LOCATION L0050935	VOLUME	567646.371	4219968.116	30.89
LOCATION L0050936	VOLUME	567646.612	4219964.524	30.92
LOCATION L0050937	VOLUME	567646.853	4219960.932	30.95
LOCATION L0050938	VOLUME	567647.165	4219957.346	31.01
LOCATION L0050939	VOLUME	567647.508	4219953.762	31.08
LOCATION L0050940	VOLUME	567647.851	4219950.179	31.15
LOCATION L0050941	VOLUME	567648.195	4219946.595	31.27
LOCATION L0050942	VOLUME	567648.538	4219943.012	31.38
LOCATION L0050943	VOLUME	567648.881	4219939.428	31.49
LOCATION L0050944	VOLUME	567649.225	4219935.844	31.63
LOCATION L0050945	VOLUME	567649.568	4219932.261	31.77
LOCATION L0050946	VOLUME	567649.911	4219928.677	31.91
LOCATION L0050947	VOLUME	567650.254	4219925.094	32.04
LOCATION L0050948	VOLUME	567650.598	4219921.510	32.16
LOCATION L0050949	VOLUME	567650.941	4219917.926	32.28
LOCATION L0050950	VOLUME	567651.284	4219914.343	32.38
LOCATION L0050951	VOLUME	567651.627	4219910.759	32.49
LOCATION L0050952	VOLUME	567651.971	4219907.176	32.58
LOCATION L0050953	VOLUME	567652.314	4219903.592	32.66
LOCATION L0050954	VOLUME	567652.657	4219900.008	32.73
LOCATION L0050955	VOLUME	567652.998	4219896.425	32.84
LOCATION L0050956	VOLUME	567653.325	4219892.839	32.96
LOCATION L0050957	VOLUME	567653.652	4219889.254	33.08
LOCATION L0050958	VOLUME	567653.978	4219885.669	33.19
LOCATION L0050959	VOLUME	567654.305	4219882.084	33.30
LOCATION L0050960	VOLUME	567654.632	4219878.499	33.41
LOCATION L0050961	VOLUME	567654.959	4219874.914	33.54
LOCATION L0050962	VOLUME	567655.285	4219871.329	33.67

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0050963	VOLUME	567655.612	4219867.743	33.81
LOCATION L0050964	VOLUME	567655.939	4219864.158	33.94
LOCATION L0050965	VOLUME	567656.266	4219860.573	34.08
LOCATION L0050966	VOLUME	567656.592	4219856.988	34.22
LOCATION L0050967	VOLUME	567656.919	4219853.403	34.40
LOCATION L0050968	VOLUME	567657.246	4219849.818	34.57
LOCATION L0050969	VOLUME	567657.573	4219846.233	34.76
LOCATION L0050970	VOLUME	567657.899	4219842.647	34.96
LOCATION L0050971	VOLUME	567658.226	4219839.062	35.17
LOCATION L0050972	VOLUME	567658.553	4219835.477	35.34
LOCATION L0050973	VOLUME	567658.880	4219831.892	35.49
LOCATION L0050974	VOLUME	567659.206	4219828.307	35.64
LOCATION L0050975	VOLUME	567659.533	4219824.722	35.81
LOCATION L0050976	VOLUME	567659.860	4219821.137	35.98
LOCATION L0050977	VOLUME	567660.187	4219817.551	36.15
LOCATION L0050978	VOLUME	567659.223	4219814.182	36.33
LOCATION L0050979	VOLUME	567657.747	4219810.899	36.51
LOCATION L0050980	VOLUME	567656.270	4219807.616	36.69
LOCATION L0050981	VOLUME	567653.859	4219805.212	36.86
LOCATION L0050982	VOLUME	567650.671	4219803.539	37.01
LOCATION L0050983	VOLUME	567647.484	4219801.865	37.15
LOCATION L0050984	VOLUME	567644.296	4219800.192	37.27
LOCATION L0050985	VOLUME	567641.109	4219798.519	37.39
LOCATION L0050986	VOLUME	567637.922	4219796.845	37.41
LOCATION L0050987	VOLUME	567634.734	4219795.172	37.43
LOCATION L0050988	VOLUME	567631.344	4219794.013	37.42
LOCATION L0050989	VOLUME	567627.871	4219793.066	37.42
LOCATION L0050990	VOLUME	567624.398	4219792.120	37.42
LOCATION L0050991	VOLUME	567620.924	4219791.174	37.42
LOCATION L0050992	VOLUME	567617.451	4219790.227	37.42
LOCATION L0050993	VOLUME	567613.978	4219789.281	37.42
LOCATION L0050994	VOLUME	567610.504	4219788.334	37.42
LOCATION L0050995	VOLUME	567607.031	4219787.388	37.42
LOCATION L0050996	VOLUME	567603.557	4219786.442	37.42
LOCATION L0050997	VOLUME	567600.084	4219785.495	37.42
LOCATION L0050998	VOLUME	567596.611	4219784.549	37.42
LOCATION L0050999	VOLUME	567593.137	4219783.603	37.42
LOCATION L0051000	VOLUME	567589.664	4219782.656	37.42
LOCATION L0051001	VOLUME	567586.190	4219781.710	37.43
LOCATION L0051002	VOLUME	567582.717	4219780.764	37.43
LOCATION L0051003	VOLUME	567579.244	4219779.817	37.43
LOCATION L0051004	VOLUME	567575.770	4219778.871	37.43
LOCATION L0051005	VOLUME	567572.297	4219777.924	37.43
LOCATION L0051006	VOLUME	567568.824	4219776.978	37.43
LOCATION L0051007	VOLUME	567565.350	4219776.032	37.43
LOCATION L0051008	VOLUME	567561.871	4219775.106	37.43
LOCATION L0051009	VOLUME	567558.392	4219774.180	37.43
LOCATION L0051010	VOLUME	567554.913	4219773.255	37.43

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051011	VOLUME	567551.434	4219772.329	37.44
LOCATION L0051012	VOLUME	567547.955	4219771.404	37.43
LOCATION L0051013	VOLUME	567544.476	4219770.478	37.43
LOCATION L0051014	VOLUME	567540.997	4219769.553	37.42
LOCATION L0051015	VOLUME	567537.518	4219768.627	37.41
LOCATION L0051016	VOLUME	567534.039	4219767.702	37.41
LOCATION L0051017	VOLUME	567530.560	4219766.777	37.42
LOCATION L0051018	VOLUME	567527.081	4219765.851	37.48
LOCATION L0051019	VOLUME	567523.602	4219764.926	37.74
LOCATION L0051020	VOLUME	567520.123	4219764.000	38.01
LOCATION L0051021	VOLUME	567516.644	4219763.075	38.28
LOCATION L0051022	VOLUME	567513.165	4219762.149	38.56
LOCATION L0051023	VOLUME	567509.686	4219761.224	38.64
LOCATION L0051024	VOLUME	567506.207	4219760.298	38.53
LOCATION L0051025	VOLUME	567502.728	4219759.373	38.39
LOCATION L0051026	VOLUME	567499.249	4219758.448	38.17
LOCATION L0051027	VOLUME	567495.770	4219757.522	37.94
LOCATION L0051028	VOLUME	567492.291	4219756.597	37.75
LOCATION L0051029	VOLUME	567488.812	4219755.671	37.56
LOCATION L0051030	VOLUME	567485.333	4219754.746	37.44
LOCATION L0051031	VOLUME	567481.854	4219753.820	37.40
LOCATION L0051032	VOLUME	567478.375	4219752.895	37.38
LOCATION L0051033	VOLUME	567474.896	4219751.969	37.41
LOCATION L0051034	VOLUME	567471.417	4219751.044	37.44
LOCATION L0051035	VOLUME	567467.938	4219750.118	37.43
LOCATION L0051036	VOLUME	567464.459	4219749.193	37.43
LOCATION L0051037	VOLUME	567460.980	4219748.268	37.42
LOCATION L0051038	VOLUME	567457.495	4219747.365	37.42
LOCATION L0051039	VOLUME	567454.004	4219746.485	37.41
LOCATION L0051040	VOLUME	567450.514	4219745.604	37.42
LOCATION L0051041	VOLUME	567447.023	4219744.724	37.41
LOCATION L0051042	VOLUME	567443.532	4219743.843	37.39
LOCATION L0051043	VOLUME	567440.042	4219742.963	37.35
LOCATION L0051044	VOLUME	567436.551	4219742.082	37.41
LOCATION L0051045	VOLUME	567433.060	4219741.202	37.53
LOCATION L0051046	VOLUME	567429.570	4219740.321	37.70
LOCATION L0051047	VOLUME	567426.079	4219739.441	37.97
LOCATION L0051048	VOLUME	567422.588	4219738.560	38.22
LOCATION L0051049	VOLUME	567419.098	4219737.680	38.49
LOCATION L0051050	VOLUME	567415.607	4219736.799	38.75
LOCATION L0051051	VOLUME	567412.116	4219735.919	39.01
LOCATION L0051052	VOLUME	567408.626	4219735.038	39.27
LOCATION L0051053	VOLUME	567405.135	4219734.158	39.48
LOCATION L0051054	VOLUME	567403.192	4219732.388	39.47
LOCATION L0051055	VOLUME	567404.189	4219728.929	39.29
LOCATION L0051056	VOLUME	567405.185	4219725.469	39.12
LOCATION L0051057	VOLUME	567406.182	4219722.010	38.97
LOCATION L0051058	VOLUME	567407.179	4219718.551	38.96

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051059	VOLUME	567408.176	4219715.092	38.96
LOCATION L0051060	VOLUME	567409.172	4219711.632	38.95
LOCATION L0051061	VOLUME	567410.169	4219708.173	38.88
LOCATION L0051062	VOLUME	567411.563	4219704.862	38.80
LOCATION L0051063	VOLUME	567413.072	4219701.593	38.75
LOCATION L0051064	VOLUME	567414.581	4219698.324	38.65
LOCATION L0051065	VOLUME	567416.089	4219695.056	38.53
LOCATION L0051066	VOLUME	567417.598	4219691.787	38.43
LOCATION L0051067	VOLUME	567419.106	4219688.518	38.32
LOCATION L0051068	VOLUME	567420.615	4219685.250	38.21
LOCATION L0051069	VOLUME	567421.690	4219681.826	38.12
LOCATION L0051070	VOLUME	567422.594	4219678.341	38.00
LOCATION L0051071	VOLUME	567423.497	4219674.857	37.85
LOCATION L0051072	VOLUME	567424.401	4219671.372	37.71
LOCATION L0051073	VOLUME	567425.305	4219667.887	37.58
LOCATION L0051074	VOLUME	567426.209	4219664.403	37.46
LOCATION L0051075	VOLUME	567427.113	4219660.918	37.36
LOCATION L0051076	VOLUME	567428.017	4219657.433	37.25
LOCATION L0051077	VOLUME	567428.920	4219653.949	37.13
LOCATION L0051078	VOLUME	567429.824	4219650.464	37.02
LOCATION L0051079	VOLUME	567430.728	4219646.979	36.89
LOCATION L0051080	VOLUME	567431.632	4219643.495	36.75
LOCATION L0051081	VOLUME	567432.536	4219640.010	36.62
LOCATION L0051082	VOLUME	567433.433	4219636.524	36.59
LOCATION L0051083	VOLUME	567434.182	4219633.003	36.56
LOCATION L0051084	VOLUME	567434.932	4219629.481	36.55
LOCATION L0051085	VOLUME	567435.681	4219625.960	36.58
LOCATION L0051086	VOLUME	567436.430	4219622.439	36.61
LOCATION L0051087	VOLUME	567437.179	4219618.918	36.64
LOCATION L0051088	VOLUME	567437.863	4219615.388	36.68
LOCATION L0051089	VOLUME	567438.055	4219611.793	36.71
LOCATION L0051090	VOLUME	567438.246	4219608.198	36.73
LOCATION L0051091	VOLUME	567438.438	4219604.603	36.75
LOCATION L0051092	VOLUME	567438.630	4219601.008	36.76
LOCATION L0051093	VOLUME	567438.822	4219597.414	36.78
LOCATION L0051094	VOLUME	567439.013	4219593.819	36.82
LOCATION L0051095	VOLUME	567439.205	4219590.224	36.86
LOCATION L0051096	VOLUME	567439.397	4219586.629	36.89
LOCATION L0051097	VOLUME	567439.588	4219583.034	36.92
LOCATION L0051098	VOLUME	567439.652	4219579.435	36.94
LOCATION L0051099	VOLUME	567439.695	4219575.835	36.98
LOCATION L0051100	VOLUME	567439.738	4219572.235	37.02
LOCATION L0051101	VOLUME	567439.781	4219568.636	37.06
LOCATION L0051102	VOLUME	567439.824	4219565.036	37.01
LOCATION L0051103	VOLUME	567439.867	4219561.436	36.96
LOCATION L0051104	VOLUME	567439.909	4219557.836	36.91
LOCATION L0051105	VOLUME	567439.952	4219554.237	36.87
LOCATION L0051106	VOLUME	567439.995	4219550.637	36.83

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051107 VOLUME 567440.038 4219547.037 36.77

\*\* End of LINE VOLUME Source ID = SB\_TRUCK

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = TRUCK\_CIR

\*\* DESCRSRC truck circulation on site

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.58E-06

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 15

- \*\* 567728.385, 4220203.256, 30.86, 3.70, 1.67
- \*\* 567756.127, 4220185.602, 31.05, 3.70, 1.67
- \*\* 567955.365, 4220187.494, 35.96, 3.70, 1.67
- \*\* 567978.063, 4220188.124, 36.25, 3.70, 1.67
- \*\* 568014.002, 4220184.972, 36.38, 3.70, 1.67
- \*\* 568024.720, 4220191.907, 36.32, 3.70, 1.67
- \*\* 568029.134, 4220199.473, 37.17, 3.70, 1.67
- \*\* 568048.049, 4220366.556, 29.92, 3.70, 1.67
- \*\* 568046.788, 4220449.151, 30.57, 3.70, 1.67
- \*\* 568042.374, 4220454.195, 30.57, 3.70, 1.67
- \*\* 568031.025, 4220454.195, 31.38, 3.70, 1.67
- \*\* 567891.054, 4220454.195, 40.02, 3.70, 1.67
- \*\* 567877.183, 4220457.348, 40.10, 3.70, 1.67
- \*\* 567864.573, 4220461.761, 40.40, 3.70, 1.67
- \*\* 567857.007, 4220466.805, 39.99, 3.70, 1.67

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LOCATION L0051108	VOLUME	567729.904	4220202.290	30.88
LOCATION L0051109	VOLUME	567732.941	4220200.357	30.92
LOCATION L0051110	VOLUME	567735.978	4220198.424	30.94
LOCATION L0051111	VOLUME	567739.015	4220196.492	30.95
LOCATION L0051112	VOLUME	567742.053	4220194.559	30.96
LOCATION L0051113	VOLUME	567745.090	4220192.626	30.98
LOCATION L0051114	VOLUME	567748.127	4220190.693	31.00
LOCATION L0051115	VOLUME	567751.164	4220188.761	31.01
LOCATION L0051116	VOLUME	567754.201	4220186.828	31.03
LOCATION L0051117	VOLUME	567757.444	4220185.615	31.07
LOCATION L0051118	VOLUME	567761.044	4220185.649	31.12
LOCATION L0051119	VOLUME	567764.644	4220185.683	31.18
LOCATION L0051120	VOLUME	567768.244	4220185.717	31.23
LOCATION L0051121	VOLUME	567771.844	4220185.752	31.29
LOCATION L0051122	VOLUME	567775.444	4220185.786	31.35
LOCATION L0051123	VOLUME	567779.043	4220185.820	31.45
LOCATION L0051124	VOLUME	567782.643	4220185.854	31.55
LOCATION L0051125	VOLUME	567786.243	4220185.888	31.66
LOCATION L0051126	VOLUME	567789.843	4220185.922	31.77

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051127	VOLUME	567793.443	4220185.957	31.86
LOCATION L0051128	VOLUME	567797.043	4220185.991	31.95
LOCATION L0051129	VOLUME	567800.642	4220186.025	32.04
LOCATION L0051130	VOLUME	567804.242	4220186.059	32.13
LOCATION L0051131	VOLUME	567807.842	4220186.093	32.21
LOCATION L0051132	VOLUME	567811.442	4220186.127	32.32
LOCATION L0051133	VOLUME	567815.042	4220186.162	32.43
LOCATION L0051134	VOLUME	567818.642	4220186.196	32.53
LOCATION L0051135	VOLUME	567822.241	4220186.230	32.63
LOCATION L0051136	VOLUME	567825.841	4220186.264	32.73
LOCATION L0051137	VOLUME	567829.441	4220186.298	32.81
LOCATION L0051138	VOLUME	567833.041	4220186.333	32.89
LOCATION L0051139	VOLUME	567836.641	4220186.367	32.99
LOCATION L0051140	VOLUME	567840.241	4220186.401	33.09
LOCATION L0051141	VOLUME	567843.840	4220186.435	33.23
LOCATION L0051142	VOLUME	567847.440	4220186.469	33.38
LOCATION L0051143	VOLUME	567851.040	4220186.503	33.53
LOCATION L0051144	VOLUME	567854.640	4220186.538	33.68
LOCATION L0051145	VOLUME	567858.240	4220186.572	33.81
LOCATION L0051146	VOLUME	567861.840	4220186.606	33.93
LOCATION L0051147	VOLUME	567865.440	4220186.640	34.05
LOCATION L0051148	VOLUME	567869.039	4220186.674	34.20
LOCATION L0051149	VOLUME	567872.639	4220186.708	34.35
LOCATION L0051150	VOLUME	567876.239	4220186.743	34.49
LOCATION L0051151	VOLUME	567879.839	4220186.777	34.64
LOCATION L0051152	VOLUME	567883.439	4220186.811	34.77
LOCATION L0051153	VOLUME	567887.039	4220186.845	34.89
LOCATION L0051154	VOLUME	567890.638	4220186.879	35.00
LOCATION L0051155	VOLUME	567894.238	4220186.913	35.10
LOCATION L0051156	VOLUME	567897.838	4220186.948	35.21
LOCATION L0051157	VOLUME	567901.438	4220186.982	35.30
LOCATION L0051158	VOLUME	567905.038	4220187.016	35.39
LOCATION L0051159	VOLUME	567908.638	4220187.050	35.46
LOCATION L0051160	VOLUME	567912.237	4220187.084	35.52
LOCATION L0051161	VOLUME	567915.837	4220187.119	35.58
LOCATION L0051162	VOLUME	567919.437	4220187.153	35.62
LOCATION L0051163	VOLUME	567923.037	4220187.187	35.68
LOCATION L0051164	VOLUME	567926.637	4220187.221	35.74
LOCATION L0051165	VOLUME	567930.237	4220187.255	35.81
LOCATION L0051166	VOLUME	567933.836	4220187.289	35.85
LOCATION L0051167	VOLUME	567937.436	4220187.324	35.90
LOCATION L0051168	VOLUME	567941.036	4220187.358	35.91
LOCATION L0051169	VOLUME	567944.636	4220187.392	35.92
LOCATION L0051170	VOLUME	567948.236	4220187.426	35.94
LOCATION L0051171	VOLUME	567951.836	4220187.460	35.97
LOCATION L0051172	VOLUME	567955.435	4220187.496	36.01
LOCATION L0051173	VOLUME	567959.034	4220187.530	36.07
LOCATION L0051174	VOLUME	567962.633	4220187.566	36.13

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051175	VOLUME	567966.231	4220187.796	36.16
LOCATION L0051176	VOLUME	567969.830	4220187.896	36.20
LOCATION L0051177	VOLUME	567973.428	4220187.996	36.22
LOCATION L0051178	VOLUME	567977.027	4220188.096	36.24
LOCATION L0051179	VOLUME	567980.617	4220187.900	36.30
LOCATION L0051180	VOLUME	567984.203	4220187.586	36.40
LOCATION L0051181	VOLUME	567987.789	4220187.271	36.51
LOCATION L0051182	VOLUME	567991.376	4220186.957	36.67
LOCATION L0051183	VOLUME	567994.962	4220186.642	36.81
LOCATION L0051184	VOLUME	567998.548	4220186.327	36.84
LOCATION L0051185	VOLUME	568002.134	4220186.013	36.85
LOCATION L0051186	VOLUME	568005.720	4220185.698	36.71
LOCATION L0051187	VOLUME	568009.307	4220185.384	36.51
LOCATION L0051188	VOLUME	568012.893	4220185.069	36.35
LOCATION L0051189	VOLUME	568016.090	4220186.323	36.34
LOCATION L0051190	VOLUME	568019.112	4220188.279	36.38
LOCATION L0051191	VOLUME	568022.135	4220190.234	36.42
LOCATION L0051192	VOLUME	568024.982	4220192.357	36.52
LOCATION L0051193	VOLUME	568026.796	4220195.466	36.78
LOCATION L0051194	VOLUME	568028.610	4220198.576	36.97
LOCATION L0051195	VOLUME	568029.422	4220202.018	37.11
LOCATION L0051196	VOLUME	568029.827	4220205.595	37.23
LOCATION L0051197	VOLUME	568030.232	4220209.173	37.37
LOCATION L0051198	VOLUME	568030.637	4220212.750	37.43
LOCATION L0051199	VOLUME	568031.042	4220216.327	37.47
LOCATION L0051200	VOLUME	568031.447	4220219.904	37.52
LOCATION L0051201	VOLUME	568031.852	4220223.481	37.56
LOCATION L0051202	VOLUME	568032.257	4220227.058	37.61
LOCATION L0051203	VOLUME	568032.661	4220230.635	37.67
LOCATION L0051204	VOLUME	568033.066	4220234.213	37.50
LOCATION L0051205	VOLUME	568033.471	4220237.790	37.33
LOCATION L0051206	VOLUME	568033.876	4220241.367	37.12
LOCATION L0051207	VOLUME	568034.281	4220244.944	36.70
LOCATION L0051208	VOLUME	568034.686	4220248.521	36.27
LOCATION L0051209	VOLUME	568035.091	4220252.098	35.83
LOCATION L0051210	VOLUME	568035.496	4220255.676	35.37
LOCATION L0051211	VOLUME	568035.901	4220259.253	34.91
LOCATION L0051212	VOLUME	568036.306	4220262.830	34.51
LOCATION L0051213	VOLUME	568036.711	4220266.407	34.22
LOCATION L0051214	VOLUME	568037.116	4220269.984	33.93
LOCATION L0051215	VOLUME	568037.521	4220273.561	33.66
LOCATION L0051216	VOLUME	568037.926	4220277.138	33.41
LOCATION L0051217	VOLUME	568038.331	4220280.716	33.16
LOCATION L0051218	VOLUME	568038.736	4220284.293	32.87
LOCATION L0051219	VOLUME	568039.141	4220287.870	32.56
LOCATION L0051220	VOLUME	568039.546	4220291.447	32.25
LOCATION L0051221	VOLUME	568039.951	4220295.024	31.93
LOCATION L0051222	VOLUME	568040.356	4220298.601	31.61

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051223	VOLUME	568040.761	4220302.178	31.31
LOCATION L0051224	VOLUME	568041.166	4220305.756	31.10
LOCATION L0051225	VOLUME	568041.571	4220309.333	30.92
LOCATION L0051226	VOLUME	568041.976	4220312.910	30.75
LOCATION L0051227	VOLUME	568042.381	4220316.487	30.62
LOCATION L0051228	VOLUME	568042.785	4220320.064	30.50
LOCATION L0051229	VOLUME	568043.190	4220323.641	30.37
LOCATION L0051230	VOLUME	568043.595	4220327.219	30.25
LOCATION L0051231	VOLUME	568044.000	4220330.796	30.13
LOCATION L0051232	VOLUME	568044.405	4220334.373	30.01
LOCATION L0051233	VOLUME	568044.810	4220337.950	29.92
LOCATION L0051234	VOLUME	568045.215	4220341.527	29.83
LOCATION L0051235	VOLUME	568045.620	4220345.104	29.77
LOCATION L0051236	VOLUME	568046.025	4220348.681	29.77
LOCATION L0051237	VOLUME	568046.430	4220352.259	29.77
LOCATION L0051238	VOLUME	568046.835	4220355.836	29.79
LOCATION L0051239	VOLUME	568047.240	4220359.413	29.83
LOCATION L0051240	VOLUME	568047.645	4220362.990	29.86
LOCATION L0051241	VOLUME	568048.048	4220366.567	29.90
LOCATION L0051242	VOLUME	568047.994	4220370.167	29.96
LOCATION L0051243	VOLUME	568047.939	4220373.766	30.02
LOCATION L0051244	VOLUME	568047.884	4220377.366	30.07
LOCATION L0051245	VOLUME	568047.829	4220380.966	30.11
LOCATION L0051246	VOLUME	568047.774	4220384.565	30.15
LOCATION L0051247	VOLUME	568047.719	4220388.165	30.22
LOCATION L0051248	VOLUME	568047.664	4220391.764	30.30
LOCATION L0051249	VOLUME	568047.609	4220395.364	30.37
LOCATION L0051250	VOLUME	568047.554	4220398.963	30.43
LOCATION L0051251	VOLUME	568047.499	4220402.563	30.50
LOCATION L0051252	VOLUME	568047.444	4220406.163	30.55
LOCATION L0051253	VOLUME	568047.389	4220409.762	30.56
LOCATION L0051254	VOLUME	568047.334	4220413.362	30.56
LOCATION L0051255	VOLUME	568047.279	4220416.961	30.57
LOCATION L0051256	VOLUME	568047.224	4220420.561	30.57
LOCATION L0051257	VOLUME	568047.169	4220424.161	30.57
LOCATION L0051258	VOLUME	568047.114	4220427.760	30.58
LOCATION L0051259	VOLUME	568047.059	4220431.360	30.58
LOCATION L0051260	VOLUME	568047.004	4220434.959	30.58
LOCATION L0051261	VOLUME	568046.949	4220438.559	30.57
LOCATION L0051262	VOLUME	568046.894	4220442.158	30.54
LOCATION L0051263	VOLUME	568046.839	4220445.758	30.51
LOCATION L0051264	VOLUME	568046.652	4220449.307	30.49
LOCATION L0051265	VOLUME	568044.281	4220452.016	30.60
LOCATION L0051266	VOLUME	568041.670	4220454.195	30.70
LOCATION L0051267	VOLUME	568038.070	4220454.195	30.95
LOCATION L0051268	VOLUME	568034.470	4220454.195	31.19
LOCATION L0051269	VOLUME	568030.870	4220454.195	31.52
LOCATION L0051270	VOLUME	568027.270	4220454.195	31.89



NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051271	VOLUME	568023.670	4220454.195	32.26
LOCATION L0051272	VOLUME	568020.070	4220454.195	32.65
LOCATION L0051273	VOLUME	568016.470	4220454.195	33.06
LOCATION L0051274	VOLUME	568012.870	4220454.195	33.56
LOCATION L0051275	VOLUME	568009.270	4220454.195	34.05
LOCATION L0051276	VOLUME	568005.670	4220454.195	34.63
LOCATION L0051277	VOLUME	568002.070	4220454.195	35.21
LOCATION L0051278	VOLUME	567998.470	4220454.195	35.75
LOCATION L0051279	VOLUME	567994.870	4220454.195	36.27
LOCATION L0051280	VOLUME	567991.270	4220454.195	36.74
LOCATION L0051281	VOLUME	567987.670	4220454.195	37.13
LOCATION L0051282	VOLUME	567984.070	4220454.195	37.49
LOCATION L0051283	VOLUME	567980.470	4220454.195	37.70
LOCATION L0051284	VOLUME	567976.870	4220454.195	37.90
LOCATION L0051285	VOLUME	567973.270	4220454.195	38.07
LOCATION L0051286	VOLUME	567969.670	4220454.195	38.23
LOCATION L0051287	VOLUME	567966.070	4220454.195	38.41
LOCATION L0051288	VOLUME	567962.470	4220454.195	38.61
LOCATION L0051289	VOLUME	567958.870	4220454.195	38.79
LOCATION L0051290	VOLUME	567955.270	4220454.195	38.97
LOCATION L0051291	VOLUME	567951.670	4220454.195	39.14
LOCATION L0051292	VOLUME	567948.070	4220454.195	39.25
LOCATION L0051293	VOLUME	567944.470	4220454.195	39.37
LOCATION L0051294	VOLUME	567940.870	4220454.195	39.47
LOCATION L0051295	VOLUME	567937.270	4220454.195	39.57
LOCATION L0051296	VOLUME	567933.670	4220454.195	39.62
LOCATION L0051297	VOLUME	567930.070	4220454.195	39.65
LOCATION L0051298	VOLUME	567926.470	4220454.195	39.67
LOCATION L0051299	VOLUME	567922.870	4220454.195	39.66
LOCATION L0051300	VOLUME	567919.270	4220454.195	39.65
LOCATION L0051301	VOLUME	567915.670	4220454.195	39.66
LOCATION L0051302	VOLUME	567912.070	4220454.195	39.67
LOCATION L0051303	VOLUME	567908.470	4220454.195	39.71
LOCATION L0051304	VOLUME	567904.870	4220454.195	39.76
LOCATION L0051305	VOLUME	567901.270	4220454.195	39.83
LOCATION L0051306	VOLUME	567897.670	4220454.195	39.90
LOCATION L0051307	VOLUME	567894.070	4220454.195	39.97
LOCATION L0051308	VOLUME	567890.485	4220454.325	40.03
LOCATION L0051309	VOLUME	567886.974	4220455.123	40.12
LOCATION L0051310	VOLUME	567883.464	4220455.920	40.14
LOCATION L0051311	VOLUME	567879.953	4220456.718	40.19
LOCATION L0051312	VOLUME	567876.466	4220457.599	40.26
LOCATION L0051313	VOLUME	567873.069	4220458.788	40.35
LOCATION L0051314	VOLUME	567869.671	4220459.977	40.43
LOCATION L0051315	VOLUME	567866.273	4220461.166	40.44
LOCATION L0051316	VOLUME	567863.076	4220462.759	40.41
LOCATION L0051317	VOLUME	567860.081	4220464.756	40.28
LOCATION L0051318	VOLUME	567857.085	4220466.753	40.08

NorthgateVallejo\_HRA\_PM10\_012219.ADI

```
** End of LINE VOLUME Source ID = TRUCK_CIR
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCK_IDLE
** DESCRSRC truck idling and refrigeration emissions at docks
** PREFIX
** Length of Side = 3.60
** Configuration = Adjacent
** Emission Rate = 5.21E-06
** Vertical Dimension = 4.15
** SZINIT = 1.93
** Nodes = 3
** 567931.897, 4220220.264, 36.04, 3.70, 1.67
** 567930.351, 4220197.584, 35.67, 3.70, 1.67
** 567954.748, 4220195.523, 35.91, 3.70, 1.67
** -----
LOCATION L0051319    VOLUME    567931.775 4220218.468 35.89
LOCATION L0051320    VOLUME    567931.530 4220214.876 35.81
LOCATION L0051321    VOLUME    567931.285 4220211.284 35.74
LOCATION L0051322    VOLUME    567931.040 4220207.693 35.70
LOCATION L0051323    VOLUME    567930.796 4220204.101 35.70
LOCATION L0051324    VOLUME    567930.551 4220200.509 35.69
LOCATION L0051325    VOLUME    567931.017 4220197.528 35.71
LOCATION L0051326    VOLUME    567934.604 4220197.225 35.73
LOCATION L0051327    VOLUME    567938.191 4220196.922 35.75
LOCATION L0051328    VOLUME    567941.779 4220196.619 35.77
LOCATION L0051329    VOLUME    567945.366 4220196.316 35.78
LOCATION L0051330    VOLUME    567948.953 4220196.012 35.83
LOCATION L0051331    VOLUME    567952.540 4220195.709 35.89
** End of LINE VOLUME Source ID = TRUCK_IDLE
LOCATION GS_TRUCK    AREA      567808.130 4220196.180    32.490
** DESCRSRC diesel truck idling at gas station
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NB2_TRUCK
** DESCRSRC northbound truck route on-ramp
** PREFIX
** Length of Side = 3.60
** Configuration = Adjacent
** Emission Rate = 7.53E-06
** Vertical Dimension = 4.15
** SZINIT = 1.93
** Nodes = 6
** 567645.590, 4219930.720, 31.88, 3.70, 1.67
** 567624.344, 4219930.086, 32.14, 3.70, 1.67
** 567611.025, 4219939.282, 31.90, 3.70, 1.67
** 567600.243, 4219951.650, 31.66, 3.70, 1.67
** 567598.657, 4219971.945, 32.42, 3.70, 1.67
```

NorthgateVallejo\_HRA\_PM10\_012219.ADI

\*\* 567603.097, 4219994.144, 32.17, 3.70, 1.67

\*\* -----

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0051332	567643.791	4219930.667	31.89	
L0051333	567640.193	4219930.559	31.92	
L0051334	567636.594	4219930.452	31.96	
L0051335	567632.996	4219930.344	32.00	
L0051336	567629.398	4219930.237	32.04	
L0051337	567625.799	4219930.130	32.09	
L0051338	567622.579	4219931.304	32.07	
L0051339	567619.617	4219933.350	32.00	
L0051340	567616.655	4219935.395	31.95	
L0051341	567613.692	4219937.441	31.91	
L0051342	567610.789	4219939.553	31.89	
L0051343	567608.423	4219942.266	31.88	
L0051344	567606.058	4219944.980	31.89	
L0051345	567603.692	4219947.693	31.93	
L0051346	567601.326	4219950.407	31.98	
L0051347	567600.091	4219953.595	32.03	
L0051348	567599.810	4219957.184	32.04	
L0051349	567599.530	4219960.773	32.06	
L0051350	567599.250	4219964.362	32.13	
L0051351	567598.969	4219967.951	32.19	
L0051352	567598.689	4219971.540	32.25	
L0051353	567599.283	4219975.077	32.23	
L0051354	567599.989	4219978.607	32.21	
L0051355	567600.695	4219982.137	32.22	
L0051356	567601.401	4219985.667	32.27	
L0051357	567602.107	4219989.197	32.32	
L0051358	567602.813	4219992.727	32.37	

\*\* End of LINE VOLUME Source ID = NB2\_TRUCK

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SB2\_TRUCK

\*\* DESCRSRC southbound truck route off-ramp

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 7.53E-06

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 7

\*\* 567400.927, 4219736.634, 39.38, 3.70, 1.67

\*\* 567402.830, 4219754.712, 40.92, 3.70, 1.67

\*\* 567428.837, 4219782.938, 41.90, 3.70, 1.67

\*\* 567451.037, 4219806.408, 41.34, 3.70, 1.67

\*\* 567485.924, 4219843.197, 37.71, 3.70, 1.67

\*\* 567498.927, 4219865.081, 37.89, 3.70, 1.67

\*\* 567505.135, 4219875.225, 37.87, 3.70, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADI

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LOCATION	L0051359	VOLUME	567401.116	4219738.425	39.96
LOCATION	L0051360	VOLUME	567401.493	4219742.005	40.17
LOCATION	L0051361	VOLUME	567401.869	4219745.585	40.46
LOCATION	L0051362	VOLUME	567402.246	4219749.165	40.77
LOCATION	L0051363	VOLUME	567402.623	4219752.745	41.08
LOCATION	L0051364	VOLUME	567403.930	4219755.905	41.31
LOCATION	L0051365	VOLUME	567406.369	4219758.553	41.42
LOCATION	L0051366	VOLUME	567408.808	4219761.200	41.48
LOCATION	L0051367	VOLUME	567411.248	4219763.848	41.55
LOCATION	L0051368	VOLUME	567413.687	4219766.496	41.60
LOCATION	L0051369	VOLUME	567416.126	4219769.143	41.61
LOCATION	L0051370	VOLUME	567418.566	4219771.791	41.64
LOCATION	L0051371	VOLUME	567421.005	4219774.438	41.69
LOCATION	L0051372	VOLUME	567423.444	4219777.086	41.72
LOCATION	L0051373	VOLUME	567425.884	4219779.733	41.76
LOCATION	L0051374	VOLUME	567428.323	4219782.381	41.80
LOCATION	L0051375	VOLUME	567430.790	4219785.003	41.83
LOCATION	L0051376	VOLUME	567433.263	4219787.618	41.84
LOCATION	L0051377	VOLUME	567435.737	4219790.234	41.86
LOCATION	L0051378	VOLUME	567438.211	4219792.849	41.88
LOCATION	L0051379	VOLUME	567440.685	4219795.464	41.88
LOCATION	L0051380	VOLUME	567443.159	4219798.080	41.86
LOCATION	L0051381	VOLUME	567445.633	4219800.695	41.83
LOCATION	L0051382	VOLUME	567448.107	4219803.310	41.78
LOCATION	L0051383	VOLUME	567450.581	4219805.925	41.72
LOCATION	L0051384	VOLUME	567453.057	4219808.538	41.65
LOCATION	L0051385	VOLUME	567455.535	4219811.150	41.58
LOCATION	L0051386	VOLUME	567458.012	4219813.763	41.50
LOCATION	L0051387	VOLUME	567460.489	4219816.375	41.41
LOCATION	L0051388	VOLUME	567462.966	4219818.987	41.32
LOCATION	L0051389	VOLUME	567465.443	4219821.599	41.19
LOCATION	L0051390	VOLUME	567467.920	4219824.212	41.01
LOCATION	L0051391	VOLUME	567470.397	4219826.824	40.74
LOCATION	L0051392	VOLUME	567472.874	4219829.436	40.31
LOCATION	L0051393	VOLUME	567475.352	4219832.048	39.75
LOCATION	L0051394	VOLUME	567477.829	4219834.661	39.07
LOCATION	L0051395	VOLUME	567480.306	4219837.273	38.63
LOCATION	L0051396	VOLUME	567482.783	4219839.885	38.27
LOCATION	L0051397	VOLUME	567485.260	4219842.497	37.82
LOCATION	L0051398	VOLUME	567487.737	4219845.109	37.56
LOCATION	L0051399	VOLUME	567489.214	4219847.721	37.71
LOCATION	L0051400	VOLUME	567490.691	4219850.333	37.76
LOCATION	L0051401	VOLUME	567492.168	4219852.945	37.66
LOCATION	L0051402	VOLUME	567493.645	4219855.557	37.55
LOCATION	L0051403	VOLUME	567495.122	4219858.169	37.70
LOCATION	L0051404	VOLUME	567496.599	4219860.781	37.75
LOCATION	L0051405	VOLUME	567498.076	4219863.393	37.72

NorthgateVallejo\_HRA\_PM10\_012219.ADI

LOCATION L0051406 VOLUME 567502.049 4219870.181 37.62

LOCATION L0051407 VOLUME 567503.928 4219873.252 37.59

\*\* End of LINE VOLUME Source ID = SB2\_TRUCK

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = NB\_TRUCK

SRCPARAM L0050487	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050488	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050489	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050490	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050491	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050492	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050493	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050494	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050495	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050496	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050497	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050498	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050499	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050500	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050501	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050502	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050503	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050504	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050505	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050506	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050507	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050508	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050509	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050510	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050511	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050512	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050513	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050514	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050515	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050516	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050517	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050518	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050519	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050520	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050521	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050522	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050523	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050524	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050525	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050526	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050527	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050528	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050529	0.00000002544	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050530	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050531	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050532	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050533	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050534	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050535	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050536	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050537	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050538	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050539	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050540	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050541	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050542	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050543	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050544	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050545	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050546	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050547	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050548	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050549	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050550	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050551	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050552	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050553	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050554	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050555	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050556	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050557	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050558	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050559	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050560	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050561	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050562	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050563	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050564	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050565	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050566	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050567	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050568	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050569	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050570	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050571	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050572	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050573	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050574	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050575	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050576	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050577	0.00000002544	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050578	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050579	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050580	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050581	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050582	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050583	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050584	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050585	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050586	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050587	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050588	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050589	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050590	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050591	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050592	0.00000002544	3.70	1.67	1.93
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SRCPARAM L0050594	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050595	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050596	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050597	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050598	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050599	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050600	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050601	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050602	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050603	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050604	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050605	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050606	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050607	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050608	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050609	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050610	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050611	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050612	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050613	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050614	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050615	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050616	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050617	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050618	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050619	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050620	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050621	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050622	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050623	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050624	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050625	0.00000002544	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050626	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050627	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050628	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050629	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050630	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050631	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050632	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050633	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050634	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050635	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050636	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050637	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050638	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050639	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050640	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050641	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050642	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050643	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050644	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050645	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050646	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050647	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050648	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050649	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050650	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050651	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050652	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050653	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050654	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050655	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050656	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050657	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050658	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050659	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050660	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050661	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050662	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050663	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050664	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050665	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050666	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050667	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050668	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050669	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050670	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050671	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050672	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050673	0.00000002544	3.70	1.67	1.93



NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0050674	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050675	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050676	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050677	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050678	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050679	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050680	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050681	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050682	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050683	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050684	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050685	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050686	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050687	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050688	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050689	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050690	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050691	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050692	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050693	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050694	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050695	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050696	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050697	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050698	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050699	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050700	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050701	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050702	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050703	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050704	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050705	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050706	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050707	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050708	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050709	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050710	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050711	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050712	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050713	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050714	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050715	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050716	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050717	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050718	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050719	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050720	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050721	0.00000002544	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050722	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050723	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050724	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050725	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050726	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050727	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050728	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050729	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050730	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050731	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050732	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050733	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050734	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050735	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050736	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050737	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050738	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050739	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050740	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050741	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050742	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050743	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050744	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050745	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050746	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050747	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050748	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050749	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050750	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050751	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050752	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050753	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050754	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050755	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050756	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050757	0.00000002544	3.70	1.67	1.93
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SRCPARAM L0050759	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050760	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050761	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050762	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050763	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050764	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050765	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050766	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050767	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050768	0.00000002544	3.70	1.67	1.93
SRCPARAM L0050769	0.00000002544	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0050770	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050771	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050772	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050773	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050774	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050775	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050776	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050777	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050778	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050779	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050780	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050781	0.00000002544	3.70	1.67	1.93
SRCPARAM	L0050782	0.00000002544	3.70	1.67	1.93

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\*\* LINE VOLUME Source ID = SB\_TRUCK

SRCPARAM	L0050783	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050784	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050785	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050786	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050787	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050788	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050789	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050790	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050791	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050792	0.00000002317	3.70	1.67	1.93
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SRCPARAM	L0050799	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050800	0.00000002317	3.70	1.67	1.93
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SRCPARAM	L0050802	0.00000002317	3.70	1.67	1.93
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SRCPARAM	L0050805	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050806	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050807	0.00000002317	3.70	1.67	1.93
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SRCPARAM	L0050809	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050810	0.00000002317	3.70	1.67	1.93
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SRCPARAM	L0050813	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050814	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050815	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0050816	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050817	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050818	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050819	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050820	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050821	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050822	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050823	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050824	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050825	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050826	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050827	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050828	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050829	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050830	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050831	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050832	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050833	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050834	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050835	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050836	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050837	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050838	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050839	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050840	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050841	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050842	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050843	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050844	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050845	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050846	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050847	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050848	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050849	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050850	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050851	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050852	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050853	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050854	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050855	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050856	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050857	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050858	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050859	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050860	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050861	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050862	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0050863	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050864	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050865	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050866	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050867	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050868	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050869	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050870	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050871	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050872	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050873	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050874	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050875	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050876	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050877	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050878	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050879	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050880	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050881	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050882	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050883	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050884	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050885	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050886	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050887	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050888	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050889	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050890	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050891	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050892	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050893	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050894	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050895	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050896	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050897	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050898	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050899	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050900	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050901	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050902	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050903	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050904	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050905	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050906	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050907	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050908	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050909	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050910	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050911	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050912	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050913	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050914	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050915	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050916	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050917	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050918	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050919	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050920	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050921	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050922	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050923	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050924	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050925	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050926	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050927	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050928	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050929	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050930	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050931	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050932	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050933	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050934	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050935	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050936	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050937	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050938	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050939	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050940	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050941	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050942	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050943	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050944	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050945	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050946	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050947	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050948	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050949	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050950	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050951	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050952	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050953	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050954	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050955	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050956	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050957	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050958	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050959	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0050960	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050961	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050962	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050963	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050964	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050965	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050966	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050967	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050968	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050969	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050970	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050971	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050972	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050973	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050974	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050975	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050976	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050977	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050978	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050979	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050980	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050981	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050982	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050983	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050984	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050985	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050986	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050987	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050988	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050989	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050990	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050991	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050992	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050993	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050994	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050995	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050996	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050997	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050998	0.00000002317	3.70	1.67	1.93
SRCPARAM L0050999	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051000	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051001	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051002	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051003	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051004	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051005	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051006	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051007	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051008	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051009	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051010	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051011	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051012	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051013	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051014	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051015	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051016	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051017	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051018	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051019	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051020	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051021	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051022	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051023	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051024	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051025	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051026	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051027	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051028	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051029	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051030	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051031	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051032	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051033	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051034	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051035	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051036	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051037	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051038	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051039	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051040	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051041	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051042	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051043	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051044	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051045	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051046	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051047	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051048	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051049	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051050	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051051	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051052	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051053	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051054	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051055	0.00000002317	3.70	1.67	1.93



NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0051056	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051057	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051058	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051059	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051060	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051061	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051062	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051063	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051064	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051065	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051066	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051067	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051068	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051069	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051070	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051071	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051072	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051073	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051074	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051075	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051076	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051077	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051078	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051079	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051080	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051081	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051082	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051083	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051084	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051085	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051086	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051087	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051088	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051089	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051090	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051091	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051092	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051093	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051094	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051095	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051096	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051097	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051098	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051099	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051100	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051101	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051102	0.00000002317	3.70	1.67	1.93
SRCPARAM L0051103	0.00000002317	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051104	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051105	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051106	0.00000002317	3.70	1.67	1.93
SRCPARAM	L0051107	0.00000002317	3.70	1.67	1.93

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\*\* LINE VOLUME Source ID = TRUCK\_CIR

SRCPARAM	L0051108	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051109	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051110	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051111	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051112	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051113	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051114	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051115	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051116	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051117	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051118	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051119	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051120	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051121	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051122	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051123	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051124	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051125	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051126	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051127	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051128	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051129	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051130	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051131	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051132	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051133	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051134	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051135	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051136	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051137	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051138	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051139	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051140	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051141	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051142	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051143	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051144	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051145	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051146	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051147	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051148	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051149	0.00000004066	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051150	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051151	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051152	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051153	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051154	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051155	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051156	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051157	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051158	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051159	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051160	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051161	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051162	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051163	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051164	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051165	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051166	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051167	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051168	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051169	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051170	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051171	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051172	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051173	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051174	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051175	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051176	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051177	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051178	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051179	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051180	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051181	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051182	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051183	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051184	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051185	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051186	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051187	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051188	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051189	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051190	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051191	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051192	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051193	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051194	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051195	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051196	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051197	0.00000004066	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0051198	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051199	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051200	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051201	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051202	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051203	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051204	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051205	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051206	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051207	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051208	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051209	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051210	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051211	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051212	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051213	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051214	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051215	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051216	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051217	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051218	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051219	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051220	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051221	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051222	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051223	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051224	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051225	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051226	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051227	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051228	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051229	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051230	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051231	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051232	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051233	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051234	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051235	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051236	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051237	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051238	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051239	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051240	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051241	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051242	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051243	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051244	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051245	0.00000004066	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM L0051246	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051247	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051248	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051249	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051250	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051251	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051252	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051253	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051254	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051255	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051256	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051257	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051258	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051259	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051260	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051261	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051262	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051263	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051264	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051265	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051266	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051267	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051268	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051269	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051270	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051271	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051272	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051273	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051274	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051275	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051276	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051277	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051278	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051279	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051280	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051281	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051282	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051283	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051284	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051285	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051286	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051287	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051288	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051289	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051290	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051291	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051292	0.00000004066	3.70	1.67	1.93
SRCPARAM L0051293	0.00000004066	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051294	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051295	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051296	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051297	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051298	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051299	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051300	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051301	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051302	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051303	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051304	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051305	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051306	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051307	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051308	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051309	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051310	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051311	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051312	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051313	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051314	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051315	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051316	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051317	0.00000004066	3.70	1.67	1.93
SRCPARAM	L0051318	0.00000004066	3.70	1.67	1.93

\*\*

\*\* LINE VOLUME Source ID = TRUCK\_IDLE

SRCPARAM	L0051319	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051320	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051321	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051322	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051323	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051324	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051325	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051326	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051327	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051328	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051329	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051330	0.0000004008	3.70	1.67	1.93
SRCPARAM	L0051331	0.0000004008	3.70	1.67	1.93

\*\*

SRCPARAM GS\_TRUCK 1.65E-09 3.700 48.310 56.410 0.000

\*\* LINE VOLUME Source ID = NB2\_TRUCK

SRCPARAM	L0051332	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051333	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051334	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051335	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051336	0.0000002789	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051337	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051338	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051339	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051340	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051341	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051342	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051343	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051344	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051345	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051346	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051347	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051348	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051349	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051350	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051351	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051352	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051353	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051354	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051355	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051356	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051357	0.0000002789	3.70	1.67	1.93
SRCPARAM	L0051358	0.0000002789	3.70	1.67	1.93

\*\*

\*\* LINE VOLUME Source ID = SB2\_TRUCK

SRCPARAM	L0051359	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051360	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051361	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051362	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051363	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051364	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051365	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051366	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051367	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051368	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051369	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051370	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051371	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051372	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051373	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051374	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051375	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051376	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051377	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051378	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051379	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051380	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051381	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051382	0.0000001537	3.70	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADI

SRCPARAM	L0051383	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051384	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051385	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051386	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051387	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051388	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051389	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051390	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051391	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051392	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051393	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051394	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051395	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051396	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051397	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051398	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051399	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051400	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051401	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051402	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051403	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051404	0.0000001537	3.70	1.67	1.93
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SRCPARAM	L0051406	0.0000001537	3.70	1.67	1.93
SRCPARAM	L0051407	0.0000001537	3.70	1.67	1.93

\*\* -----

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED NorthgateVallejo\_HRA\_PM10\_012219.rou

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE NapaCountyAirport\_MetData\724955.SFC

PROFFILE NapaCountyAirport\_MetData\724955.PFL

SURFDATA 93227 2009 Napa\_County\_Airport



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NorthgateVallejo_HRA_PM10_012219.ADI
UAIRDATA 23230 2009 OAKLAND/WSO_AP
PROFBASE 4.3 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST NORTHGATEVALLEJO_HRA_PM10_012219.AD\01H1GALL.PLT 31
  PLOTFILE 24 ALL 1ST NORTHGATEVALLEJO_HRA_PM10_012219.AD\24H1GALL.PLT 32
  PLOTFILE ANNUAL ALL NORTHGATEVALLEJO_HRA_PM10_012219.AD\AN00GALL.PLT 33
  SUMMFILE NorthgateVallejo_HRA_PM10_012219.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
**
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 1/16/2019
** File:
C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA_PM10\NorthgateVallejo_HRA_PM10\NorthgateVallejo_HRA_PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA\NorthgateVallejo_H
  MODELOPT DFAULT CONC
  AVERTIME 1 24 ANNUAL
  URBANOPT 445458 Solano_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL NorthgateVallejo_HRA_PM10.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NB_TRUCK
** DESCRSRC northbound truck route
** PREFIX
** Length of Side = 3.60
** Configuration = Adjacent
** Emission Rate = 0.0000201
** Vertical Dimension = 4.15
** SZINIT = 1.93
** Nodes = 18
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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 \*\* 567504.229, 4219648.311, 41.43, 0.00, 1.67  
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 \*\* 567518.501, 4219693.401, 41.60, 0.00, 1.67  
 \*\* 567535.311, 4219707.269, 42.73, 0.00, 1.67  
 \*\* 567552.542, 4219714.414, 42.29, 0.00, 1.67  
 \*\* 567625.667, 4219740.049, 37.42, 0.00, 1.67  
 \*\* 567651.723, 4219754.338, 36.62, 0.00, 1.67  
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 \*\* 567676.813, 4219785.615, 36.20, 0.00, 1.67  
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 \*\* 567657.799, 4220038.315, 31.08, 0.00, 1.67  
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 \*\* 567709.344, 4220172.554, 30.64, 0.00, 1.67  
 \*\* 567855.180, 4220468.079, 39.93, 0.00, 1.67  
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LOCATION	L0048843	VOLUME	567486.929	4219553.484	37.38
LOCATION	L0048844	VOLUME	567487.575	4219557.026	37.56
LOCATION	L0048845	VOLUME	567488.221	4219560.567	37.86
LOCATION	L0048846	VOLUME	567488.867	4219564.109	38.22
LOCATION	L0048847	VOLUME	567489.513	4219567.651	38.60
LOCATION	L0048848	VOLUME	567490.159	4219571.192	38.90
LOCATION	L0048849	VOLUME	567490.805	4219574.734	39.19
LOCATION	L0048850	VOLUME	567491.451	4219578.275	39.48
LOCATION	L0048851	VOLUME	567492.098	4219581.817	39.71
LOCATION	L0048852	VOLUME	567492.744	4219585.358	39.93
LOCATION	L0048853	VOLUME	567493.390	4219588.900	40.17
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LOCATION	L0048856	VOLUME	567495.328	4219599.524	40.60
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LOCATION	L0048858	VOLUME	567496.620	4219606.608	40.87
LOCATION	L0048859	VOLUME	567497.266	4219610.149	40.98
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LOCATION	L0048864	VOLUME	567500.497	4219627.857	41.15
LOCATION	L0048865	VOLUME	567501.143	4219631.398	41.20
LOCATION	L0048866	VOLUME	567501.789	4219634.940	41.23
LOCATION	L0048867	VOLUME	567502.435	4219638.481	41.26
LOCATION	L0048868	VOLUME	567503.081	4219642.023	41.28
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LOCATION	L0048870	VOLUME	567504.364	4219649.108	41.31
LOCATION	L0048871	VOLUME	567504.966	4219652.657	41.32

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0048872	VOLUME	567505.568	4219656.206	41.33
LOCATION	L0048873	VOLUME	567506.170	4219659.756	41.33
LOCATION	L0048874	VOLUME	567506.772	4219663.305	41.34
LOCATION	L0048875	VOLUME	567507.375	4219666.854	41.34
LOCATION	L0048876	VOLUME	567507.977	4219670.404	41.34
LOCATION	L0048877	VOLUME	567508.579	4219673.953	41.31
LOCATION	L0048878	VOLUME	567509.181	4219677.502	41.26
LOCATION	L0048879	VOLUME	567509.783	4219681.051	41.21
LOCATION	L0048880	VOLUME	567511.177	4219684.246	41.26
LOCATION	L0048881	VOLUME	567513.426	4219687.057	41.40
LOCATION	L0048882	VOLUME	567515.675	4219689.868	41.52
LOCATION	L0048883	VOLUME	567517.924	4219692.679	41.64
LOCATION	L0048884	VOLUME	567520.565	4219695.104	41.80
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LOCATION	L0048886	VOLUME	567526.119	4219699.686	42.10
LOCATION	L0048887	VOLUME	567528.896	4219701.977	42.23
LOCATION	L0048888	VOLUME	567531.673	4219704.268	42.30
LOCATION	L0048889	VOLUME	567534.450	4219706.559	42.36
LOCATION	L0048890	VOLUME	567537.605	4219708.220	42.44
LOCATION	L0048891	VOLUME	567540.931	4219709.599	42.49
LOCATION	L0048892	VOLUME	567544.256	4219710.978	42.50
LOCATION	L0048893	VOLUME	567547.582	4219712.357	42.37
LOCATION	L0048894	VOLUME	567550.907	4219713.736	42.10
LOCATION	L0048895	VOLUME	567554.269	4219715.019	41.79
LOCATION	L0048896	VOLUME	567557.667	4219716.210	41.50
LOCATION	L0048897	VOLUME	567561.064	4219717.401	41.23
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LOCATION	L0048899	VOLUME	567567.858	4219719.783	40.70
LOCATION	L0048900	VOLUME	567571.256	4219720.974	40.47
LOCATION	L0048901	VOLUME	567574.653	4219722.165	40.27
LOCATION	L0048902	VOLUME	567578.050	4219723.356	40.10
LOCATION	L0048903	VOLUME	567581.448	4219724.547	39.92
LOCATION	L0048904	VOLUME	567584.845	4219725.738	39.76
LOCATION	L0048905	VOLUME	567588.242	4219726.929	39.64
LOCATION	L0048906	VOLUME	567591.639	4219728.120	39.52
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LOCATION	L0048908	VOLUME	567598.434	4219730.502	39.32
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LOCATION	L0048913	VOLUME	567615.420	4219736.457	38.43
LOCATION	L0048914	VOLUME	567618.818	4219737.648	38.11
LOCATION	L0048915	VOLUME	567622.215	4219738.839	37.77
LOCATION	L0048916	VOLUME	567625.612	4219740.030	37.48
LOCATION	L0048917	VOLUME	567628.773	4219741.752	37.28
LOCATION	L0048918	VOLUME	567631.929	4219743.483	37.13
LOCATION	L0048919	VOLUME	567635.086	4219745.214	37.01

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0048920	VOLUME	567638.242	4219746.945	36.91
LOCATION	L0048921	VOLUME	567641.399	4219748.676	36.81
LOCATION	L0048922	VOLUME	567644.555	4219750.407	36.75
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LOCATION	L0048924	VOLUME	567650.868	4219753.869	36.61
LOCATION	L0048925	VOLUME	567653.967	4219755.701	36.55
LOCATION	L0048926	VOLUME	567657.044	4219757.569	36.49
LOCATION	L0048927	VOLUME	567660.121	4219759.437	36.43
LOCATION	L0048928	VOLUME	567663.199	4219761.305	36.37
LOCATION	L0048929	VOLUME	567665.710	4219763.868	36.27
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LOCATION	L0048933	VOLUME	567674.192	4219775.131	35.82
LOCATION	L0048934	VOLUME	567675.065	4219778.624	35.92
LOCATION	L0048935	VOLUME	567675.938	4219782.116	36.06
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LOCATION	L0048937	VOLUME	567676.379	4219789.182	36.19
LOCATION	L0048938	VOLUME	567675.945	4219792.756	36.18
LOCATION	L0048939	VOLUME	567675.511	4219796.330	36.18
LOCATION	L0048940	VOLUME	567675.077	4219799.903	36.12
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LOCATION	L0048942	VOLUME	567674.208	4219807.051	35.97
LOCATION	L0048943	VOLUME	567673.774	4219810.624	35.84
LOCATION	L0048944	VOLUME	567673.296	4219814.192	35.72
LOCATION	L0048945	VOLUME	567672.699	4219817.742	35.60
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LOCATION	L0048951	VOLUME	567669.119	4219839.043	34.82
LOCATION	L0048952	VOLUME	567668.523	4219842.593	34.69
LOCATION	L0048953	VOLUME	567668.060	4219846.162	34.56
LOCATION	L0048954	VOLUME	567667.681	4219849.742	34.41
LOCATION	L0048955	VOLUME	567667.301	4219853.322	34.26
LOCATION	L0048956	VOLUME	567666.922	4219856.902	34.10
LOCATION	L0048957	VOLUME	567666.542	4219860.482	33.97
LOCATION	L0048958	VOLUME	567666.162	4219864.062	33.84
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LOCATION	L0048960	VOLUME	567665.403	4219871.222	33.57
LOCATION	L0048961	VOLUME	567665.024	4219874.802	33.43
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LOCATION	L0048963	VOLUME	567664.264	4219881.961	33.15
LOCATION	L0048964	VOLUME	567663.885	4219885.541	33.02
LOCATION	L0048965	VOLUME	567663.505	4219889.121	32.89
LOCATION	L0048966	VOLUME	567663.126	4219892.701	32.79
LOCATION	L0048967	VOLUME	567662.746	4219896.281	32.68

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0048968	VOLUME	567662.366	4219899.861	32.57
LOCATION L0048969	VOLUME	567661.987	4219903.441	32.48
LOCATION L0048970	VOLUME	567661.607	4219907.021	32.38
LOCATION L0048971	VOLUME	567661.228	4219910.601	32.29
LOCATION L0048972	VOLUME	567660.848	4219914.181	32.20
LOCATION L0048973	VOLUME	567660.468	4219917.761	32.10
LOCATION L0048974	VOLUME	567660.089	4219921.341	32.01
LOCATION L0048975	VOLUME	567659.709	4219924.921	31.92
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LOCATION L0048979	VOLUME	567658.191	4219939.240	31.46
LOCATION L0048980	VOLUME	567657.811	4219942.820	31.35
LOCATION L0048981	VOLUME	567657.432	4219946.400	31.24
LOCATION L0048982	VOLUME	567657.052	4219949.980	31.13
LOCATION L0048983	VOLUME	567656.673	4219953.560	31.05
LOCATION L0048984	VOLUME	567656.293	4219957.140	30.98
LOCATION L0048985	VOLUME	567655.913	4219960.720	30.91
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LOCATION L0048987	VOLUME	567655.154	4219967.880	30.81
LOCATION L0048988	VOLUME	567654.775	4219971.460	30.77
LOCATION L0048989	VOLUME	567654.395	4219975.040	30.71
LOCATION L0048990	VOLUME	567654.015	4219978.620	30.66
LOCATION L0048991	VOLUME	567653.636	4219982.199	30.63
LOCATION L0048992	VOLUME	567653.256	4219985.779	30.65
LOCATION L0048993	VOLUME	567652.876	4219989.359	30.67
LOCATION L0048994	VOLUME	567652.496	4219992.939	30.70
LOCATION L0048995	VOLUME	567652.116	4219996.519	30.74
LOCATION L0048996	VOLUME	567651.736	4220000.099	30.79
LOCATION L0048997	VOLUME	567651.356	4220003.679	30.83
LOCATION L0048998	VOLUME	567650.976	4220007.259	30.88
LOCATION L0048999	VOLUME	567650.596	4220010.839	30.93
LOCATION L0049000	VOLUME	567650.216	4220014.419	30.96
LOCATION L0049001	VOLUME	567649.836	4220017.999	30.98
LOCATION L0049002	VOLUME	567649.456	4220021.579	31.00
LOCATION L0049003	VOLUME	567649.076	4220025.159	31.02
LOCATION L0049004	VOLUME	567648.696	4220028.739	31.04
LOCATION L0049005	VOLUME	567648.316	4220032.319	31.07
LOCATION L0049006	VOLUME	567647.936	4220035.899	31.08
LOCATION L0049007	VOLUME	567647.556	4220039.479	31.08
LOCATION L0049008	VOLUME	567647.176	4220043.059	31.08
LOCATION L0049009	VOLUME	567646.796	4220046.639	31.09
LOCATION L0049010	VOLUME	567646.416	4220049.219	31.10
LOCATION L0049011	VOLUME	567646.036	4220052.799	31.11
LOCATION L0049012	VOLUME	567645.656	4220056.379	31.12
LOCATION L0049013	VOLUME	567645.276	4220060.959	31.12
LOCATION L0049014	VOLUME	567644.896	4220064.539	31.13
LOCATION L0049015	VOLUME	567644.516	4220068.119	31.13

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049016	VOLUME	567668.844	4220070.095	31.15
LOCATION	L0049017	VOLUME	567670.167	4220073.443	31.18
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LOCATION	L0049022	VOLUME	567676.784	4220090.183	31.04
LOCATION	L0049023	VOLUME	567678.107	4220093.531	31.01
LOCATION	L0049024	VOLUME	567679.431	4220096.878	30.98
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LOCATION	L0049027	VOLUME	567683.401	4220106.922	30.92
LOCATION	L0049028	VOLUME	567684.724	4220110.270	30.91
LOCATION	L0049029	VOLUME	567686.048	4220113.618	30.90
LOCATION	L0049030	VOLUME	567687.371	4220116.966	30.89
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LOCATION	L0049033	VOLUME	567691.341	4220127.010	30.84
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LOCATION	L0049035	VOLUME	567693.988	4220133.706	30.79
LOCATION	L0049036	VOLUME	567695.311	4220137.054	30.77
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LOCATION	L0049040	VOLUME	567700.605	4220150.446	30.71
LOCATION	L0049041	VOLUME	567701.928	4220153.794	30.70
LOCATION	L0049042	VOLUME	567703.251	4220157.141	30.70
LOCATION	L0049043	VOLUME	567704.575	4220160.489	30.70
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LOCATION	L0049045	VOLUME	567707.221	4220167.185	30.66
LOCATION	L0049046	VOLUME	567708.545	4220170.533	30.58
LOCATION	L0049047	VOLUME	567709.975	4220173.834	30.50
LOCATION	L0049048	VOLUME	567711.568	4220177.062	30.44
LOCATION	L0049049	VOLUME	567713.161	4220180.290	30.45
LOCATION	L0049050	VOLUME	567714.754	4220183.519	30.47
LOCATION	L0049051	VOLUME	567716.347	4220186.747	30.51
LOCATION	L0049052	VOLUME	567717.940	4220189.975	30.52
LOCATION	L0049053	VOLUME	567719.534	4220193.204	30.55
LOCATION	L0049054	VOLUME	567721.127	4220196.432	30.60
LOCATION	L0049055	VOLUME	567722.720	4220199.660	30.68
LOCATION	L0049056	VOLUME	567724.313	4220202.889	30.76
LOCATION	L0049057	VOLUME	567725.906	4220206.117	30.84
LOCATION	L0049058	VOLUME	567727.499	4220209.345	30.91
LOCATION	L0049059	VOLUME	567729.092	4220212.574	30.99
LOCATION	L0049060	VOLUME	567730.685	4220215.802	31.07
LOCATION	L0049061	VOLUME	567732.278	4220219.030	31.14
LOCATION	L0049062	VOLUME	567733.872	4220222.258	31.18
LOCATION	L0049063	VOLUME	567735.465	4220225.487	31.23

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049064	VOLUME	567737.058	4220228.715	31.29
LOCATION	L0049065	VOLUME	567738.651	4220231.943	31.33
LOCATION	L0049066	VOLUME	567740.244	4220235.172	31.36
LOCATION	L0049067	VOLUME	567741.837	4220238.400	31.39
LOCATION	L0049068	VOLUME	567743.430	4220241.628	31.36
LOCATION	L0049069	VOLUME	567745.023	4220244.857	31.33
LOCATION	L0049070	VOLUME	567746.617	4220248.085	31.29
LOCATION	L0049071	VOLUME	567748.210	4220251.313	31.26
LOCATION	L0049072	VOLUME	567749.803	4220254.542	31.23
LOCATION	L0049073	VOLUME	567751.396	4220257.770	31.20
LOCATION	L0049074	VOLUME	567752.989	4220260.998	31.16
LOCATION	L0049075	VOLUME	567754.582	4220264.227	31.13
LOCATION	L0049076	VOLUME	567756.175	4220267.455	31.09
LOCATION	L0049077	VOLUME	567757.768	4220270.683	31.06
LOCATION	L0049078	VOLUME	567759.361	4220273.911	31.06
LOCATION	L0049079	VOLUME	567760.955	4220277.140	31.05
LOCATION	L0049080	VOLUME	567762.548	4220280.368	31.05
LOCATION	L0049081	VOLUME	567764.141	4220283.596	31.07
LOCATION	L0049082	VOLUME	567765.734	4220286.825	31.11
LOCATION	L0049083	VOLUME	567767.327	4220290.053	31.15
LOCATION	L0049084	VOLUME	567768.920	4220293.281	31.22
LOCATION	L0049085	VOLUME	567770.513	4220296.510	31.30
LOCATION	L0049086	VOLUME	567772.106	4220299.738	31.39
LOCATION	L0049087	VOLUME	567773.699	4220302.966	31.46
LOCATION	L0049088	VOLUME	567775.293	4220306.195	31.55
LOCATION	L0049089	VOLUME	567776.886	4220309.423	31.65
LOCATION	L0049090	VOLUME	567778.479	4220312.651	31.74
LOCATION	L0049091	VOLUME	567780.072	4220315.879	31.81
LOCATION	L0049092	VOLUME	567781.665	4220319.108	31.89
LOCATION	L0049093	VOLUME	567783.258	4220322.336	31.91
LOCATION	L0049094	VOLUME	567784.851	4220325.564	31.85
LOCATION	L0049095	VOLUME	567786.444	4220328.793	31.79
LOCATION	L0049096	VOLUME	567788.037	4220332.021	31.71
LOCATION	L0049097	VOLUME	567789.631	4220335.249	31.62
LOCATION	L0049098	VOLUME	567791.224	4220338.478	31.53
LOCATION	L0049099	VOLUME	567792.817	4220341.706	31.50
LOCATION	L0049100	VOLUME	567794.410	4220344.934	31.67
LOCATION	L0049101	VOLUME	567796.003	4220348.163	31.85
LOCATION	L0049102	VOLUME	567797.596	4220351.391	32.06
LOCATION	L0049103	VOLUME	567799.189	4220354.619	32.35
LOCATION	L0049104	VOLUME	567800.782	4220357.848	32.71
LOCATION	L0049105	VOLUME	567802.375	4220361.076	33.04
LOCATION	L0049106	VOLUME	567803.969	4220364.304	33.32
LOCATION	L0049107	VOLUME	567805.562	4220367.532	33.55
LOCATION	L0049108	VOLUME	567807.155	4220370.761	33.79
LOCATION	L0049109	VOLUME	567808.748	4220373.989	34.03
LOCATION	L0049110	VOLUME	567810.341	4220377.217	34.25
LOCATION	L0049111	VOLUME	567811.934	4220380.446	34.48



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049112	VOLUME	567813.527	4220383.674	34.73
LOCATION	L0049113	VOLUME	567815.120	4220386.902	34.98
LOCATION	L0049114	VOLUME	567816.713	4220390.131	35.20
LOCATION	L0049115	VOLUME	567818.307	4220393.359	35.43
LOCATION	L0049116	VOLUME	567819.900	4220396.587	35.86
LOCATION	L0049117	VOLUME	567821.493	4220399.816	36.32
LOCATION	L0049118	VOLUME	567823.086	4220403.044	36.79
LOCATION	L0049119	VOLUME	567824.679	4220406.272	37.36
LOCATION	L0049120	VOLUME	567826.272	4220409.501	37.95
LOCATION	L0049121	VOLUME	567827.865	4220412.729	38.55
LOCATION	L0049122	VOLUME	567829.458	4220415.957	38.95
LOCATION	L0049123	VOLUME	567831.051	4220419.185	39.27
LOCATION	L0049124	VOLUME	567832.645	4220422.414	39.46
LOCATION	L0049125	VOLUME	567834.238	4220425.642	39.56
LOCATION	L0049126	VOLUME	567835.831	4220428.870	39.62
LOCATION	L0049127	VOLUME	567837.424	4220432.099	39.76
LOCATION	L0049128	VOLUME	567839.017	4220435.327	39.90
LOCATION	L0049129	VOLUME	567840.610	4220438.555	39.83
LOCATION	L0049130	VOLUME	567842.203	4220441.784	39.83
LOCATION	L0049131	VOLUME	567843.796	4220445.012	39.90
LOCATION	L0049132	VOLUME	567845.389	4220448.240	39.97
LOCATION	L0049133	VOLUME	567846.983	4220451.469	40.06
LOCATION	L0049134	VOLUME	567848.576	4220454.697	40.06
LOCATION	L0049135	VOLUME	567850.169	4220457.925	39.94
LOCATION	L0049136	VOLUME	567851.762	4220461.153	39.86
LOCATION	L0049137	VOLUME	567853.355	4220464.382	39.84
LOCATION	L0049138	VOLUME	567854.948	4220467.610	39.92

\*\* End of LINE VOLUME Source ID = NB\_TRUCK

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SB\_TRUCK

\*\* DESCRSRC southbound truck route

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000201

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 21

\*\* 567848.614, 4220471.567, 38.39, 0.00, 1.67

\*\* 567757.798, 4220290.924, 30.93, 0.00, 1.67

\*\* 567705.506, 4220176.417, 30.69, 0.00, 1.67

\*\* 567666.357, 4220098.271, 31.31, 0.00, 1.67

\*\* 567652.531, 4220063.020, 31.39, 0.00, 1.67

\*\* 567647.355, 4220035.508, 31.34, 0.00, 1.67

\*\* 567643.910, 4220004.837, 30.97, 0.00, 1.67

\*\* 567646.926, 4219959.839, 30.95, 0.00, 1.67

\*\* 567652.951, 4219896.947, 32.76, 0.00, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\* 567660.280, 4219816.531, 36.21, 0.00, 1.67  
 \*\* 567655.601, 4219806.127, 36.72, 0.00, 1.67  
 \*\* 567633.802, 4219794.682, 37.42, 0.00, 1.67  
 \*\* 567565.258, 4219776.006, 37.43, 0.00, 1.67  
 \*\* 567459.290, 4219747.818, 37.42, 0.00, 1.67  
 \*\* 567402.848, 4219733.581, 39.31, 0.00, 1.67  
 \*\* 567410.392, 4219707.400, 38.72, 0.00, 1.67  
 \*\* 567421.041, 4219684.326, 38.06, 0.00, 1.67  
 \*\* 567433.403, 4219636.667, 36.63, 0.00, 1.67  
 \*\* 567437.840, 4219615.810, 36.63, 0.00, 1.67  
 \*\* 567439.615, 4219582.528, 36.78, 0.00, 1.67  
 \*\* 567440.059, 4219545.252, 36.76, 0.00, 1.67

\*\*

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LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0049139	567847.805	4220469.959	38.80	
L0049140	567846.188	4220466.742	38.79	
L0049141	567844.571	4220463.526	38.68	
L0049142	567842.954	4220460.310	38.71	
L0049143	567841.337	4220457.093	38.88	
L0049144	567839.720	4220453.877	39.03	
L0049145	567838.103	4220450.660	38.91	
L0049146	567836.486	4220447.444	38.66	
L0049147	567834.869	4220444.228	38.57	
L0049148	567833.252	4220441.011	38.59	
L0049149	567831.635	4220437.795	38.73	
L0049150	567830.018	4220434.578	38.90	
L0049151	567828.401	4220431.362	38.62	
L0049152	567826.784	4220428.146	38.46	
L0049153	567825.167	4220424.929	38.44	
L0049154	567823.550	4220421.713	38.23	
L0049155	567821.933	4220418.496	37.93	
L0049156	567820.316	4220415.280	37.59	
L0049157	567818.699	4220412.063	37.07	
L0049158	567817.082	4220408.847	36.36	
L0049159	567815.465	4220405.631	35.69	
L0049160	567813.848	4220402.414	35.08	
L0049161	567812.231	4220399.198	34.58	
L0049162	567810.614	4220395.981	34.15	
L0049163	567808.997	4220392.765	33.80	
L0049164	567807.380	4220389.549	33.56	
L0049165	567805.763	4220386.332	33.36	
L0049166	567804.146	4220383.116	33.21	
L0049167	567802.529	4220379.899	33.06	
L0049168	567800.912	4220376.683	32.93	
L0049169	567799.295	4220373.467	32.83	
L0049170	567797.678	4220370.250	32.64	
L0049171	567796.061	4220367.034	32.41	
L0049172	567794.444	4220363.817	32.17	
L0049173	567792.827	4220360.601	31.90	

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049174	VOLUME	567791.210	4220357.384	31.61
LOCATION	L0049175	VOLUME	567789.593	4220354.168	31.39
LOCATION	L0049176	VOLUME	567787.976	4220350.952	31.25
LOCATION	L0049177	VOLUME	567786.359	4220347.735	31.20
LOCATION	L0049178	VOLUME	567784.742	4220344.519	31.16
LOCATION	L0049179	VOLUME	567783.125	4220341.302	31.14
LOCATION	L0049180	VOLUME	567781.508	4220338.086	31.23
LOCATION	L0049181	VOLUME	567779.891	4220334.870	31.30
LOCATION	L0049182	VOLUME	567778.274	4220331.653	31.34
LOCATION	L0049183	VOLUME	567776.657	4220328.437	31.36
LOCATION	L0049184	VOLUME	567775.040	4220325.220	31.36
LOCATION	L0049185	VOLUME	567773.423	4220322.004	31.35
LOCATION	L0049186	VOLUME	567771.806	4220318.788	31.32
LOCATION	L0049187	VOLUME	567770.189	4220315.571	31.28
LOCATION	L0049188	VOLUME	567768.572	4220312.355	31.24
LOCATION	L0049189	VOLUME	567766.955	4220309.138	31.18
LOCATION	L0049190	VOLUME	567765.338	4220305.922	31.14
LOCATION	L0049191	VOLUME	567763.721	4220302.705	31.10
LOCATION	L0049192	VOLUME	567762.104	4220299.489	31.05
LOCATION	L0049193	VOLUME	567760.487	4220296.273	31.01
LOCATION	L0049194	VOLUME	567758.870	4220293.056	30.98
LOCATION	L0049195	VOLUME	567757.254	4220289.820	30.95
LOCATION	L0049196	VOLUME	567755.799	4220286.545	30.94
LOCATION	L0049197	VOLUME	567754.303	4220283.271	30.93
LOCATION	L0049198	VOLUME	567752.808	4220279.996	30.92
LOCATION	L0049199	VOLUME	567751.312	4220276.721	30.93
LOCATION	L0049200	VOLUME	567749.817	4220273.447	30.95
LOCATION	L0049201	VOLUME	567748.321	4220270.172	30.96
LOCATION	L0049202	VOLUME	567746.826	4220266.897	30.99
LOCATION	L0049203	VOLUME	567745.330	4220263.623	31.01
LOCATION	L0049204	VOLUME	567743.835	4220260.348	31.03
LOCATION	L0049205	VOLUME	567742.339	4220257.073	31.06
LOCATION	L0049206	VOLUME	567740.844	4220253.798	31.09
LOCATION	L0049207	VOLUME	567739.349	4220250.524	31.12
LOCATION	L0049208	VOLUME	567737.853	4220247.249	31.15
LOCATION	L0049209	VOLUME	567736.358	4220243.974	31.17
LOCATION	L0049210	VOLUME	567734.862	4220240.700	31.17
LOCATION	L0049211	VOLUME	567733.367	4220237.425	31.16
LOCATION	L0049212	VOLUME	567731.871	4220234.150	31.12
LOCATION	L0049213	VOLUME	567730.376	4220230.876	31.08
LOCATION	L0049214	VOLUME	567728.880	4220227.601	31.04
LOCATION	L0049215	VOLUME	567727.385	4220224.326	31.00
LOCATION	L0049216	VOLUME	567725.890	4220221.052	30.96
LOCATION	L0049217	VOLUME	567724.394	4220217.777	30.92
LOCATION	L0049218	VOLUME	567722.899	4220214.502	30.84
LOCATION	L0049219	VOLUME	567721.403	4220211.227	30.77
LOCATION	L0049220	VOLUME	567719.908	4220207.953	30.70
LOCATION	L0049221	VOLUME	567718.412	4220204.678	30.62

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049222	VOLUME	567716.917	4220201.403	30.54
LOCATION	L0049223	VOLUME	567715.421	4220198.129	30.47
LOCATION	L0049224	VOLUME	567713.926	4220194.854	30.44
LOCATION	L0049225	VOLUME	567712.431	4220191.579	30.44
LOCATION	L0049226	VOLUME	567710.935	4220188.305	30.44
LOCATION	L0049227	VOLUME	567709.440	4220185.030	30.47
LOCATION	L0049228	VOLUME	567707.944	4220181.755	30.50
LOCATION	L0049229	VOLUME	567706.449	4220178.480	30.56
LOCATION	L0049230	VOLUME	567704.910	4220175.226	30.64
LOCATION	L0049231	VOLUME	567703.297	4220172.008	30.72
LOCATION	L0049232	VOLUME	567701.685	4220168.789	30.80
LOCATION	L0049233	VOLUME	567700.073	4220165.570	30.85
LOCATION	L0049234	VOLUME	567698.460	4220162.352	30.85
LOCATION	L0049235	VOLUME	567696.848	4220159.133	30.85
LOCATION	L0049236	VOLUME	567695.235	4220155.914	30.85
LOCATION	L0049237	VOLUME	567693.623	4220152.696	30.88
LOCATION	L0049238	VOLUME	567692.010	4220149.477	30.91
LOCATION	L0049239	VOLUME	567690.398	4220146.258	30.95
LOCATION	L0049240	VOLUME	567688.785	4220143.040	30.96
LOCATION	L0049241	VOLUME	567687.173	4220139.821	30.96
LOCATION	L0049242	VOLUME	567685.560	4220136.602	30.96
LOCATION	L0049243	VOLUME	567683.948	4220133.384	30.98
LOCATION	L0049244	VOLUME	567682.335	4220130.165	31.01
LOCATION	L0049245	VOLUME	567680.723	4220126.946	31.05
LOCATION	L0049246	VOLUME	567679.110	4220123.728	31.08
LOCATION	L0049247	VOLUME	567677.498	4220120.509	31.11
LOCATION	L0049248	VOLUME	567675.885	4220117.290	31.14
LOCATION	L0049249	VOLUME	567674.273	4220114.072	31.17
LOCATION	L0049250	VOLUME	567672.660	4220110.853	31.17
LOCATION	L0049251	VOLUME	567671.048	4220107.634	31.18
LOCATION	L0049252	VOLUME	567669.435	4220104.416	31.21
LOCATION	L0049253	VOLUME	567667.823	4220101.197	31.25
LOCATION	L0049254	VOLUME	567666.237	4220097.966	31.27
LOCATION	L0049255	VOLUME	567664.923	4220094.615	31.29
LOCATION	L0049256	VOLUME	567663.608	4220091.263	31.31
LOCATION	L0049257	VOLUME	567662.294	4220087.912	31.34
LOCATION	L0049258	VOLUME	567660.979	4220084.560	31.37
LOCATION	L0049259	VOLUME	567659.665	4220081.209	31.38
LOCATION	L0049260	VOLUME	567658.350	4220077.858	31.39
LOCATION	L0049261	VOLUME	567657.036	4220074.506	31.39
LOCATION	L0049262	VOLUME	567655.721	4220071.155	31.40
LOCATION	L0049263	VOLUME	567654.407	4220067.803	31.41
LOCATION	L0049264	VOLUME	567653.092	4220064.452	31.43
LOCATION	L0049265	VOLUME	567652.149	4220060.994	31.43
LOCATION	L0049266	VOLUME	567651.484	4220057.456	31.42
LOCATION	L0049267	VOLUME	567650.818	4220053.918	31.41
LOCATION	L0049268	VOLUME	567650.153	4220050.380	31.40
LOCATION	L0049269	VOLUME	567649.487	4220046.842	31.40

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0049270	VOLUME	567648.822	4220043.304	31.39
LOCATION	L0049271	VOLUME	567648.156	4220039.766	31.39
LOCATION	L0049272	VOLUME	567647.490	4220036.228	31.38
LOCATION	L0049273	VOLUME	567647.035	4220032.659	31.36
LOCATION	L0049274	VOLUME	567646.633	4220029.081	31.32
LOCATION	L0049275	VOLUME	567646.231	4220025.504	31.28
LOCATION	L0049276	VOLUME	567645.830	4220021.926	31.23
LOCATION	L0049277	VOLUME	567645.428	4220018.349	31.21
LOCATION	L0049278	VOLUME	567645.026	4220014.771	31.18
LOCATION	L0049279	VOLUME	567644.624	4220011.194	31.15
LOCATION	L0049280	VOLUME	567644.222	4220007.616	31.11
LOCATION	L0049281	VOLUME	567643.964	4220004.035	31.06
LOCATION	L0049282	VOLUME	567644.205	4220000.443	31.01
LOCATION	L0049283	VOLUME	567644.446	4219996.851	30.94
LOCATION	L0049284	VOLUME	567644.686	4219993.260	30.88
LOCATION	L0049285	VOLUME	567644.927	4219989.668	30.84
LOCATION	L0049286	VOLUME	567645.168	4219986.076	30.81
LOCATION	L0049287	VOLUME	567645.408	4219982.484	30.79
LOCATION	L0049288	VOLUME	567645.649	4219978.892	30.79
LOCATION	L0049289	VOLUME	567645.890	4219975.300	30.82
LOCATION	L0049290	VOLUME	567646.131	4219971.708	30.86
LOCATION	L0049291	VOLUME	567646.371	4219968.116	30.89
LOCATION	L0049292	VOLUME	567646.612	4219964.524	30.92
LOCATION	L0049293	VOLUME	567646.853	4219960.932	30.95
LOCATION	L0049294	VOLUME	567647.165	4219957.346	31.01
LOCATION	L0049295	VOLUME	567647.508	4219953.762	31.08
LOCATION	L0049296	VOLUME	567647.851	4219950.179	31.15
LOCATION	L0049297	VOLUME	567648.195	4219946.595	31.27
LOCATION	L0049298	VOLUME	567648.538	4219943.012	31.38
LOCATION	L0049299	VOLUME	567648.881	4219939.428	31.49
LOCATION	L0049300	VOLUME	567649.225	4219935.844	31.63
LOCATION	L0049301	VOLUME	567649.568	4219932.261	31.77
LOCATION	L0049302	VOLUME	567649.911	4219928.677	31.91
LOCATION	L0049303	VOLUME	567650.254	4219925.094	32.04
LOCATION	L0049304	VOLUME	567650.598	4219921.510	32.16
LOCATION	L0049305	VOLUME	567650.941	4219917.926	32.28
LOCATION	L0049306	VOLUME	567651.284	4219914.343	32.38
LOCATION	L0049307	VOLUME	567651.627	4219910.759	32.49
LOCATION	L0049308	VOLUME	567651.971	4219907.176	32.58
LOCATION	L0049309	VOLUME	567652.314	4219903.592	32.66
LOCATION	L0049310	VOLUME	567652.657	4219900.008	32.73
LOCATION	L0049311	VOLUME	567652.998	4219896.425	32.84
LOCATION	L0049312	VOLUME	567653.325	4219892.839	32.96
LOCATION	L0049313	VOLUME	567653.652	4219889.254	33.08
LOCATION	L0049314	VOLUME	567653.978	4219885.669	33.19
LOCATION	L0049315	VOLUME	567654.305	4219882.084	33.30
LOCATION	L0049316	VOLUME	567654.632	4219878.499	33.41
LOCATION	L0049317	VOLUME	567654.959	4219874.914	33.54

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0049318	VOLUME	567655.285	4219871.329	33.67
LOCATION L0049319	VOLUME	567655.612	4219867.743	33.81
LOCATION L0049320	VOLUME	567655.939	4219864.158	33.94
LOCATION L0049321	VOLUME	567656.266	4219860.573	34.08
LOCATION L0049322	VOLUME	567656.592	4219856.988	34.22
LOCATION L0049323	VOLUME	567656.919	4219853.403	34.40
LOCATION L0049324	VOLUME	567657.246	4219849.818	34.57
LOCATION L0049325	VOLUME	567657.573	4219846.233	34.76
LOCATION L0049326	VOLUME	567657.899	4219842.647	34.96
LOCATION L0049327	VOLUME	567658.226	4219839.062	35.17
LOCATION L0049328	VOLUME	567658.553	4219835.477	35.34
LOCATION L0049329	VOLUME	567658.880	4219831.892	35.49
LOCATION L0049330	VOLUME	567659.206	4219828.307	35.64
LOCATION L0049331	VOLUME	567659.533	4219824.722	35.81
LOCATION L0049332	VOLUME	567659.860	4219821.137	35.98
LOCATION L0049333	VOLUME	567660.187	4219817.551	36.15
LOCATION L0049334	VOLUME	567659.223	4219814.182	36.33
LOCATION L0049335	VOLUME	567657.747	4219810.899	36.51
LOCATION L0049336	VOLUME	567656.270	4219807.616	36.69
LOCATION L0049337	VOLUME	567653.859	4219805.212	36.86
LOCATION L0049338	VOLUME	567650.671	4219803.539	37.01
LOCATION L0049339	VOLUME	567647.484	4219801.865	37.15
LOCATION L0049340	VOLUME	567644.296	4219800.192	37.27
LOCATION L0049341	VOLUME	567641.109	4219798.519	37.39
LOCATION L0049342	VOLUME	567637.922	4219796.845	37.41
LOCATION L0049343	VOLUME	567634.734	4219795.172	37.43
LOCATION L0049344	VOLUME	567631.344	4219794.013	37.42
LOCATION L0049345	VOLUME	567627.871	4219793.066	37.42
LOCATION L0049346	VOLUME	567624.398	4219792.120	37.42
LOCATION L0049347	VOLUME	567620.924	4219791.174	37.42
LOCATION L0049348	VOLUME	567617.451	4219790.227	37.42
LOCATION L0049349	VOLUME	567613.978	4219789.281	37.42
LOCATION L0049350	VOLUME	567610.504	4219788.334	37.42
LOCATION L0049351	VOLUME	567607.031	4219787.388	37.42
LOCATION L0049352	VOLUME	567603.557	4219786.442	37.42
LOCATION L0049353	VOLUME	567600.084	4219785.495	37.42
LOCATION L0049354	VOLUME	567596.611	4219784.549	37.42
LOCATION L0049355	VOLUME	567593.137	4219783.603	37.42
LOCATION L0049356	VOLUME	567589.664	4219782.656	37.42
LOCATION L0049357	VOLUME	567586.190	4219781.710	37.43
LOCATION L0049358	VOLUME	567582.717	4219780.764	37.43
LOCATION L0049359	VOLUME	567579.244	4219779.817	37.43
LOCATION L0049360	VOLUME	567575.770	4219778.871	37.43
LOCATION L0049361	VOLUME	567572.297	4219777.924	37.43
LOCATION L0049362	VOLUME	567568.824	4219776.978	37.43
LOCATION L0049363	VOLUME	567565.350	4219776.032	37.43
LOCATION L0049364	VOLUME	567561.871	4219775.106	37.43
LOCATION L0049365	VOLUME	567558.392	4219774.180	37.43

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0049366	VOLUME	567554.913	4219773.255	37.43
LOCATION L0049367	VOLUME	567551.434	4219772.329	37.44
LOCATION L0049368	VOLUME	567547.955	4219771.404	37.43
LOCATION L0049369	VOLUME	567544.476	4219770.478	37.43
LOCATION L0049370	VOLUME	567540.997	4219769.553	37.42
LOCATION L0049371	VOLUME	567537.518	4219768.627	37.41
LOCATION L0049372	VOLUME	567534.039	4219767.702	37.41
LOCATION L0049373	VOLUME	567530.560	4219766.777	37.42
LOCATION L0049374	VOLUME	567527.081	4219765.851	37.48
LOCATION L0049375	VOLUME	567523.602	4219764.926	37.74
LOCATION L0049376	VOLUME	567520.123	4219764.000	38.01
LOCATION L0049377	VOLUME	567516.644	4219763.075	38.28
LOCATION L0049378	VOLUME	567513.165	4219762.149	38.56
LOCATION L0049379	VOLUME	567509.686	4219761.224	38.64
LOCATION L0049380	VOLUME	567506.207	4219760.298	38.53
LOCATION L0049381	VOLUME	567502.728	4219759.373	38.39
LOCATION L0049382	VOLUME	567499.249	4219758.448	38.17
LOCATION L0049383	VOLUME	567495.770	4219757.522	37.94
LOCATION L0049384	VOLUME	567492.291	4219756.597	37.75
LOCATION L0049385	VOLUME	567488.812	4219755.671	37.56
LOCATION L0049386	VOLUME	567485.333	4219754.746	37.44
LOCATION L0049387	VOLUME	567481.854	4219753.820	37.40
LOCATION L0049388	VOLUME	567478.375	4219752.895	37.38
LOCATION L0049389	VOLUME	567474.896	4219751.969	37.41
LOCATION L0049390	VOLUME	567471.417	4219751.044	37.44
LOCATION L0049391	VOLUME	567467.938	4219750.118	37.43
LOCATION L0049392	VOLUME	567464.459	4219749.193	37.43
LOCATION L0049393	VOLUME	567460.980	4219748.268	37.42
LOCATION L0049394	VOLUME	567457.495	4219747.365	37.42
LOCATION L0049395	VOLUME	567454.004	4219746.485	37.41
LOCATION L0049396	VOLUME	567450.514	4219745.604	37.42
LOCATION L0049397	VOLUME	567447.023	4219744.724	37.41
LOCATION L0049398	VOLUME	567443.532	4219743.843	37.39
LOCATION L0049399	VOLUME	567440.042	4219742.963	37.35
LOCATION L0049400	VOLUME	567436.551	4219742.082	37.41
LOCATION L0049401	VOLUME	567433.060	4219741.202	37.53
LOCATION L0049402	VOLUME	567429.570	4219740.321	37.70
LOCATION L0049403	VOLUME	567426.079	4219739.441	37.97
LOCATION L0049404	VOLUME	567422.588	4219738.560	38.22
LOCATION L0049405	VOLUME	567419.098	4219737.680	38.49
LOCATION L0049406	VOLUME	567415.607	4219736.799	38.75
LOCATION L0049407	VOLUME	567412.116	4219735.919	39.01
LOCATION L0049408	VOLUME	567408.626	4219735.038	39.27
LOCATION L0049409	VOLUME	567405.135	4219734.158	39.48
LOCATION L0049410	VOLUME	567403.192	4219732.388	39.47
LOCATION L0049411	VOLUME	567404.189	4219728.929	39.29
LOCATION L0049412	VOLUME	567405.185	4219725.469	39.12
LOCATION L0049413	VOLUME	567406.182	4219722.010	38.97

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0049414	VOLUME	567407.179	4219718.551	38.96
LOCATION L0049415	VOLUME	567408.176	4219715.092	38.96
LOCATION L0049416	VOLUME	567409.172	4219711.632	38.95
LOCATION L0049417	VOLUME	567410.169	4219708.173	38.88
LOCATION L0049418	VOLUME	567411.563	4219704.862	38.80
LOCATION L0049419	VOLUME	567413.072	4219701.593	38.75
LOCATION L0049420	VOLUME	567414.581	4219698.324	38.65
LOCATION L0049421	VOLUME	567416.089	4219695.056	38.53
LOCATION L0049422	VOLUME	567417.598	4219691.787	38.43
LOCATION L0049423	VOLUME	567419.106	4219688.518	38.32
LOCATION L0049424	VOLUME	567420.615	4219685.250	38.21
LOCATION L0049425	VOLUME	567421.690	4219681.826	38.12
LOCATION L0049426	VOLUME	567422.594	4219678.341	38.00
LOCATION L0049427	VOLUME	567423.497	4219674.857	37.85
LOCATION L0049428	VOLUME	567424.401	4219671.372	37.71
LOCATION L0049429	VOLUME	567425.305	4219667.887	37.58
LOCATION L0049430	VOLUME	567426.209	4219664.403	37.46
LOCATION L0049431	VOLUME	567427.113	4219660.918	37.36
LOCATION L0049432	VOLUME	567428.017	4219657.433	37.25
LOCATION L0049433	VOLUME	567428.920	4219653.949	37.13
LOCATION L0049434	VOLUME	567429.824	4219650.464	37.02
LOCATION L0049435	VOLUME	567430.728	4219646.979	36.89
LOCATION L0049436	VOLUME	567431.632	4219643.495	36.75
LOCATION L0049437	VOLUME	567432.536	4219640.010	36.62
LOCATION L0049438	VOLUME	567433.433	4219636.524	36.59
LOCATION L0049439	VOLUME	567434.182	4219633.003	36.56
LOCATION L0049440	VOLUME	567434.932	4219629.481	36.55
LOCATION L0049441	VOLUME	567435.681	4219625.960	36.58
LOCATION L0049442	VOLUME	567436.430	4219622.439	36.61
LOCATION L0049443	VOLUME	567437.179	4219618.918	36.64
LOCATION L0049444	VOLUME	567437.863	4219615.388	36.68
LOCATION L0049445	VOLUME	567438.055	4219611.793	36.71
LOCATION L0049446	VOLUME	567438.246	4219608.198	36.73
LOCATION L0049447	VOLUME	567438.438	4219604.603	36.75
LOCATION L0049448	VOLUME	567438.630	4219601.008	36.76
LOCATION L0049449	VOLUME	567438.822	4219597.414	36.78
LOCATION L0049450	VOLUME	567439.013	4219593.819	36.82
LOCATION L0049451	VOLUME	567439.205	4219590.224	36.86
LOCATION L0049452	VOLUME	567439.397	4219586.629	36.89
LOCATION L0049453	VOLUME	567439.588	4219583.034	36.92
LOCATION L0049454	VOLUME	567439.652	4219579.435	36.94
LOCATION L0049455	VOLUME	567439.695	4219575.835	36.98
LOCATION L0049456	VOLUME	567439.738	4219572.235	37.02
LOCATION L0049457	VOLUME	567439.781	4219568.636	37.06
LOCATION L0049458	VOLUME	567439.824	4219565.036	37.01
LOCATION L0049459	VOLUME	567439.867	4219561.436	36.96
LOCATION L0049460	VOLUME	567439.909	4219557.836	36.91
LOCATION L0049461	VOLUME	567439.952	4219554.237	36.87



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0049462 VOLUME 567439.995 4219550.637 36.83  
LOCATION L0049463 VOLUME 567440.038 4219547.037 36.77

\*\* End of LINE VOLUME Source ID = SB\_TRUCK

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = TRUCK\_CIR

\*\* DESCRSRC truck circulation on site

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 7.72E-06

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 15

\*\* 567728.385, 4220203.256, 30.86, 0.00, 1.67  
\*\* 567756.127, 4220185.602, 31.05, 0.00, 1.67  
\*\* 567955.365, 4220187.494, 35.96, 0.00, 1.67  
\*\* 567978.063, 4220188.124, 36.25, 0.00, 1.67  
\*\* 568014.002, 4220184.972, 36.38, 0.00, 1.67  
\*\* 568024.720, 4220191.907, 36.32, 0.00, 1.67  
\*\* 568029.134, 4220199.473, 37.17, 0.00, 1.67  
\*\* 568048.049, 4220366.556, 29.92, 0.00, 1.67  
\*\* 568046.788, 4220449.151, 30.57, 0.00, 1.67  
\*\* 568042.374, 4220454.195, 30.57, 0.00, 1.67  
\*\* 568031.025, 4220454.195, 31.38, 0.00, 1.67  
\*\* 567891.054, 4220454.195, 40.02, 0.00, 1.67  
\*\* 567877.183, 4220457.348, 40.10, 0.00, 1.67  
\*\* 567864.573, 4220461.761, 40.40, 0.00, 1.67  
\*\* 567857.007, 4220466.805, 39.99, 0.00, 1.67

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LOCATION L0006548 VOLUME 567729.904 4220202.290 30.88  
LOCATION L0006549 VOLUME 567732.941 4220200.357 30.92  
LOCATION L0006550 VOLUME 567735.978 4220198.424 30.94  
LOCATION L0006551 VOLUME 567739.015 4220196.492 30.95  
LOCATION L0006552 VOLUME 567742.053 4220194.559 30.96  
LOCATION L0006553 VOLUME 567745.090 4220192.626 30.98  
LOCATION L0006554 VOLUME 567748.127 4220190.693 31.00  
LOCATION L0006555 VOLUME 567751.164 4220188.761 31.01  
LOCATION L0006556 VOLUME 567754.201 4220186.828 31.03  
LOCATION L0006557 VOLUME 567757.444 4220185.615 31.07  
LOCATION L0006558 VOLUME 567761.044 4220185.649 31.12  
LOCATION L0006559 VOLUME 567764.644 4220185.683 31.18  
LOCATION L0006560 VOLUME 567768.244 4220185.717 31.23  
LOCATION L0006561 VOLUME 567771.844 4220185.752 31.29  
LOCATION L0006562 VOLUME 567775.444 4220185.786 31.35  
LOCATION L0006563 VOLUME 567779.043 4220185.820 31.45  
LOCATION L0006564 VOLUME 567782.643 4220185.854 31.55  
LOCATION L0006565 VOLUME 567786.243 4220185.888 31.66

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0006566	VOLUME	567789.843	4220185.922	31.77
LOCATION	L0006567	VOLUME	567793.443	4220185.957	31.86
LOCATION	L0006568	VOLUME	567797.043	4220185.991	31.95
LOCATION	L0006569	VOLUME	567800.642	4220186.025	32.04
LOCATION	L0006570	VOLUME	567804.242	4220186.059	32.13
LOCATION	L0006571	VOLUME	567807.842	4220186.093	32.21
LOCATION	L0006572	VOLUME	567811.442	4220186.127	32.32
LOCATION	L0006573	VOLUME	567815.042	4220186.162	32.43
LOCATION	L0006574	VOLUME	567818.642	4220186.196	32.53
LOCATION	L0006575	VOLUME	567822.241	4220186.230	32.63
LOCATION	L0006576	VOLUME	567825.841	4220186.264	32.73
LOCATION	L0006577	VOLUME	567829.441	4220186.298	32.81
LOCATION	L0006578	VOLUME	567833.041	4220186.333	32.89
LOCATION	L0006579	VOLUME	567836.641	4220186.367	32.99
LOCATION	L0006580	VOLUME	567840.241	4220186.401	33.09
LOCATION	L0006581	VOLUME	567843.840	4220186.435	33.23
LOCATION	L0006582	VOLUME	567847.440	4220186.469	33.38
LOCATION	L0006583	VOLUME	567851.040	4220186.503	33.53
LOCATION	L0006584	VOLUME	567854.640	4220186.538	33.68
LOCATION	L0006585	VOLUME	567858.240	4220186.572	33.81
LOCATION	L0006586	VOLUME	567861.840	4220186.606	33.93
LOCATION	L0006587	VOLUME	567865.440	4220186.640	34.05
LOCATION	L0006588	VOLUME	567869.039	4220186.674	34.20
LOCATION	L0006589	VOLUME	567872.639	4220186.708	34.35
LOCATION	L0006590	VOLUME	567876.239	4220186.743	34.49
LOCATION	L0006591	VOLUME	567879.839	4220186.777	34.64
LOCATION	L0006592	VOLUME	567883.439	4220186.811	34.77
LOCATION	L0006593	VOLUME	567887.039	4220186.845	34.89
LOCATION	L0006594	VOLUME	567890.638	4220186.879	35.00
LOCATION	L0006595	VOLUME	567894.238	4220186.913	35.10
LOCATION	L0006596	VOLUME	567897.838	4220186.948	35.21
LOCATION	L0006597	VOLUME	567901.438	4220186.982	35.30
LOCATION	L0006598	VOLUME	567905.038	4220187.016	35.39
LOCATION	L0006599	VOLUME	567908.638	4220187.050	35.46
LOCATION	L0006600	VOLUME	567912.237	4220187.084	35.52
LOCATION	L0006601	VOLUME	567915.837	4220187.119	35.58
LOCATION	L0006602	VOLUME	567919.437	4220187.153	35.62
LOCATION	L0006603	VOLUME	567923.037	4220187.187	35.68
LOCATION	L0006604	VOLUME	567926.637	4220187.221	35.74
LOCATION	L0006605	VOLUME	567930.237	4220187.255	35.81
LOCATION	L0006606	VOLUME	567933.836	4220187.289	35.85
LOCATION	L0006607	VOLUME	567937.436	4220187.324	35.90
LOCATION	L0006608	VOLUME	567941.036	4220187.358	35.91
LOCATION	L0006609	VOLUME	567944.636	4220187.392	35.92
LOCATION	L0006610	VOLUME	567948.236	4220187.426	35.94
LOCATION	L0006611	VOLUME	567951.836	4220187.460	35.97
LOCATION	L0006612	VOLUME	567955.435	4220187.496	36.01
LOCATION	L0006613	VOLUME	567959.034	4220187.530	36.07

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0006614	VOLUME	567962.633	4220187.696	36.13
LOCATION	L0006615	VOLUME	567966.231	4220187.796	36.16
LOCATION	L0006616	VOLUME	567969.830	4220187.896	36.20
LOCATION	L0006617	VOLUME	567973.428	4220187.996	36.22
LOCATION	L0006618	VOLUME	567977.027	4220188.096	36.24
LOCATION	L0006619	VOLUME	567980.617	4220187.900	36.30
LOCATION	L0006620	VOLUME	567984.203	4220187.586	36.40
LOCATION	L0006621	VOLUME	567987.789	4220187.271	36.51
LOCATION	L0006622	VOLUME	567991.376	4220186.957	36.67
LOCATION	L0006623	VOLUME	567994.962	4220186.642	36.81
LOCATION	L0006624	VOLUME	567998.548	4220186.327	36.84
LOCATION	L0006625	VOLUME	568002.134	4220186.013	36.85
LOCATION	L0006626	VOLUME	568005.720	4220185.698	36.71
LOCATION	L0006627	VOLUME	568009.307	4220185.384	36.51
LOCATION	L0006628	VOLUME	568012.893	4220185.069	36.35
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LOCATION	L0006630	VOLUME	568019.112	4220188.279	36.38
LOCATION	L0006631	VOLUME	568022.135	4220190.234	36.42
LOCATION	L0006632	VOLUME	568024.982	4220192.357	36.52
LOCATION	L0006633	VOLUME	568026.796	4220195.466	36.78
LOCATION	L0006634	VOLUME	568028.610	4220198.576	36.97
LOCATION	L0006635	VOLUME	568029.422	4220202.018	37.11
LOCATION	L0006636	VOLUME	568029.827	4220205.595	37.23
LOCATION	L0006637	VOLUME	568030.232	4220209.173	37.37
LOCATION	L0006638	VOLUME	568030.637	4220212.750	37.43
LOCATION	L0006639	VOLUME	568031.042	4220216.327	37.47
LOCATION	L0006640	VOLUME	568031.447	4220219.904	37.52
LOCATION	L0006641	VOLUME	568031.852	4220223.481	37.56
LOCATION	L0006642	VOLUME	568032.257	4220227.058	37.61
LOCATION	L0006643	VOLUME	568032.661	4220230.635	37.67
LOCATION	L0006644	VOLUME	568033.066	4220234.213	37.50
LOCATION	L0006645	VOLUME	568033.471	4220237.790	37.33
LOCATION	L0006646	VOLUME	568033.876	4220241.367	37.12
LOCATION	L0006647	VOLUME	568034.281	4220244.944	36.70
LOCATION	L0006648	VOLUME	568034.686	4220248.521	36.27
LOCATION	L0006649	VOLUME	568035.091	4220252.098	35.83
LOCATION	L0006650	VOLUME	568035.496	4220255.676	35.37
LOCATION	L0006651	VOLUME	568035.901	4220259.253	34.91
LOCATION	L0006652	VOLUME	568036.306	4220262.830	34.51
LOCATION	L0006653	VOLUME	568036.711	4220266.407	34.22
LOCATION	L0006654	VOLUME	568037.116	4220269.984	33.93
LOCATION	L0006655	VOLUME	568037.521	4220273.561	33.66
LOCATION	L0006656	VOLUME	568037.926	4220277.138	33.41
LOCATION	L0006657	VOLUME	568038.331	4220280.716	33.16
LOCATION	L0006658	VOLUME	568038.736	4220284.293	32.87
LOCATION	L0006659	VOLUME	568039.141	4220287.870	32.56
LOCATION	L0006660	VOLUME	568039.546	4220291.447	32.25
LOCATION	L0006661	VOLUME	568039.951	4220295.024	31.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION	L0006662	VOLUME	568040.356	4220298.601	31.61
LOCATION	L0006663	VOLUME	568040.761	4220302.178	31.31
LOCATION	L0006664	VOLUME	568041.166	4220305.756	31.10
LOCATION	L0006665	VOLUME	568041.571	4220309.333	30.92
LOCATION	L0006666	VOLUME	568041.976	4220312.910	30.75
LOCATION	L0006667	VOLUME	568042.381	4220316.487	30.62
LOCATION	L0006668	VOLUME	568042.785	4220320.064	30.50
LOCATION	L0006669	VOLUME	568043.190	4220323.641	30.37
LOCATION	L0006670	VOLUME	568043.595	4220327.219	30.25
LOCATION	L0006671	VOLUME	568044.000	4220330.796	30.13
LOCATION	L0006672	VOLUME	568044.405	4220334.373	30.01
LOCATION	L0006673	VOLUME	568044.810	4220337.950	29.92
LOCATION	L0006674	VOLUME	568045.215	4220341.527	29.83
LOCATION	L0006675	VOLUME	568045.620	4220345.104	29.77
LOCATION	L0006676	VOLUME	568046.025	4220348.681	29.77
LOCATION	L0006677	VOLUME	568046.430	4220352.259	29.77
LOCATION	L0006678	VOLUME	568046.835	4220355.836	29.79
LOCATION	L0006679	VOLUME	568047.240	4220359.413	29.83
LOCATION	L0006680	VOLUME	568047.645	4220362.990	29.86
LOCATION	L0006681	VOLUME	568048.048	4220366.567	29.90
LOCATION	L0006682	VOLUME	568047.994	4220370.167	29.96
LOCATION	L0006683	VOLUME	568047.939	4220373.766	30.02
LOCATION	L0006684	VOLUME	568047.884	4220377.366	30.07
LOCATION	L0006685	VOLUME	568047.829	4220380.966	30.11
LOCATION	L0006686	VOLUME	568047.774	4220384.565	30.15
LOCATION	L0006687	VOLUME	568047.719	4220388.165	30.22
LOCATION	L0006688	VOLUME	568047.664	4220391.764	30.30
LOCATION	L0006689	VOLUME	568047.609	4220395.364	30.37
LOCATION	L0006690	VOLUME	568047.554	4220398.963	30.43
LOCATION	L0006691	VOLUME	568047.499	4220402.563	30.50
LOCATION	L0006692	VOLUME	568047.444	4220406.163	30.55
LOCATION	L0006693	VOLUME	568047.389	4220409.762	30.56
LOCATION	L0006694	VOLUME	568047.334	4220413.362	30.56
LOCATION	L0006695	VOLUME	568047.279	4220416.961	30.57
LOCATION	L0006696	VOLUME	568047.224	4220420.561	30.57
LOCATION	L0006697	VOLUME	568047.169	4220424.161	30.57
LOCATION	L0006698	VOLUME	568047.114	4220427.760	30.58
LOCATION	L0006699	VOLUME	568047.059	4220431.360	30.58
LOCATION	L0006700	VOLUME	568047.004	4220434.959	30.58
LOCATION	L0006701	VOLUME	568046.949	4220438.559	30.57
LOCATION	L0006702	VOLUME	568046.894	4220442.158	30.54
LOCATION	L0006703	VOLUME	568046.839	4220445.758	30.51
LOCATION	L0006704	VOLUME	568046.652	4220449.307	30.49
LOCATION	L0006705	VOLUME	568044.281	4220452.016	30.60
LOCATION	L0006706	VOLUME	568041.670	4220454.195	30.70
LOCATION	L0006707	VOLUME	568038.070	4220454.195	30.95
LOCATION	L0006708	VOLUME	568034.470	4220454.195	31.19
LOCATION	L0006709	VOLUME	568030.870	4220454.195	31.52

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0006710	VOLUME	568027.270	4220454.195	31.89
LOCATION L0006711	VOLUME	568023.670	4220454.195	32.26
LOCATION L0006712	VOLUME	568020.070	4220454.195	32.65
LOCATION L0006713	VOLUME	568016.470	4220454.195	33.06
LOCATION L0006714	VOLUME	568012.870	4220454.195	33.56
LOCATION L0006715	VOLUME	568009.270	4220454.195	34.05
LOCATION L0006716	VOLUME	568005.670	4220454.195	34.63
LOCATION L0006717	VOLUME	568002.070	4220454.195	35.21
LOCATION L0006718	VOLUME	567998.470	4220454.195	35.75
LOCATION L0006719	VOLUME	567994.870	4220454.195	36.27
LOCATION L0006720	VOLUME	567991.270	4220454.195	36.74
LOCATION L0006721	VOLUME	567987.670	4220454.195	37.13
LOCATION L0006722	VOLUME	567984.070	4220454.195	37.49
LOCATION L0006723	VOLUME	567980.470	4220454.195	37.70
LOCATION L0006724	VOLUME	567976.870	4220454.195	37.90
LOCATION L0006725	VOLUME	567973.270	4220454.195	38.07
LOCATION L0006726	VOLUME	567969.670	4220454.195	38.23
LOCATION L0006727	VOLUME	567966.070	4220454.195	38.41
LOCATION L0006728	VOLUME	567962.470	4220454.195	38.61
LOCATION L0006729	VOLUME	567958.870	4220454.195	38.79
LOCATION L0006730	VOLUME	567955.270	4220454.195	38.97
LOCATION L0006731	VOLUME	567951.670	4220454.195	39.14
LOCATION L0006732	VOLUME	567948.070	4220454.195	39.25
LOCATION L0006733	VOLUME	567944.470	4220454.195	39.37
LOCATION L0006734	VOLUME	567940.870	4220454.195	39.47
LOCATION L0006735	VOLUME	567937.270	4220454.195	39.57
LOCATION L0006736	VOLUME	567933.670	4220454.195	39.62
LOCATION L0006737	VOLUME	567930.070	4220454.195	39.65
LOCATION L0006738	VOLUME	567926.470	4220454.195	39.67
LOCATION L0006739	VOLUME	567922.870	4220454.195	39.66
LOCATION L0006740	VOLUME	567919.270	4220454.195	39.65
LOCATION L0006741	VOLUME	567915.670	4220454.195	39.66
LOCATION L0006742	VOLUME	567912.070	4220454.195	39.67
LOCATION L0006743	VOLUME	567908.470	4220454.195	39.71
LOCATION L0006744	VOLUME	567904.870	4220454.195	39.76
LOCATION L0006745	VOLUME	567901.270	4220454.195	39.83
LOCATION L0006746	VOLUME	567897.670	4220454.195	39.90
LOCATION L0006747	VOLUME	567894.070	4220454.195	39.97
LOCATION L0006748	VOLUME	567890.485	4220454.325	40.03
LOCATION L0006749	VOLUME	567886.974	4220455.123	40.12
LOCATION L0006750	VOLUME	567883.464	4220455.920	40.14
LOCATION L0006751	VOLUME	567879.953	4220456.718	40.19
LOCATION L0006752	VOLUME	567876.466	4220457.599	40.26
LOCATION L0006753	VOLUME	567873.069	4220458.788	40.35
LOCATION L0006754	VOLUME	567869.671	4220459.977	40.43
LOCATION L0006755	VOLUME	567866.273	4220461.166	40.44
LOCATION L0006756	VOLUME	567863.076	4220462.759	40.41
LOCATION L0006757	VOLUME	567860.081	4220464.756	40.28

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0006758 VOLUME 567857.085 4220466.753 40.08

\*\* End of LINE VOLUME Source ID = TRUCK\_CIR

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = TRUCK\_IDLE

\*\* DESCRSRC truck idling and refrigeration emissions at docks

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0118

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 3

\*\* 567931.897, 4220220.264, 36.04, 0.00, 1.67

\*\* 567930.351, 4220197.584, 35.67, 0.00, 1.67

\*\* 567954.748, 4220195.523, 35.91, 0.00, 1.67

\*\* -----

LOCATION L0006759 VOLUME 567931.775 4220218.468 35.89

LOCATION L0006760 VOLUME 567931.530 4220214.876 35.81

LOCATION L0006761 VOLUME 567931.285 4220211.284 35.74

LOCATION L0006762 VOLUME 567931.040 4220207.693 35.70

LOCATION L0006763 VOLUME 567930.796 4220204.101 35.70

LOCATION L0006764 VOLUME 567930.551 4220200.509 35.69

LOCATION L0006765 VOLUME 567931.017 4220197.528 35.71

LOCATION L0006766 VOLUME 567934.604 4220197.225 35.73

LOCATION L0006767 VOLUME 567938.191 4220196.922 35.75

LOCATION L0006768 VOLUME 567941.779 4220196.619 35.77

LOCATION L0006769 VOLUME 567945.366 4220196.316 35.78

LOCATION L0006770 VOLUME 567948.953 4220196.012 35.83

LOCATION L0006771 VOLUME 567952.540 4220195.709 35.89

\*\* End of LINE VOLUME Source ID = TRUCK\_IDLE

LOCATION GS\_TRUCK AREA 567808.130 4220196.180 32.490

\*\* DESCRSRC diesel truck idling at gas station

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = NB2\_TRUCK

\*\* DESCRSRC northbound truck route on-ramp

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000201

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 6

\*\* 567645.590, 4219930.720, 31.88, 0.00, 1.67

\*\* 567624.344, 4219930.086, 32.14, 0.00, 1.67

\*\* 567611.025, 4219939.282, 31.90, 0.00, 1.67

\*\* 567600.243, 4219951.650, 31.66, 0.00, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\* 567598.657, 4219971.945, 32.42, 0.00, 1.67

\*\* 567603.097, 4219994.144, 32.17, 0.00, 1.67

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LOCATION	L0049490	VOLUME	567643.791	4219930.667	31.89
LOCATION	L0049491	VOLUME	567640.193	4219930.559	31.92
LOCATION	L0049492	VOLUME	567636.594	4219930.452	31.96
LOCATION	L0049493	VOLUME	567632.996	4219930.344	32.00
LOCATION	L0049494	VOLUME	567629.398	4219930.237	32.04
LOCATION	L0049495	VOLUME	567625.799	4219930.130	32.09
LOCATION	L0049496	VOLUME	567622.579	4219931.304	32.07
LOCATION	L0049497	VOLUME	567619.617	4219933.350	32.00
LOCATION	L0049498	VOLUME	567616.655	4219935.395	31.95
LOCATION	L0049499	VOLUME	567613.692	4219937.441	31.91
LOCATION	L0049500	VOLUME	567610.789	4219939.553	31.89
LOCATION	L0049501	VOLUME	567608.423	4219942.266	31.88
LOCATION	L0049502	VOLUME	567606.058	4219944.980	31.89
LOCATION	L0049503	VOLUME	567603.692	4219947.693	31.93
LOCATION	L0049504	VOLUME	567601.326	4219950.407	31.98
LOCATION	L0049505	VOLUME	567600.091	4219953.595	32.03
LOCATION	L0049506	VOLUME	567599.810	4219957.184	32.04
LOCATION	L0049507	VOLUME	567599.530	4219960.773	32.06
LOCATION	L0049508	VOLUME	567599.250	4219964.362	32.13
LOCATION	L0049509	VOLUME	567598.969	4219967.951	32.19
LOCATION	L0049510	VOLUME	567598.689	4219971.540	32.25
LOCATION	L0049511	VOLUME	567599.283	4219975.077	32.23
LOCATION	L0049512	VOLUME	567599.989	4219978.607	32.21
LOCATION	L0049513	VOLUME	567600.695	4219982.137	32.22
LOCATION	L0049514	VOLUME	567601.401	4219985.667	32.27
LOCATION	L0049515	VOLUME	567602.107	4219989.197	32.32
LOCATION	L0049516	VOLUME	567602.813	4219992.727	32.37

\*\* End of LINE VOLUME Source ID = NB2\_TRUCK

\*\*

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SB2\_TRUCK

\*\* DESCRSRC southbound truck route off-ramp

\*\* PREFIX

\*\* Length of Side = 3.60

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000201

\*\* Vertical Dimension = 4.15

\*\* SZINIT = 1.93

\*\* Nodes = 7

\*\* 567400.927, 4219736.634, 39.38, 0.00, 1.67

\*\* 567402.830, 4219754.712, 40.92, 0.00, 1.67

\*\* 567428.837, 4219782.938, 41.90, 0.00, 1.67

\*\* 567451.037, 4219806.408, 41.34, 0.00, 1.67

\*\* 567485.924, 4219843.197, 37.71, 0.00, 1.67

\*\* 567498.927, 4219865.081, 37.89, 0.00, 1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\* 567505.135, 4219875.225, 37.87, 0.00, 1.67

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LOCATION	L0049517	VOLUME	567401.116	4219738.425	39.96
LOCATION	L0049518	VOLUME	567401.493	4219742.005	40.17
LOCATION	L0049519	VOLUME	567401.869	4219745.585	40.46
LOCATION	L0049520	VOLUME	567402.246	4219749.165	40.77
LOCATION	L0049521	VOLUME	567402.623	4219752.745	41.08
LOCATION	L0049522	VOLUME	567403.930	4219755.905	41.31
LOCATION	L0049523	VOLUME	567406.369	4219758.553	41.42
LOCATION	L0049524	VOLUME	567408.808	4219761.200	41.48
LOCATION	L0049525	VOLUME	567411.248	4219763.848	41.55
LOCATION	L0049526	VOLUME	567413.687	4219766.496	41.60
LOCATION	L0049527	VOLUME	567416.126	4219769.143	41.61
LOCATION	L0049528	VOLUME	567418.566	4219771.791	41.64
LOCATION	L0049529	VOLUME	567421.005	4219774.438	41.69
LOCATION	L0049530	VOLUME	567423.444	4219777.086	41.72
LOCATION	L0049531	VOLUME	567425.884	4219779.733	41.76
LOCATION	L0049532	VOLUME	567428.323	4219782.381	41.80
LOCATION	L0049533	VOLUME	567430.790	4219785.003	41.83
LOCATION	L0049534	VOLUME	567433.263	4219787.618	41.84
LOCATION	L0049535	VOLUME	567435.737	4219790.234	41.86
LOCATION	L0049536	VOLUME	567438.211	4219792.849	41.88
LOCATION	L0049537	VOLUME	567440.685	4219795.464	41.88
LOCATION	L0049538	VOLUME	567443.159	4219798.080	41.86
LOCATION	L0049539	VOLUME	567445.633	4219800.695	41.83
LOCATION	L0049540	VOLUME	567448.107	4219803.310	41.78
LOCATION	L0049541	VOLUME	567450.581	4219805.925	41.72
LOCATION	L0049542	VOLUME	567453.057	4219808.538	41.65
LOCATION	L0049543	VOLUME	567455.535	4219811.150	41.58
LOCATION	L0049544	VOLUME	567458.012	4219813.763	41.50
LOCATION	L0049545	VOLUME	567460.489	4219816.375	41.41
LOCATION	L0049546	VOLUME	567462.966	4219818.987	41.32
LOCATION	L0049547	VOLUME	567465.443	4219821.599	41.19
LOCATION	L0049548	VOLUME	567467.920	4219824.212	41.01
LOCATION	L0049549	VOLUME	567470.397	4219826.824	40.74
LOCATION	L0049550	VOLUME	567472.874	4219829.436	40.31
LOCATION	L0049551	VOLUME	567475.352	4219832.048	39.75
LOCATION	L0049552	VOLUME	567477.829	4219834.661	39.07
LOCATION	L0049553	VOLUME	567480.306	4219837.273	38.63
LOCATION	L0049554	VOLUME	567482.783	4219839.885	38.27
LOCATION	L0049555	VOLUME	567485.260	4219842.497	37.82
LOCATION	L0049556	VOLUME	567487.270	4219845.463	37.56
LOCATION	L0049557	VOLUME	567489.109	4219848.558	37.71
LOCATION	L0049558	VOLUME	567490.948	4219851.653	37.76
LOCATION	L0049559	VOLUME	567492.787	4219854.748	37.66
LOCATION	L0049560	VOLUME	567494.626	4219857.842	37.55
LOCATION	L0049561	VOLUME	567496.465	4219860.937	37.70
LOCATION	L0049562	VOLUME	567498.304	4219864.032	37.75



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

LOCATION L0049563 VOLUME 567500.170 4219867.111 37.72  
LOCATION L0049564 VOLUME 567502.049 4219870.181 37.62  
LOCATION L0049565 VOLUME 567503.928 4219873.252 37.59

\*\* End of LINE VOLUME Source ID = SB2\_TRUCK

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = NB\_TRUCK

SRCPARAM L0048843	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048844	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048845	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048846	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048847	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048848	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048849	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048850	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048851	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048852	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048853	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048854	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048855	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048856	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048857	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048858	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048859	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048860	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048861	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048862	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048863	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048864	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048865	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048866	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048867	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048868	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048869	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048870	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048871	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048872	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048873	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048874	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048875	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048876	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048877	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048878	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048879	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048880	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048881	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048882	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048883	0.0000006791	0.00	1.67	1.93
SRCPARAM L0048884	0.0000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0048885	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048886	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048887	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048888	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048889	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048890	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048891	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048892	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048893	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048894	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048895	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048896	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048897	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048898	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048899	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048900	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048901	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048902	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048903	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048904	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048905	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048906	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048907	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048908	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048909	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048910	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048911	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048912	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048913	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048914	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048915	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048916	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048917	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048918	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048919	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048920	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048921	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048922	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048923	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048924	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048925	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048926	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048927	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048928	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048929	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048930	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048931	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048932	0.00000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0048933	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048934	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048935	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048936	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048937	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048938	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048939	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048940	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048941	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048942	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048943	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048944	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048945	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048946	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048947	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048948	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048949	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048950	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048951	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048952	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048953	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048954	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048955	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048956	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048957	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048958	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048959	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048960	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048961	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048962	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048963	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048964	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048965	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048966	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048967	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048968	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048969	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048970	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048971	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048972	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048973	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048974	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048975	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048976	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048977	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048978	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048979	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048980	0.00000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0048981	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048982	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048983	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048984	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048985	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048986	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048987	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048988	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048989	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048990	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048991	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048992	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048993	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048994	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048995	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048996	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048997	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048998	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0048999	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049000	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049001	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049002	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049003	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049004	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049005	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049006	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049007	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049008	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049009	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049010	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049011	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049012	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049013	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049014	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049015	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049016	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049017	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049018	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049019	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049020	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049021	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049022	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049023	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049024	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049025	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049026	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049027	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049028	0.00000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049029	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049030	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049031	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049032	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049033	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049034	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049035	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049036	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049037	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049038	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049039	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049040	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049041	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049042	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049043	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049044	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049045	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049046	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049047	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049048	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049049	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049050	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049051	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049052	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049053	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049054	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049055	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049056	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049057	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049058	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049059	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049060	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049061	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049062	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049063	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049064	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049065	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049066	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049067	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049068	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049069	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049070	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049071	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049072	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049073	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049074	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049075	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049076	0.00000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049077	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049078	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049079	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049080	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049081	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049082	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049083	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049084	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049085	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049086	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049087	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049088	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049089	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049090	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049091	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049092	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049093	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049094	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049095	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049096	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049097	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049098	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049099	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049100	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049101	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049102	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049103	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049104	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049105	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049106	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049107	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049108	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049109	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049110	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049111	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049112	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049113	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049114	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049115	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049116	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049117	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049118	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049119	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049120	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049121	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049122	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049123	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049124	0.00000006791	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049125	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049126	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049127	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049128	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049129	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049130	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049131	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049132	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049133	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049134	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049135	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049136	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049137	0.00000006791	0.00	1.67	1.93
SRCPARAM	L0049138	0.00000006791	0.00	1.67	1.93

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\*\* LINE VOLUME Source ID = SB\_TRUCK

SRCPARAM	L0049139	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049140	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049141	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049142	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049143	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049144	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049145	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049146	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049147	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049148	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049149	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049150	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049151	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049152	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049153	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049154	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049155	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049156	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049157	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049158	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049159	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049160	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049161	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049162	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049163	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049164	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049165	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049166	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049167	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049168	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049169	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049170	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049171	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049172	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049173	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049174	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049175	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049176	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049177	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049178	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049179	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049180	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049181	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049182	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049183	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049184	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049185	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049187	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049188	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049189	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049190	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049191	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049192	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049193	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049194	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049195	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049196	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049197	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049198	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049199	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049200	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049201	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049202	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049203	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049204	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049206	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049207	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049208	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049209	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049210	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049211	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049212	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049214	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049217	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049218	0.00000006185	0.00	1.67	1.93



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049219	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049220	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049221	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049223	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049224	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049225	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049226	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049227	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049228	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049229	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049230	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049231	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049232	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049233	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049234	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049236	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049238	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049239	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049240	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049241	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049246	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049247	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049248	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049250	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049251	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049253	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049256	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049257	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049259	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049261	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049263	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049264	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049265	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049266	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049267	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049268	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049269	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049270	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049271	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049272	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049273	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049274	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049275	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049277	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049278	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049279	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049280	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049281	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049302	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049304	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049306	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049307	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049311	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049312	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049314	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049315	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049316	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049317	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049318	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049319	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049320	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049321	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049322	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049323	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049324	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049325	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049326	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049327	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049328	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049337	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049338	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049339	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049340	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049341	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049342	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049343	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049344	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049347	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049348	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049351	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049359	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049360	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049361	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049362	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049363	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049364	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049365	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049366	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049367	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049368	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049369	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049370	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049371	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049372	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049373	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049374	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049375	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049376	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049377	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049378	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049379	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049380	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049381	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049382	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049383	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049387	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049388	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049389	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049391	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049392	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049393	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049394	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049395	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049397	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049398	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049399	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049400	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049401	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049402	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049403	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049404	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049408	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049410	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049411	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049412	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049413	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049414	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049415	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049416	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049417	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049418	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049419	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049420	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049421	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049422	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049423	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049424	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049425	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049426	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049427	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049428	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049429	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049430	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049431	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049432	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049433	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049434	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049435	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049436	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049437	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049438	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049439	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049440	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049441	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049454	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049455	0.00000006185	0.00	1.67	1.93
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SRCPARAM	L0049458	0.00000006185	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049459	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049460	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049461	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049462	0.00000006185	0.00	1.67	1.93
SRCPARAM	L0049463	0.00000006185	0.00	1.67	1.93

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\*\* LINE VOLUME Source ID = TRUCK\_CIR

SRCPARAM	L0006548	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006549	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006550	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006551	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006552	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006553	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006554	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006555	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006556	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006557	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006558	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006559	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006560	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006561	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006562	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006563	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006564	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006565	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006566	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006567	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006568	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006569	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006570	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006571	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006572	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006573	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006574	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006575	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006576	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006577	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006578	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006579	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006580	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006581	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006582	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006583	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006584	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006585	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006586	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006587	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006588	0.00000003659	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0006589	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006590	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006591	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006592	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006593	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006594	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006595	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006596	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006597	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006598	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006599	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006600	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006601	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006602	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006603	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006604	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006605	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006606	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006607	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006608	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006609	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006610	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006611	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006612	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006613	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006614	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006615	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006616	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006617	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006618	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006619	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006620	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006621	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006622	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006623	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006624	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006625	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006626	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006627	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006628	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006629	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006630	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006631	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006632	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006633	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006634	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006635	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006636	0.00000003659	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0006637	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006638	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006639	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006640	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006641	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006642	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006643	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006644	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006645	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006646	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006647	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006648	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006649	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006650	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006651	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006652	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006653	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006654	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006655	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006656	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006657	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006658	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006659	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006660	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006661	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006662	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006663	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006664	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006665	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006666	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006667	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006668	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006669	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006670	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006671	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006672	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006673	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006674	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006675	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006676	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006677	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006678	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006679	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006680	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006681	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006682	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006683	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006684	0.00000003659	0.00	1.67	1.93



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0006685	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006686	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006687	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006688	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006689	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006690	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006691	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006692	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006693	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006694	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006695	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006696	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006697	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006698	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006699	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006700	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006701	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006702	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006703	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006704	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006705	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006706	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006707	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006708	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006709	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006710	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006711	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006712	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006713	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006714	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006715	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006716	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006717	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006718	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006719	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006720	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006721	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006722	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006723	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006724	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006725	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006726	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006727	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006728	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006729	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006730	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006731	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006732	0.00000003659	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0006733	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006734	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006735	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006736	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006737	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006738	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006739	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006740	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006741	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006742	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006743	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006744	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006745	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006746	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006747	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006748	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006749	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006750	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006751	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006752	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006753	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006754	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006755	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006756	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006757	0.00000003659	0.00	1.67	1.93
SRCPARAM	L0006758	0.00000003659	0.00	1.67	1.93

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\*\* LINE VOLUME Source ID = TRUCK\_IDLE

SRCPARAM	L0006759	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006760	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006761	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006762	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006763	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006764	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006765	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006766	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006767	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006768	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006769	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006770	0.0009076923	0.00	1.67	1.93
SRCPARAM	L0006771	0.0009076923	0.00	1.67	1.93

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SRCPARAM GS\_TRUCK 1.1779E-09 4.150 48.310 56.410 0.000

\*\* LINE VOLUME Source ID = NB2\_TRUCK

SRCPARAM	L0049490	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049491	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049492	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049493	0.0000007444	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049494	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049495	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049496	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049497	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049498	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049499	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049500	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049501	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049502	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049503	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049504	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049505	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049506	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049507	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049508	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049509	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049510	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049511	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049512	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049513	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049514	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049515	0.0000007444	0.00	1.67	1.93
SRCPARAM	L0049516	0.0000007444	0.00	1.67	1.93

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\*\* LINE VOLUME Source ID = SB2\_TRUCK

SRCPARAM	L0049517	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049518	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049519	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049520	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049521	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049522	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049523	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049524	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049525	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049526	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049527	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049528	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049529	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049530	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049531	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049532	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049533	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049534	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049535	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049536	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049537	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049538	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049539	0.0000004102	0.00	1.67	1.93

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SRCPARAM	L0049540	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049541	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049542	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049543	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049544	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049545	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049546	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049547	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049548	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049549	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049550	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049551	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049552	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049553	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049554	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049555	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049556	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049557	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049558	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049559	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049560	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049561	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049562	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049563	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049564	0.0000004102	0.00	1.67	1.93
SRCPARAM	L0049565	0.0000004102	0.00	1.67	1.93

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED NorthgateVallejo\_HRA\_PM10.rou

RE FINISHED

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\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

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ME STARTING

SURFFILE NapaCountyAirport\_MetData\724955.SFC

PROFFILE NapaCountyAirport\_MetData\724955.PFL

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SURFDATA 93227 2009 Napa\_County\_Airport

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 4.3 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST NORTHGATEVALLEJO\_HRA\_PM10.AD\01H1GALL.PLT 31

PLOTFILE 24 ALL 1ST NORTHGATEVALLEJO\_HRA\_PM10.AD\24H1GALL.PLT 32

PLOTFILE ANNUAL ALL NORTHGATEVALLEJO\_HRA\_PM10.AD\AN00GALL.PLT 33

SUMMFILE NorthgateVallejo\_HRA\_PM10.sum

OU FINISHED

\*\*\*\*\*

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

\*\*\*\*\*

^ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*

01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 14:46:01

PAGE 1

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

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

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 922 Source(s),

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt  
for Total of 1 Urban Area(s):  
Urban Population = 445458.0 ; Urban Roughness Length = 1.000 m

**\*\*Model Uses Regulatory DEFAULT Options:**

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

**\*\*Other Options Specified:**

CCVR\_Sub - Meteorological data includes CCVR substitutions  
TEMP\_Sub - Meteorological data includes TEMP substitutions

**\*\*Model Assumes No FLAGPOLE Receptor Heights.**

**\*\*The User Specified a Pollutant Type of: PM<sub>10</sub>**

**\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates ANNUAL Averages**

**\*\*This Run Includes: 922 Source(s); 1 Source Group(s); and 604  
Receptor(s)**

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 921 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

**\*\*Model Set To Continue RUNNING After the Setup Testing.**

**\*\*The AERMET Input Meteorological Data Version Date: 14134**

**\*\*Output Options Selected:**

Model Outputs Tables of ANNUAL Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

**\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours**

m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 4.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 4.1 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: NorthgateVallejo\_HRA\_PM10.err

\*\*File for Summary of Results: NorthgateVallejo\_HRA\_PM10.sum

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 2

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	EMISSION	BASE	RELEASE	INIT.
INIT.	SOURCE	EMISSION	RATE		ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							

L0048843	0	0.67910E-07	567486.9	4219553.5	37.4	0.00	1.67
1.93	YES						
L0048844	0	0.67910E-07	567487.6	4219557.0	37.6	0.00	1.67
1.93	YES						
L0048845	0	0.67910E-07	567488.2	4219560.6	37.9	0.00	1.67
1.93	YES						

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0048846	0	0.67910E-07	567488.9	4219564.1	38.2	0.00	1.67
1.93	YES						
L0048847	0	0.67910E-07	567489.5	4219567.7	38.6	0.00	1.67
1.93	YES						
L0048848	0	0.67910E-07	567490.2	4219571.2	38.9	0.00	1.67
1.93	YES						
L0048849	0	0.67910E-07	567490.8	4219574.7	39.2	0.00	1.67
1.93	YES						
L0048850	0	0.67910E-07	567491.5	4219578.3	39.5	0.00	1.67
1.93	YES						
L0048851	0	0.67910E-07	567492.1	4219581.8	39.7	0.00	1.67
1.93	YES						
L0048852	0	0.67910E-07	567492.7	4219585.4	39.9	0.00	1.67
1.93	YES						
L0048853	0	0.67910E-07	567493.4	4219588.9	40.2	0.00	1.67
1.93	YES						
L0048854	0	0.67910E-07	567494.0	4219592.4	40.3	0.00	1.67
1.93	YES						
L0048855	0	0.67910E-07	567494.7	4219596.0	40.4	0.00	1.67
1.93	YES						
L0048856	0	0.67910E-07	567495.3	4219599.5	40.6	0.00	1.67
1.93	YES						
L0048857	0	0.67910E-07	567496.0	4219603.1	40.7	0.00	1.67
1.93	YES						
L0048858	0	0.67910E-07	567496.6	4219606.6	40.9	0.00	1.67
1.93	YES						
L0048859	0	0.67910E-07	567497.3	4219610.1	41.0	0.00	1.67
1.93	YES						
L0048860	0	0.67910E-07	567497.9	4219613.7	41.0	0.00	1.67
1.93	YES						
L0048861	0	0.67910E-07	567498.6	4219617.2	41.0	0.00	1.67
1.93	YES						
L0048862	0	0.67910E-07	567499.2	4219620.8	41.0	0.00	1.67
1.93	YES						
L0048863	0	0.67910E-07	567499.9	4219624.3	41.1	0.00	1.67
1.93	YES						
L0048864	0	0.67910E-07	567500.5	4219627.9	41.1	0.00	1.67
1.93	YES						
L0048865	0	0.67910E-07	567501.1	4219631.4	41.2	0.00	1.67
1.93	YES						
L0048866	0	0.67910E-07	567501.8	4219634.9	41.2	0.00	1.67
1.93	YES						
L0048867	0	0.67910E-07	567502.4	4219638.5	41.3	0.00	1.67
1.93	YES						
L0048868	0	0.67910E-07	567503.1	4219642.0	41.3	0.00	1.67
1.93	YES						
L0048869	0	0.67910E-07	567503.7	4219645.6	41.3	0.00	1.67
1.93	YES						



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0048870	0	0.67910E-07	567504.4	4219649.1	41.3	0.00	1.67
1.93	YES						
L0048871	0	0.67910E-07	567505.0	4219652.7	41.3	0.00	1.67
1.93	YES						
L0048872	0	0.67910E-07	567505.6	4219656.2	41.3	0.00	1.67
1.93	YES						
L0048873	0	0.67910E-07	567506.2	4219659.8	41.3	0.00	1.67
1.93	YES						
L0048874	0	0.67910E-07	567506.8	4219663.3	41.3	0.00	1.67
1.93	YES						
L0048875	0	0.67910E-07	567507.4	4219666.9	41.3	0.00	1.67
1.93	YES						
L0048876	0	0.67910E-07	567508.0	4219670.4	41.3	0.00	1.67
1.93	YES						
L0048877	0	0.67910E-07	567508.6	4219674.0	41.3	0.00	1.67
1.93	YES						
L0048878	0	0.67910E-07	567509.2	4219677.5	41.3	0.00	1.67
1.93	YES						
L0048879	0	0.67910E-07	567509.8	4219681.1	41.2	0.00	1.67
1.93	YES						
L0048880	0	0.67910E-07	567511.2	4219684.2	41.3	0.00	1.67
1.93	YES						
L0048881	0	0.67910E-07	567513.4	4219687.1	41.4	0.00	1.67
1.93	YES						
L0048882	0	0.67910E-07	567515.7	4219689.9	41.5	0.00	1.67
1.93	YES						

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 3

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		X	Y	(METERS)	(METERS)
(METERS)		CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)

L0048883	0	0.67910E-07	567517.9	4219692.7	41.6	0.00	1.67
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0048884		0	0.67910E-07	567520.6	4219695.1	41.8	0.00	1.67
1.93	YES							
L0048885		0	0.67910E-07	567523.3	4219697.4	41.9	0.00	1.67
1.93	YES							
L0048886		0	0.67910E-07	567526.1	4219699.7	42.1	0.00	1.67
1.93	YES							
L0048887		0	0.67910E-07	567528.9	4219702.0	42.2	0.00	1.67
1.93	YES							
L0048888		0	0.67910E-07	567531.7	4219704.3	42.3	0.00	1.67
1.93	YES							
L0048889		0	0.67910E-07	567534.5	4219706.6	42.4	0.00	1.67
1.93	YES							
L0048890		0	0.67910E-07	567537.6	4219708.2	42.4	0.00	1.67
1.93	YES							
L0048891		0	0.67910E-07	567540.9	4219709.6	42.5	0.00	1.67
1.93	YES							
L0048892		0	0.67910E-07	567544.3	4219711.0	42.5	0.00	1.67
1.93	YES							
L0048893		0	0.67910E-07	567547.6	4219712.4	42.4	0.00	1.67
1.93	YES							
L0048894		0	0.67910E-07	567550.9	4219713.7	42.1	0.00	1.67
1.93	YES							
L0048895		0	0.67910E-07	567554.3	4219715.0	41.8	0.00	1.67
1.93	YES							
L0048896		0	0.67910E-07	567557.7	4219716.2	41.5	0.00	1.67
1.93	YES							
L0048897		0	0.67910E-07	567561.1	4219717.4	41.2	0.00	1.67
1.93	YES							
L0048898		0	0.67910E-07	567564.5	4219718.6	40.9	0.00	1.67
1.93	YES							
L0048899		0	0.67910E-07	567567.9	4219719.8	40.7	0.00	1.67
1.93	YES							
L0048900		0	0.67910E-07	567571.3	4219721.0	40.5	0.00	1.67
1.93	YES							
L0048901		0	0.67910E-07	567574.7	4219722.2	40.3	0.00	1.67
1.93	YES							
L0048902		0	0.67910E-07	567578.1	4219723.4	40.1	0.00	1.67
1.93	YES							
L0048903		0	0.67910E-07	567581.4	4219724.5	39.9	0.00	1.67
1.93	YES							
L0048904		0	0.67910E-07	567584.8	4219725.7	39.8	0.00	1.67
1.93	YES							
L0048905		0	0.67910E-07	567588.2	4219726.9	39.6	0.00	1.67
1.93	YES							
L0048906		0	0.67910E-07	567591.6	4219728.1	39.5	0.00	1.67
1.93	YES							
L0048907		0	0.67910E-07	567595.0	4219729.3	39.4	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0048908		0	0.67910E-07	567598.4	4219730.5	39.3	0.00	1.67
1.93	YES							
L0048909		0	0.67910E-07	567601.8	4219731.7	39.2	0.00	1.67
1.93	YES							
L0048910		0	0.67910E-07	567605.2	4219732.9	39.1	0.00	1.67
1.93	YES							
L0048911		0	0.67910E-07	567608.6	4219734.1	39.0	0.00	1.67
1.93	YES							
L0048912		0	0.67910E-07	567612.0	4219735.3	38.7	0.00	1.67
1.93	YES							
L0048913		0	0.67910E-07	567615.4	4219736.5	38.4	0.00	1.67
1.93	YES							
L0048914		0	0.67910E-07	567618.8	4219737.6	38.1	0.00	1.67
1.93	YES							
L0048915		0	0.67910E-07	567622.2	4219738.8	37.8	0.00	1.67
1.93	YES							
L0048916		0	0.67910E-07	567625.6	4219740.0	37.5	0.00	1.67
1.93	YES							
L0048917		0	0.67910E-07	567628.8	4219741.8	37.3	0.00	1.67
1.93	YES							
L0048918		0	0.67910E-07	567631.9	4219743.5	37.1	0.00	1.67
1.93	YES							
L0048919		0	0.67910E-07	567635.1	4219745.2	37.0	0.00	1.67
1.93	YES							
L0048920		0	0.67910E-07	567638.2	4219746.9	36.9	0.00	1.67
1.93	YES							
L0048921		0	0.67910E-07	567641.4	4219748.7	36.8	0.00	1.67
1.93	YES							
L0048922		0	0.67910E-07	567644.6	4219750.4	36.8	0.00	1.67

1.93 YES

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 4

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY		X	Y		
		CATS.			(METERS)	(METERS)	(METERS)	(METERS)

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt  
BY

(METERS)

L0048923	0	0.67910E-07	567647.7	4219752.1	36.7	0.00	1.67
1.93 YES							
L0048924	0	0.67910E-07	567650.9	4219753.9	36.6	0.00	1.67
1.93 YES							
L0048925	0	0.67910E-07	567654.0	4219755.7	36.5	0.00	1.67
1.93 YES							
L0048926	0	0.67910E-07	567657.0	4219757.6	36.5	0.00	1.67
1.93 YES							
L0048927	0	0.67910E-07	567660.1	4219759.4	36.4	0.00	1.67
1.93 YES							
L0048928	0	0.67910E-07	567663.2	4219761.3	36.4	0.00	1.67
1.93 YES							
L0048929	0	0.67910E-07	567665.7	4219763.9	36.3	0.00	1.67
1.93 YES							
L0048930	0	0.67910E-07	567668.2	4219766.5	36.2	0.00	1.67
1.93 YES							
L0048931	0	0.67910E-07	567670.6	4219769.1	36.1	0.00	1.67
1.93 YES							
L0048932	0	0.67910E-07	567673.1	4219771.8	35.9	0.00	1.67
1.93 YES							
L0048933	0	0.67910E-07	567674.2	4219775.1	35.8	0.00	1.67
1.93 YES							
L0048934	0	0.67910E-07	567675.1	4219778.6	35.9	0.00	1.67
1.93 YES							
L0048935	0	0.67910E-07	567675.9	4219782.1	36.1	0.00	1.67
1.93 YES							
L0048936	0	0.67910E-07	567676.8	4219785.6	36.2	0.00	1.67
1.93 YES							
L0048937	0	0.67910E-07	567676.4	4219789.2	36.2	0.00	1.67
1.93 YES							
L0048938	0	0.67910E-07	567675.9	4219792.8	36.2	0.00	1.67
1.93 YES							
L0048939	0	0.67910E-07	567675.5	4219796.3	36.2	0.00	1.67
1.93 YES							
L0048940	0	0.67910E-07	567675.1	4219799.9	36.1	0.00	1.67
1.93 YES							
L0048941	0	0.67910E-07	567674.6	4219803.5	36.0	0.00	1.67
1.93 YES							
L0048942	0	0.67910E-07	567674.2	4219807.1	36.0	0.00	1.67
1.93 YES							
L0048943	0	0.67910E-07	567673.8	4219810.6	35.8	0.00	1.67
1.93 YES							
L0048944	0	0.67910E-07	567673.3	4219814.2	35.7	0.00	1.67
1.93 YES							

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0048945	0	0.67910E-07	567672.7	4219817.7	35.6	0.00	1.67
1.93	YES						
L0048946	0	0.67910E-07	567672.1	4219821.3	35.5	0.00	1.67
1.93	YES						
L0048947	0	0.67910E-07	567671.5	4219824.8	35.4	0.00	1.67
1.93	YES						
L0048948	0	0.67910E-07	567670.9	4219828.4	35.2	0.00	1.67
1.93	YES						
L0048949	0	0.67910E-07	567670.3	4219831.9	35.1	0.00	1.67
1.93	YES						
L0048950	0	0.67910E-07	567669.7	4219835.5	34.9	0.00	1.67
1.93	YES						
L0048951	0	0.67910E-07	567669.1	4219839.0	34.8	0.00	1.67
1.93	YES						
L0048952	0	0.67910E-07	567668.5	4219842.6	34.7	0.00	1.67
1.93	YES						
L0048953	0	0.67910E-07	567668.1	4219846.2	34.6	0.00	1.67
1.93	YES						
L0048954	0	0.67910E-07	567667.7	4219849.7	34.4	0.00	1.67
1.93	YES						
L0048955	0	0.67910E-07	567667.3	4219853.3	34.3	0.00	1.67
1.93	YES						
L0048956	0	0.67910E-07	567666.9	4219856.9	34.1	0.00	1.67
1.93	YES						
L0048957	0	0.67910E-07	567666.5	4219860.5	34.0	0.00	1.67
1.93	YES						
L0048958	0	0.67910E-07	567666.2	4219864.1	33.8	0.00	1.67
1.93	YES						
L0048959	0	0.67910E-07	567665.8	4219867.6	33.7	0.00	1.67
1.93	YES						
L0048960	0	0.67910E-07	567665.4	4219871.2	33.6	0.00	1.67
1.93	YES						
L0048961	0	0.67910E-07	567665.0	4219874.8	33.4	0.00	1.67
1.93	YES						
L0048962	0	0.67910E-07	567664.6	4219878.4	33.3	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 5

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

INIT.	URBAN	NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION RATE	PART.	(GRAMS/SEC)	X	Y	SY	
(METERS)	ID	SCALAR	VARY	CATS.	(METERS)	(METERS)	(METERS)	
			BY		ELEV.	HEIGHT		
					(METERS)	(METERS)	(METERS)	
L0048963		0	0.67910E-07	567664.3	4219882.0	33.1	0.00	1.67
1.93	YES							
L0048964		0	0.67910E-07	567663.9	4219885.5	33.0	0.00	1.67
1.93	YES							
L0048965		0	0.67910E-07	567663.5	4219889.1	32.9	0.00	1.67
1.93	YES							
L0048966		0	0.67910E-07	567663.1	4219892.7	32.8	0.00	1.67
1.93	YES							
L0048967		0	0.67910E-07	567662.7	4219896.3	32.7	0.00	1.67
1.93	YES							
L0048968		0	0.67910E-07	567662.4	4219899.9	32.6	0.00	1.67
1.93	YES							
L0048969		0	0.67910E-07	567662.0	4219903.4	32.5	0.00	1.67
1.93	YES							
L0048970		0	0.67910E-07	567661.6	4219907.0	32.4	0.00	1.67
1.93	YES							
L0048971		0	0.67910E-07	567661.2	4219910.6	32.3	0.00	1.67
1.93	YES							
L0048972		0	0.67910E-07	567660.8	4219914.2	32.2	0.00	1.67
1.93	YES							
L0048973		0	0.67910E-07	567660.5	4219917.8	32.1	0.00	1.67
1.93	YES							
L0048974		0	0.67910E-07	567660.1	4219921.3	32.0	0.00	1.67
1.93	YES							
L0048975		0	0.67910E-07	567659.7	4219924.9	31.9	0.00	1.67
1.93	YES							
L0048976		0	0.67910E-07	567659.3	4219928.5	31.8	0.00	1.67
1.93	YES							
L0048977		0	0.67910E-07	567659.0	4219932.1	31.7	0.00	1.67
1.93	YES							
L0048978		0	0.67910E-07	567658.6	4219935.7	31.6	0.00	1.67
1.93	YES							
L0048979		0	0.67910E-07	567658.2	4219939.2	31.5	0.00	1.67
1.93	YES							
L0048980		0	0.67910E-07	567657.8	4219942.8	31.4	0.00	1.67
1.93	YES							
L0048981		0	0.67910E-07	567657.4	4219946.4	31.2	0.00	1.67
1.93	YES							
L0048982		0	0.67910E-07	567657.1	4219950.0	31.1	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0048983		0	0.67910E-07	567656.7	4219953.6	31.1	0.00	1.67
1.93	YES							
L0048984		0	0.67910E-07	567656.3	4219957.1	31.0	0.00	1.67
1.93	YES							
L0048985		0	0.67910E-07	567655.9	4219960.7	30.9	0.00	1.67
1.93	YES							
L0048986		0	0.67910E-07	567655.5	4219964.3	30.9	0.00	1.67
1.93	YES							
L0048987		0	0.67910E-07	567655.2	4219967.9	30.8	0.00	1.67
1.93	YES							
L0048988		0	0.67910E-07	567654.8	4219971.5	30.8	0.00	1.67
1.93	YES							
L0048989		0	0.67910E-07	567654.4	4219975.0	30.7	0.00	1.67
1.93	YES							
L0048990		0	0.67910E-07	567654.0	4219978.6	30.7	0.00	1.67
1.93	YES							
L0048991		0	0.67910E-07	567653.6	4219982.2	30.6	0.00	1.67
1.93	YES							
L0048992		0	0.67910E-07	567653.4	4219985.8	30.7	0.00	1.67
1.93	YES							
L0048993		0	0.67910E-07	567653.7	4219989.4	30.7	0.00	1.67
1.93	YES							
L0048994		0	0.67910E-07	567654.0	4219993.0	30.7	0.00	1.67
1.93	YES							
L0048995		0	0.67910E-07	567654.3	4219996.5	30.7	0.00	1.67
1.93	YES							
L0048996		0	0.67910E-07	567654.6	4220000.1	30.8	0.00	1.67
1.93	YES							
L0048997		0	0.67910E-07	567654.9	4220003.7	30.8	0.00	1.67
1.93	YES							
L0048998		0	0.67910E-07	567655.2	4220007.3	30.9	0.00	1.67
1.93	YES							
L0048999		0	0.67910E-07	567655.5	4220010.9	30.9	0.00	1.67
1.93	YES							
L0049000		0	0.67910E-07	567655.8	4220014.5	31.0	0.00	1.67
1.93	YES							
L0049001		0	0.67910E-07	567656.1	4220018.1	31.0	0.00	1.67
1.93	YES							
L0049002		0	0.67910E-07	567656.4	4220021.7	31.0	0.00	1.67

1.93 YES

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 6

Page 54

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0049003		0	0.67910E-07	567656.7	4220025.2	31.0	0.00	1.67
1.93	YES							
L0049004		0	0.67910E-07	567657.0	4220028.8	31.0	0.00	1.67
1.93	YES							
L0049005		0	0.67910E-07	567657.3	4220032.4	31.1	0.00	1.67
1.93	YES							
L0049006		0	0.67910E-07	567657.6	4220036.0	31.1	0.00	1.67
1.93	YES							
L0049007		0	0.67910E-07	567658.2	4220039.5	31.1	0.00	1.67
1.93	YES							
L0049008		0	0.67910E-07	567659.1	4220043.0	31.1	0.00	1.67
1.93	YES							
L0049009		0	0.67910E-07	567660.1	4220046.5	31.1	0.00	1.67
1.93	YES							
L0049010		0	0.67910E-07	567661.1	4220049.9	31.1	0.00	1.67
1.93	YES							
L0049011		0	0.67910E-07	567662.2	4220053.4	31.1	0.00	1.67
1.93	YES							
L0049012		0	0.67910E-07	567663.6	4220056.7	31.1	0.00	1.67
1.93	YES							
L0049013		0	0.67910E-07	567664.9	4220060.1	31.1	0.00	1.67
1.93	YES							
L0049014		0	0.67910E-07	567666.2	4220063.4	31.1	0.00	1.67
1.93	YES							
L0049015		0	0.67910E-07	567667.5	4220066.7	31.1	0.00	1.67
1.93	YES							
L0049016		0	0.67910E-07	567668.8	4220070.1	31.2	0.00	1.67
1.93	YES							
L0049017		0	0.67910E-07	567670.2	4220073.4	31.2	0.00	1.67
1.93	YES							
L0049018		0	0.67910E-07	567671.5	4220076.8	31.2	0.00	1.67
1.93	YES							
L0049019		0	0.67910E-07	567672.8	4220080.1	31.1	0.00	1.67
1.93	YES							



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049020	0	0.67910E-07	567674.1	4220083.5	31.1	0.00	1.67
1.93	YES						
L0049021	0	0.67910E-07	567675.5	4220086.8	31.1	0.00	1.67
1.93	YES						
L0049022	0	0.67910E-07	567676.8	4220090.2	31.0	0.00	1.67
1.93	YES						
L0049023	0	0.67910E-07	567678.1	4220093.5	31.0	0.00	1.67
1.93	YES						
L0049024	0	0.67910E-07	567679.4	4220096.9	31.0	0.00	1.67
1.93	YES						
L0049025	0	0.67910E-07	567680.8	4220100.2	30.9	0.00	1.67
1.93	YES						
L0049026	0	0.67910E-07	567682.1	4220103.6	30.9	0.00	1.67
1.93	YES						
L0049027	0	0.67910E-07	567683.4	4220106.9	30.9	0.00	1.67
1.93	YES						
L0049028	0	0.67910E-07	567684.7	4220110.3	30.9	0.00	1.67
1.93	YES						
L0049029	0	0.67910E-07	567686.0	4220113.6	30.9	0.00	1.67
1.93	YES						
L0049030	0	0.67910E-07	567687.4	4220117.0	30.9	0.00	1.67
1.93	YES						
L0049031	0	0.67910E-07	567688.7	4220120.3	30.9	0.00	1.67
1.93	YES						
L0049032	0	0.67910E-07	567690.0	4220123.7	30.9	0.00	1.67
1.93	YES						
L0049033	0	0.67910E-07	567691.3	4220127.0	30.8	0.00	1.67
1.93	YES						
L0049034	0	0.67910E-07	567692.7	4220130.4	30.8	0.00	1.67
1.93	YES						
L0049035	0	0.67910E-07	567694.0	4220133.7	30.8	0.00	1.67
1.93	YES						
L0049036	0	0.67910E-07	567695.3	4220137.1	30.8	0.00	1.67
1.93	YES						
L0049037	0	0.67910E-07	567696.6	4220140.4	30.8	0.00	1.67
1.93	YES						
L0049038	0	0.67910E-07	567698.0	4220143.8	30.8	0.00	1.67
1.93	YES						
L0049039	0	0.67910E-07	567699.3	4220147.1	30.7	0.00	1.67
1.93	YES						
L0049040	0	0.67910E-07	567700.6	4220150.4	30.7	0.00	1.67
1.93	YES						
L0049041	0	0.67910E-07	567701.9	4220153.8	30.7	0.00	1.67
1.93	YES						
L0049042	0	0.67910E-07	567703.3	4220157.1	30.7	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:46:01

PAGE 7

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY					
L0049043		0	0.67910E-07	567704.6	4220160.5	30.7	0.00	1.67
1.93	YES							
L0049044		0	0.67910E-07	567705.9	4220163.8	30.7	0.00	1.67
1.93	YES							
L0049045		0	0.67910E-07	567707.2	4220167.2	30.7	0.00	1.67
1.93	YES							
L0049046		0	0.67910E-07	567708.5	4220170.5	30.6	0.00	1.67
1.93	YES							
L0049047		0	0.67910E-07	567710.0	4220173.8	30.5	0.00	1.67
1.93	YES							
L0049048		0	0.67910E-07	567711.6	4220177.1	30.4	0.00	1.67
1.93	YES							
L0049049		0	0.67910E-07	567713.2	4220180.3	30.4	0.00	1.67
1.93	YES							
L0049050		0	0.67910E-07	567714.8	4220183.5	30.5	0.00	1.67
1.93	YES							
L0049051		0	0.67910E-07	567716.3	4220186.7	30.5	0.00	1.67
1.93	YES							
L0049052		0	0.67910E-07	567717.9	4220190.0	30.5	0.00	1.67
1.93	YES							
L0049053		0	0.67910E-07	567719.5	4220193.2	30.6	0.00	1.67
1.93	YES							
L0049054		0	0.67910E-07	567721.1	4220196.4	30.6	0.00	1.67
1.93	YES							
L0049055		0	0.67910E-07	567722.7	4220199.7	30.7	0.00	1.67
1.93	YES							
L0049056		0	0.67910E-07	567724.3	4220202.9	30.8	0.00	1.67
1.93	YES							
L0049057		0	0.67910E-07	567725.9	4220206.1	30.8	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049058		0	0.67910E-07	567727.5	4220209.3	30.9	0.00	1.67
1.93	YES							
L0049059		0	0.67910E-07	567729.1	4220212.6	31.0	0.00	1.67
1.93	YES							
L0049060		0	0.67910E-07	567730.7	4220215.8	31.1	0.00	1.67
1.93	YES							
L0049061		0	0.67910E-07	567732.3	4220219.0	31.1	0.00	1.67
1.93	YES							
L0049062		0	0.67910E-07	567733.9	4220222.3	31.2	0.00	1.67
1.93	YES							
L0049063		0	0.67910E-07	567735.5	4220225.5	31.2	0.00	1.67
1.93	YES							
L0049064		0	0.67910E-07	567737.1	4220228.7	31.3	0.00	1.67
1.93	YES							
L0049065		0	0.67910E-07	567738.7	4220231.9	31.3	0.00	1.67
1.93	YES							
L0049066		0	0.67910E-07	567740.2	4220235.2	31.4	0.00	1.67
1.93	YES							
L0049067		0	0.67910E-07	567741.8	4220238.4	31.4	0.00	1.67
1.93	YES							
L0049068		0	0.67910E-07	567743.4	4220241.6	31.4	0.00	1.67
1.93	YES							
L0049069		0	0.67910E-07	567745.0	4220244.9	31.3	0.00	1.67
1.93	YES							
L0049070		0	0.67910E-07	567746.6	4220248.1	31.3	0.00	1.67
1.93	YES							
L0049071		0	0.67910E-07	567748.2	4220251.3	31.3	0.00	1.67
1.93	YES							
L0049072		0	0.67910E-07	567749.8	4220254.5	31.2	0.00	1.67
1.93	YES							
L0049073		0	0.67910E-07	567751.4	4220257.8	31.2	0.00	1.67
1.93	YES							
L0049074		0	0.67910E-07	567753.0	4220261.0	31.2	0.00	1.67
1.93	YES							
L0049075		0	0.67910E-07	567754.6	4220264.2	31.1	0.00	1.67
1.93	YES							
L0049076		0	0.67910E-07	567756.2	4220267.5	31.1	0.00	1.67
1.93	YES							
L0049077		0	0.67910E-07	567757.8	4220270.7	31.1	0.00	1.67
1.93	YES							
L0049078		0	0.67910E-07	567759.4	4220273.9	31.1	0.00	1.67
1.93	YES							
L0049079		0	0.67910E-07	567761.0	4220277.1	31.1	0.00	1.67
1.93	YES							
L0049080		0	0.67910E-07	567762.5	4220280.4	31.1	0.00	1.67
1.93	YES							
L0049081		0	0.67910E-07	567764.1	4220283.6	31.1	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93 YES  
 L0049082 0 0.67910E-07 567765.7 4220286.8 31.1 0.00 1.67

1.93 YES

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 8

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE			BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION RATE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						

L0049083	0	0.67910E-07	567767.3	4220290.1	31.2	0.00	1.67
1.93 YES							
L0049084	0	0.67910E-07	567768.9	4220293.3	31.2	0.00	1.67
1.93 YES							
L0049085	0	0.67910E-07	567770.5	4220296.5	31.3	0.00	1.67
1.93 YES							
L0049086	0	0.67910E-07	567772.1	4220299.7	31.4	0.00	1.67
1.93 YES							
L0049087	0	0.67910E-07	567773.7	4220303.0	31.5	0.00	1.67
1.93 YES							
L0049088	0	0.67910E-07	567775.3	4220306.2	31.6	0.00	1.67
1.93 YES							
L0049089	0	0.67910E-07	567776.9	4220309.4	31.7	0.00	1.67
1.93 YES							
L0049090	0	0.67910E-07	567778.5	4220312.7	31.7	0.00	1.67
1.93 YES							
L0049091	0	0.67910E-07	567780.1	4220315.9	31.8	0.00	1.67
1.93 YES							
L0049092	0	0.67910E-07	567781.7	4220319.1	31.9	0.00	1.67
1.93 YES							
L0049093	0	0.67910E-07	567783.3	4220322.3	31.9	0.00	1.67
1.93 YES							
L0049094	0	0.67910E-07	567784.9	4220325.6	31.9	0.00	1.67
1.93 YES							

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0049095	0	0.67910E-07	567786.4	4220328.8	31.8	0.00	1.67
1.93	YES						
L0049096	0	0.67910E-07	567788.0	4220332.0	31.7	0.00	1.67
1.93	YES						
L0049097	0	0.67910E-07	567789.6	4220335.2	31.6	0.00	1.67
1.93	YES						
L0049098	0	0.67910E-07	567791.2	4220338.5	31.5	0.00	1.67
1.93	YES						
L0049099	0	0.67910E-07	567792.8	4220341.7	31.5	0.00	1.67
1.93	YES						
L0049100	0	0.67910E-07	567794.4	4220344.9	31.7	0.00	1.67
1.93	YES						
L0049101	0	0.67910E-07	567796.0	4220348.2	31.9	0.00	1.67
1.93	YES						
L0049102	0	0.67910E-07	567797.6	4220351.4	32.1	0.00	1.67
1.93	YES						
L0049103	0	0.67910E-07	567799.2	4220354.6	32.3	0.00	1.67
1.93	YES						
L0049104	0	0.67910E-07	567800.8	4220357.8	32.7	0.00	1.67
1.93	YES						
L0049105	0	0.67910E-07	567802.4	4220361.1	33.0	0.00	1.67
1.93	YES						
L0049106	0	0.67910E-07	567804.0	4220364.3	33.3	0.00	1.67
1.93	YES						
L0049107	0	0.67910E-07	567805.6	4220367.5	33.5	0.00	1.67
1.93	YES						
L0049108	0	0.67910E-07	567807.2	4220370.8	33.8	0.00	1.67
1.93	YES						
L0049109	0	0.67910E-07	567808.7	4220374.0	34.0	0.00	1.67
1.93	YES						
L0049110	0	0.67910E-07	567810.3	4220377.2	34.2	0.00	1.67
1.93	YES						
L0049111	0	0.67910E-07	567811.9	4220380.4	34.5	0.00	1.67
1.93	YES						
L0049112	0	0.67910E-07	567813.5	4220383.7	34.7	0.00	1.67
1.93	YES						
L0049113	0	0.67910E-07	567815.1	4220386.9	35.0	0.00	1.67
1.93	YES						
L0049114	0	0.67910E-07	567816.7	4220390.1	35.2	0.00	1.67
1.93	YES						
L0049115	0	0.67910E-07	567818.3	4220393.4	35.4	0.00	1.67
1.93	YES						
L0049116	0	0.67910E-07	567819.9	4220396.6	35.9	0.00	1.67
1.93	YES						
L0049117	0	0.67910E-07	567821.5	4220399.8	36.3	0.00	1.67
1.93	YES						
L0049118	0	0.67910E-07	567823.1	4220403.0	36.8	0.00	1.67
1.93	YES						

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049119	0	0.67910E-07	567824.7	4220406.3	37.4	0.00	1.67
1.93	YES						
L0049120	0	0.67910E-07	567826.3	4220409.5	37.9	0.00	1.67
1.93	YES						
L0049121	0	0.67910E-07	567827.9	4220412.7	38.5	0.00	1.67
1.93	YES						
L0049122	0	0.67910E-07	567829.5	4220416.0	38.9	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 9

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0049123	0	0.67910E-07	567831.1	4220419.2	39.3	0.00	1.67
1.93	YES						
L0049124	0	0.67910E-07	567832.6	4220422.4	39.5	0.00	1.67
1.93	YES						
L0049125	0	0.67910E-07	567834.2	4220425.6	39.6	0.00	1.67
1.93	YES						
L0049126	0	0.67910E-07	567835.8	4220428.9	39.6	0.00	1.67
1.93	YES						
L0049127	0	0.67910E-07	567837.4	4220432.1	39.8	0.00	1.67
1.93	YES						
L0049128	0	0.67910E-07	567839.0	4220435.3	39.9	0.00	1.67
1.93	YES						
L0049129	0	0.67910E-07	567840.6	4220438.6	39.8	0.00	1.67
1.93	YES						
L0049130	0	0.67910E-07	567842.2	4220441.8	39.8	0.00	1.67
1.93	YES						
L0049131	0	0.67910E-07	567843.8	4220445.0	39.9	0.00	1.67
1.93	YES						
L0049132	0	0.67910E-07	567845.4	4220448.2	40.0	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049133		0	0.67910E-07	567847.0	4220451.5	40.1	0.00	1.67
1.93	YES							
L0049134		0	0.67910E-07	567848.6	4220454.7	40.1	0.00	1.67
1.93	YES							
L0049135		0	0.67910E-07	567850.2	4220457.9	39.9	0.00	1.67
1.93	YES							
L0049136		0	0.67910E-07	567851.8	4220461.2	39.9	0.00	1.67
1.93	YES							
L0049137		0	0.67910E-07	567853.4	4220464.4	39.8	0.00	1.67
1.93	YES							
L0049138		0	0.67910E-07	567854.9	4220467.6	39.9	0.00	1.67
1.93	YES							
L0049139		0	0.61850E-07	567847.8	4220470.0	38.8	0.00	1.67
1.93	YES							
L0049140		0	0.61850E-07	567846.2	4220466.7	38.8	0.00	1.67
1.93	YES							
L0049141		0	0.61850E-07	567844.6	4220463.5	38.7	0.00	1.67
1.93	YES							
L0049142		0	0.61850E-07	567843.0	4220460.3	38.7	0.00	1.67
1.93	YES							
L0049143		0	0.61850E-07	567841.3	4220457.1	38.9	0.00	1.67
1.93	YES							
L0049144		0	0.61850E-07	567839.7	4220453.9	39.0	0.00	1.67
1.93	YES							
L0049145		0	0.61850E-07	567838.1	4220450.7	38.9	0.00	1.67
1.93	YES							
L0049146		0	0.61850E-07	567836.5	4220447.4	38.7	0.00	1.67
1.93	YES							
L0049147		0	0.61850E-07	567834.9	4220444.2	38.6	0.00	1.67
1.93	YES							
L0049148		0	0.61850E-07	567833.3	4220441.0	38.6	0.00	1.67
1.93	YES							
L0049149		0	0.61850E-07	567831.6	4220437.8	38.7	0.00	1.67
1.93	YES							
L0049150		0	0.61850E-07	567830.0	4220434.6	38.9	0.00	1.67
1.93	YES							
L0049151		0	0.61850E-07	567828.4	4220431.4	38.6	0.00	1.67
1.93	YES							
L0049152		0	0.61850E-07	567826.8	4220428.1	38.5	0.00	1.67
1.93	YES							
L0049153		0	0.61850E-07	567825.2	4220424.9	38.4	0.00	1.67
1.93	YES							
L0049154		0	0.61850E-07	567823.6	4220421.7	38.2	0.00	1.67
1.93	YES							
L0049155		0	0.61850E-07	567821.9	4220418.5	37.9	0.00	1.67
1.93	YES							
L0049156		0	0.61850E-07	567820.3	4220415.3	37.6	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES	L0049157	0	0.61850E-07	567818.7	4220412.1	37.1	0.00	1.67
1.93	YES	L0049158	0	0.61850E-07	567817.1	4220408.8	36.4	0.00	1.67
1.93	YES	L0049159	0	0.61850E-07	567815.5	4220405.6	35.7	0.00	1.67
1.93	YES	L0049160	0	0.61850E-07	567813.8	4220402.4	35.1	0.00	1.67
1.93	YES	L0049161	0	0.61850E-07	567812.2	4220399.2	34.6	0.00	1.67
1.93	YES	L0049162	0	0.61850E-07	567810.6	4220396.0	34.1	0.00	1.67

1.93 YES  
 ^ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 10

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					

L0049163	0	0.61850E-07	567809.0	4220392.8	33.8	0.00	1.67		
1.93	YES	L0049164	0	0.61850E-07	567807.4	4220389.5	33.6	0.00	1.67
1.93	YES	L0049165	0	0.61850E-07	567805.8	4220386.3	33.4	0.00	1.67
1.93	YES	L0049166	0	0.61850E-07	567804.1	4220383.1	33.2	0.00	1.67
1.93	YES	L0049167	0	0.61850E-07	567802.5	4220379.9	33.1	0.00	1.67
1.93	YES	L0049168	0	0.61850E-07	567800.9	4220376.7	32.9	0.00	1.67
1.93	YES	L0049169	0	0.61850E-07	567799.3	4220373.5	32.8	0.00	1.67



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049170	0	0.61850E-07	567797.7	4220370.2	32.6	0.00	1.67
1.93 YES							
L0049171	0	0.61850E-07	567796.1	4220367.0	32.4	0.00	1.67
1.93 YES							
L0049172	0	0.61850E-07	567794.4	4220363.8	32.2	0.00	1.67
1.93 YES							
L0049173	0	0.61850E-07	567792.8	4220360.6	31.9	0.00	1.67
1.93 YES							
L0049174	0	0.61850E-07	567791.2	4220357.4	31.6	0.00	1.67
1.93 YES							
L0049175	0	0.61850E-07	567789.6	4220354.2	31.4	0.00	1.67
1.93 YES							
L0049176	0	0.61850E-07	567788.0	4220351.0	31.2	0.00	1.67
1.93 YES							
L0049177	0	0.61850E-07	567786.4	4220347.7	31.2	0.00	1.67
1.93 YES							
L0049178	0	0.61850E-07	567784.7	4220344.5	31.2	0.00	1.67
1.93 YES							
L0049179	0	0.61850E-07	567783.1	4220341.3	31.1	0.00	1.67
1.93 YES							
L0049180	0	0.61850E-07	567781.5	4220338.1	31.2	0.00	1.67
1.93 YES							
L0049181	0	0.61850E-07	567779.9	4220334.9	31.3	0.00	1.67
1.93 YES							
L0049182	0	0.61850E-07	567778.3	4220331.7	31.3	0.00	1.67
1.93 YES							
L0049183	0	0.61850E-07	567776.7	4220328.4	31.4	0.00	1.67
1.93 YES							
L0049184	0	0.61850E-07	567775.0	4220325.2	31.4	0.00	1.67
1.93 YES							
L0049185	0	0.61850E-07	567773.4	4220322.0	31.4	0.00	1.67
1.93 YES							
L0049186	0	0.61850E-07	567771.8	4220318.8	31.3	0.00	1.67
1.93 YES							
L0049187	0	0.61850E-07	567770.2	4220315.6	31.3	0.00	1.67
1.93 YES							
L0049188	0	0.61850E-07	567768.6	4220312.4	31.2	0.00	1.67
1.93 YES							
L0049189	0	0.61850E-07	567767.0	4220309.1	31.2	0.00	1.67
1.93 YES							
L0049190	0	0.61850E-07	567765.3	4220305.9	31.1	0.00	1.67
1.93 YES							
L0049191	0	0.61850E-07	567763.7	4220302.7	31.1	0.00	1.67
1.93 YES							
L0049192	0	0.61850E-07	567762.1	4220299.5	31.1	0.00	1.67
1.93 YES							
L0049193	0	0.61850E-07	567760.5	4220296.3	31.0	0.00	1.67
1.93 YES							

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049194	0	0.61850E-07	567758.9	4220293.1	31.0	0.00	1.67
1.93	YES						
L0049195	0	0.61850E-07	567757.3	4220289.8	30.9	0.00	1.67
1.93	YES						
L0049196	0	0.61850E-07	567755.8	4220286.5	30.9	0.00	1.67
1.93	YES						
L0049197	0	0.61850E-07	567754.3	4220283.3	30.9	0.00	1.67
1.93	YES						
L0049198	0	0.61850E-07	567752.8	4220280.0	30.9	0.00	1.67
1.93	YES						
L0049199	0	0.61850E-07	567751.3	4220276.7	30.9	0.00	1.67
1.93	YES						
L0049200	0	0.61850E-07	567749.8	4220273.4	30.9	0.00	1.67
1.93	YES						
L0049201	0	0.61850E-07	567748.3	4220270.2	31.0	0.00	1.67
1.93	YES						
L0049202	0	0.61850E-07	567746.8	4220266.9	31.0	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 11

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE		X	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	(GRAMS/SEC)	VARY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					

L0049203	0	0.61850E-07	567745.3	4220263.6	31.0	0.00	1.67
1.93	YES						
L0049204	0	0.61850E-07	567743.8	4220260.3	31.0	0.00	1.67
1.93	YES						
L0049205	0	0.61850E-07	567742.3	4220257.1	31.1	0.00	1.67
1.93	YES						
L0049206	0	0.61850E-07	567740.8	4220253.8	31.1	0.00	1.67
1.93	YES						
L0049207	0	0.61850E-07	567739.3	4220250.5	31.1	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049208		0	0.61850E-07	567737.9	4220247.2	31.2	0.00	1.67
1.93	YES							
L0049209		0	0.61850E-07	567736.4	4220244.0	31.2	0.00	1.67
1.93	YES							
L0049210		0	0.61850E-07	567734.9	4220240.7	31.2	0.00	1.67
1.93	YES							
L0049211		0	0.61850E-07	567733.4	4220237.4	31.2	0.00	1.67
1.93	YES							
L0049212		0	0.61850E-07	567731.9	4220234.1	31.1	0.00	1.67
1.93	YES							
L0049213		0	0.61850E-07	567730.4	4220230.9	31.1	0.00	1.67
1.93	YES							
L0049214		0	0.61850E-07	567728.9	4220227.6	31.0	0.00	1.67
1.93	YES							
L0049215		0	0.61850E-07	567727.4	4220224.3	31.0	0.00	1.67
1.93	YES							
L0049216		0	0.61850E-07	567725.9	4220221.1	31.0	0.00	1.67
1.93	YES							
L0049217		0	0.61850E-07	567724.4	4220217.8	30.9	0.00	1.67
1.93	YES							
L0049218		0	0.61850E-07	567722.9	4220214.5	30.8	0.00	1.67
1.93	YES							
L0049219		0	0.61850E-07	567721.4	4220211.2	30.8	0.00	1.67
1.93	YES							
L0049220		0	0.61850E-07	567719.9	4220208.0	30.7	0.00	1.67
1.93	YES							
L0049221		0	0.61850E-07	567718.4	4220204.7	30.6	0.00	1.67
1.93	YES							
L0049222		0	0.61850E-07	567716.9	4220201.4	30.5	0.00	1.67
1.93	YES							
L0049223		0	0.61850E-07	567715.4	4220198.1	30.5	0.00	1.67
1.93	YES							
L0049224		0	0.61850E-07	567713.9	4220194.9	30.4	0.00	1.67
1.93	YES							
L0049225		0	0.61850E-07	567712.4	4220191.6	30.4	0.00	1.67
1.93	YES							
L0049226		0	0.61850E-07	567710.9	4220188.3	30.4	0.00	1.67
1.93	YES							
L0049227		0	0.61850E-07	567709.4	4220185.0	30.5	0.00	1.67
1.93	YES							
L0049228		0	0.61850E-07	567707.9	4220181.8	30.5	0.00	1.67
1.93	YES							
L0049229		0	0.61850E-07	567706.4	4220178.5	30.6	0.00	1.67
1.93	YES							
L0049230		0	0.61850E-07	567704.9	4220175.2	30.6	0.00	1.67
1.93	YES							
L0049231		0	0.61850E-07	567703.3	4220172.0	30.7	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES	L0049232	0	0.61850E-07	567701.7	4220168.8	30.8	0.00	1.67
1.93	YES	L0049233	0	0.61850E-07	567700.1	4220165.6	30.9	0.00	1.67
1.93	YES	L0049234	0	0.61850E-07	567698.5	4220162.4	30.9	0.00	1.67
1.93	YES	L0049235	0	0.61850E-07	567696.8	4220159.1	30.9	0.00	1.67
1.93	YES	L0049236	0	0.61850E-07	567695.2	4220155.9	30.9	0.00	1.67
1.93	YES	L0049237	0	0.61850E-07	567693.6	4220152.7	30.9	0.00	1.67
1.93	YES	L0049238	0	0.61850E-07	567692.0	4220149.5	30.9	0.00	1.67
1.93	YES	L0049239	0	0.61850E-07	567690.4	4220146.3	30.9	0.00	1.67
1.93	YES	L0049240	0	0.61850E-07	567688.8	4220143.0	31.0	0.00	1.67
1.93	YES	L0049241	0	0.61850E-07	567687.2	4220139.8	31.0	0.00	1.67
1.93	YES	L0049242	0	0.61850E-07	567685.6	4220136.6	31.0	0.00	1.67

1.93 YES  
 ^ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)
(METERS)		VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)

1.93	YES	L0049243	0	0.61850E-07	567683.9	4220133.4	31.0	0.00	1.67
1.93	YES	L0049244	0	0.61850E-07	567682.3	4220130.2	31.0	0.00	1.67

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0049245	0	0.61850E-07	567680.7	4220126.9	31.1	0.00	1.67
1.93	YES						
L0049246	0	0.61850E-07	567679.1	4220123.7	31.1	0.00	1.67
1.93	YES						
L0049247	0	0.61850E-07	567677.5	4220120.5	31.1	0.00	1.67
1.93	YES						
L0049248	0	0.61850E-07	567675.9	4220117.3	31.1	0.00	1.67
1.93	YES						
L0049249	0	0.61850E-07	567674.3	4220114.1	31.2	0.00	1.67
1.93	YES						
L0049250	0	0.61850E-07	567672.7	4220110.9	31.2	0.00	1.67
1.93	YES						
L0049251	0	0.61850E-07	567671.0	4220107.6	31.2	0.00	1.67
1.93	YES						
L0049252	0	0.61850E-07	567669.4	4220104.4	31.2	0.00	1.67
1.93	YES						
L0049253	0	0.61850E-07	567667.8	4220101.2	31.2	0.00	1.67
1.93	YES						
L0049254	0	0.61850E-07	567666.2	4220098.0	31.3	0.00	1.67
1.93	YES						
L0049255	0	0.61850E-07	567664.9	4220094.6	31.3	0.00	1.67
1.93	YES						
L0049256	0	0.61850E-07	567663.6	4220091.3	31.3	0.00	1.67
1.93	YES						
L0049257	0	0.61850E-07	567662.3	4220087.9	31.3	0.00	1.67
1.93	YES						
L0049258	0	0.61850E-07	567661.0	4220084.6	31.4	0.00	1.67
1.93	YES						
L0049259	0	0.61850E-07	567659.7	4220081.2	31.4	0.00	1.67
1.93	YES						
L0049260	0	0.61850E-07	567658.4	4220077.9	31.4	0.00	1.67
1.93	YES						
L0049261	0	0.61850E-07	567657.0	4220074.5	31.4	0.00	1.67
1.93	YES						
L0049262	0	0.61850E-07	567655.7	4220071.2	31.4	0.00	1.67
1.93	YES						
L0049263	0	0.61850E-07	567654.4	4220067.8	31.4	0.00	1.67
1.93	YES						
L0049264	0	0.61850E-07	567653.1	4220064.5	31.4	0.00	1.67
1.93	YES						
L0049265	0	0.61850E-07	567652.1	4220061.0	31.4	0.00	1.67
1.93	YES						
L0049266	0	0.61850E-07	567651.5	4220057.5	31.4	0.00	1.67
1.93	YES						
L0049267	0	0.61850E-07	567650.8	4220053.9	31.4	0.00	1.67
1.93	YES						
L0049268	0	0.61850E-07	567650.2	4220050.4	31.4	0.00	1.67
1.93	YES						

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049269	0	0.61850E-07	567649.5	4220046.8	31.4	0.00	1.67
1.93	YES						
L0049270	0	0.61850E-07	567648.8	4220043.3	31.4	0.00	1.67
1.93	YES						
L0049271	0	0.61850E-07	567648.2	4220039.8	31.4	0.00	1.67
1.93	YES						
L0049272	0	0.61850E-07	567647.5	4220036.2	31.4	0.00	1.67
1.93	YES						
L0049273	0	0.61850E-07	567647.0	4220032.7	31.4	0.00	1.67
1.93	YES						
L0049274	0	0.61850E-07	567646.6	4220029.1	31.3	0.00	1.67
1.93	YES						
L0049275	0	0.61850E-07	567646.2	4220025.5	31.3	0.00	1.67
1.93	YES						
L0049276	0	0.61850E-07	567645.8	4220021.9	31.2	0.00	1.67
1.93	YES						
L0049277	0	0.61850E-07	567645.4	4220018.3	31.2	0.00	1.67
1.93	YES						
L0049278	0	0.61850E-07	567645.0	4220014.8	31.2	0.00	1.67
1.93	YES						
L0049279	0	0.61850E-07	567644.6	4220011.2	31.2	0.00	1.67
1.93	YES						
L0049280	0	0.61850E-07	567644.2	4220007.6	31.1	0.00	1.67
1.93	YES						
L0049281	0	0.61850E-07	567644.0	4220004.0	31.1	0.00	1.67
1.93	YES						
L0049282	0	0.61850E-07	567644.2	4220000.4	31.0	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 13

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY				(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049283	0	0.61850E-07	567644.4	4219996.9	30.9	0.00	1.67
1.93 YES							
L0049284	0	0.61850E-07	567644.7	4219993.3	30.9	0.00	1.67
1.93 YES							
L0049285	0	0.61850E-07	567644.9	4219989.7	30.8	0.00	1.67
1.93 YES							
L0049286	0	0.61850E-07	567645.2	4219986.1	30.8	0.00	1.67
1.93 YES							
L0049287	0	0.61850E-07	567645.4	4219982.5	30.8	0.00	1.67
1.93 YES							
L0049288	0	0.61850E-07	567645.6	4219978.9	30.8	0.00	1.67
1.93 YES							
L0049289	0	0.61850E-07	567645.9	4219975.3	30.8	0.00	1.67
1.93 YES							
L0049290	0	0.61850E-07	567646.1	4219971.7	30.9	0.00	1.67
1.93 YES							
L0049291	0	0.61850E-07	567646.4	4219968.1	30.9	0.00	1.67
1.93 YES							
L0049292	0	0.61850E-07	567646.6	4219964.5	30.9	0.00	1.67
1.93 YES							
L0049293	0	0.61850E-07	567646.9	4219960.9	30.9	0.00	1.67
1.93 YES							
L0049294	0	0.61850E-07	567647.2	4219957.3	31.0	0.00	1.67
1.93 YES							
L0049295	0	0.61850E-07	567647.5	4219953.8	31.1	0.00	1.67
1.93 YES							
L0049296	0	0.61850E-07	567647.9	4219950.2	31.2	0.00	1.67
1.93 YES							
L0049297	0	0.61850E-07	567648.2	4219946.6	31.3	0.00	1.67
1.93 YES							
L0049298	0	0.61850E-07	567648.5	4219943.0	31.4	0.00	1.67
1.93 YES							
L0049299	0	0.61850E-07	567648.9	4219939.4	31.5	0.00	1.67
1.93 YES							
L0049300	0	0.61850E-07	567649.2	4219935.8	31.6	0.00	1.67
1.93 YES							
L0049301	0	0.61850E-07	567649.6	4219932.3	31.8	0.00	1.67
1.93 YES							
L0049302	0	0.61850E-07	567649.9	4219928.7	31.9	0.00	1.67
1.93 YES							
L0049303	0	0.61850E-07	567650.3	4219925.1	32.0	0.00	1.67
1.93 YES							
L0049304	0	0.61850E-07	567650.6	4219921.5	32.2	0.00	1.67
1.93 YES							
L0049305	0	0.61850E-07	567650.9	4219917.9	32.3	0.00	1.67
1.93 YES							
L0049306	0	0.61850E-07	567651.3	4219914.3	32.4	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049307		0	0.61850E-07	567651.6	4219910.8	32.5	0.00	1.67
1.93	YES							
L0049308		0	0.61850E-07	567652.0	4219907.2	32.6	0.00	1.67
1.93	YES							
L0049309		0	0.61850E-07	567652.3	4219903.6	32.7	0.00	1.67
1.93	YES							
L0049310		0	0.61850E-07	567652.7	4219900.0	32.7	0.00	1.67
1.93	YES							
L0049311		0	0.61850E-07	567653.0	4219896.4	32.8	0.00	1.67
1.93	YES							
L0049312		0	0.61850E-07	567653.3	4219892.8	33.0	0.00	1.67
1.93	YES							
L0049313		0	0.61850E-07	567653.7	4219889.3	33.1	0.00	1.67
1.93	YES							
L0049314		0	0.61850E-07	567654.0	4219885.7	33.2	0.00	1.67
1.93	YES							
L0049315		0	0.61850E-07	567654.3	4219882.1	33.3	0.00	1.67
1.93	YES							
L0049316		0	0.61850E-07	567654.6	4219878.5	33.4	0.00	1.67
1.93	YES							
L0049317		0	0.61850E-07	567655.0	4219874.9	33.5	0.00	1.67
1.93	YES							
L0049318		0	0.61850E-07	567655.3	4219871.3	33.7	0.00	1.67
1.93	YES							
L0049319		0	0.61850E-07	567655.6	4219867.7	33.8	0.00	1.67
1.93	YES							
L0049320		0	0.61850E-07	567655.9	4219864.2	33.9	0.00	1.67
1.93	YES							
L0049321		0	0.61850E-07	567656.3	4219860.6	34.1	0.00	1.67
1.93	YES							
L0049322		0	0.61850E-07	567656.6	4219857.0	34.2	0.00	1.67

1.93 YES

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 14

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	EMISSION RATE	EMISSION RATE	ELEV.	HEIGHT	SY
	PART.	(GRAMS/SEC)	X	Y	



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

SZ	SOURCE	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0049323		0	0.61850E-07	567656.9	4219853.4	34.4	0.00	1.67
1.93	YES							
L0049324		0	0.61850E-07	567657.2	4219849.8	34.6	0.00	1.67
1.93	YES							
L0049325		0	0.61850E-07	567657.6	4219846.2	34.8	0.00	1.67
1.93	YES							
L0049326		0	0.61850E-07	567657.9	4219842.6	35.0	0.00	1.67
1.93	YES							
L0049327		0	0.61850E-07	567658.2	4219839.1	35.2	0.00	1.67
1.93	YES							
L0049328		0	0.61850E-07	567658.6	4219835.5	35.3	0.00	1.67
1.93	YES							
L0049329		0	0.61850E-07	567658.9	4219831.9	35.5	0.00	1.67
1.93	YES							
L0049330		0	0.61850E-07	567659.2	4219828.3	35.6	0.00	1.67
1.93	YES							
L0049331		0	0.61850E-07	567659.5	4219824.7	35.8	0.00	1.67
1.93	YES							
L0049332		0	0.61850E-07	567659.9	4219821.1	36.0	0.00	1.67
1.93	YES							
L0049333		0	0.61850E-07	567660.2	4219817.6	36.1	0.00	1.67
1.93	YES							
L0049334		0	0.61850E-07	567659.2	4219814.2	36.3	0.00	1.67
1.93	YES							
L0049335		0	0.61850E-07	567657.7	4219810.9	36.5	0.00	1.67
1.93	YES							
L0049336		0	0.61850E-07	567656.3	4219807.6	36.7	0.00	1.67
1.93	YES							
L0049337		0	0.61850E-07	567653.9	4219805.2	36.9	0.00	1.67
1.93	YES							
L0049338		0	0.61850E-07	567650.7	4219803.5	37.0	0.00	1.67
1.93	YES							
L0049339		0	0.61850E-07	567647.5	4219801.9	37.1	0.00	1.67
1.93	YES							
L0049340		0	0.61850E-07	567644.3	4219800.2	37.3	0.00	1.67
1.93	YES							
L0049341		0	0.61850E-07	567641.1	4219798.5	37.4	0.00	1.67
1.93	YES							
L0049342		0	0.61850E-07	567637.9	4219796.8	37.4	0.00	1.67
1.93	YES							
L0049343		0	0.61850E-07	567634.7	4219795.2	37.4	0.00	1.67
1.93	YES							

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049344	0	0.61850E-07	567631.3	4219794.0	37.4	0.00	1.67
1.93	YES						
L0049345	0	0.61850E-07	567627.9	4219793.1	37.4	0.00	1.67
1.93	YES						
L0049346	0	0.61850E-07	567624.4	4219792.1	37.4	0.00	1.67
1.93	YES						
L0049347	0	0.61850E-07	567620.9	4219791.2	37.4	0.00	1.67
1.93	YES						
L0049348	0	0.61850E-07	567617.5	4219790.2	37.4	0.00	1.67
1.93	YES						
L0049349	0	0.61850E-07	567614.0	4219789.3	37.4	0.00	1.67
1.93	YES						
L0049350	0	0.61850E-07	567610.5	4219788.3	37.4	0.00	1.67
1.93	YES						
L0049351	0	0.61850E-07	567607.0	4219787.4	37.4	0.00	1.67
1.93	YES						
L0049352	0	0.61850E-07	567603.6	4219786.4	37.4	0.00	1.67
1.93	YES						
L0049353	0	0.61850E-07	567600.1	4219785.5	37.4	0.00	1.67
1.93	YES						
L0049354	0	0.61850E-07	567596.6	4219784.5	37.4	0.00	1.67
1.93	YES						
L0049355	0	0.61850E-07	567593.1	4219783.6	37.4	0.00	1.67
1.93	YES						
L0049356	0	0.61850E-07	567589.7	4219782.7	37.4	0.00	1.67
1.93	YES						
L0049357	0	0.61850E-07	567586.2	4219781.7	37.4	0.00	1.67
1.93	YES						
L0049358	0	0.61850E-07	567582.7	4219780.8	37.4	0.00	1.67
1.93	YES						
L0049359	0	0.61850E-07	567579.2	4219779.8	37.4	0.00	1.67
1.93	YES						
L0049360	0	0.61850E-07	567575.8	4219778.9	37.4	0.00	1.67
1.93	YES						
L0049361	0	0.61850E-07	567572.3	4219777.9	37.4	0.00	1.67
1.93	YES						
L0049362	0	0.61850E-07	567568.8	4219777.0	37.4	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 15

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY					
L0049363		0	0.61850E-07	567565.4	4219776.0	37.4	0.00	1.67
1.93	YES							
L0049364		0	0.61850E-07	567561.9	4219775.1	37.4	0.00	1.67
1.93	YES							
L0049365		0	0.61850E-07	567558.4	4219774.2	37.4	0.00	1.67
1.93	YES							
L0049366		0	0.61850E-07	567554.9	4219773.3	37.4	0.00	1.67
1.93	YES							
L0049367		0	0.61850E-07	567551.4	4219772.3	37.4	0.00	1.67
1.93	YES							
L0049368		0	0.61850E-07	567548.0	4219771.4	37.4	0.00	1.67
1.93	YES							
L0049369		0	0.61850E-07	567544.5	4219770.5	37.4	0.00	1.67
1.93	YES							
L0049370		0	0.61850E-07	567541.0	4219769.6	37.4	0.00	1.67
1.93	YES							
L0049371		0	0.61850E-07	567537.5	4219768.6	37.4	0.00	1.67
1.93	YES							
L0049372		0	0.61850E-07	567534.0	4219767.7	37.4	0.00	1.67
1.93	YES							
L0049373		0	0.61850E-07	567530.6	4219766.8	37.4	0.00	1.67
1.93	YES							
L0049374		0	0.61850E-07	567527.1	4219765.9	37.5	0.00	1.67
1.93	YES							
L0049375		0	0.61850E-07	567523.6	4219764.9	37.7	0.00	1.67
1.93	YES							
L0049376		0	0.61850E-07	567520.1	4219764.0	38.0	0.00	1.67
1.93	YES							
L0049377		0	0.61850E-07	567516.6	4219763.1	38.3	0.00	1.67
1.93	YES							
L0049378		0	0.61850E-07	567513.2	4219762.1	38.6	0.00	1.67
1.93	YES							
L0049379		0	0.61850E-07	567509.7	4219761.2	38.6	0.00	1.67
1.93	YES							
L0049380		0	0.61850E-07	567506.2	4219760.3	38.5	0.00	1.67
1.93	YES							
L0049381		0	0.61850E-07	567502.7	4219759.4	38.4	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049382		0	0.61850E-07	567499.2	4219758.4	38.2	0.00	1.67
1.93	YES							
L0049383		0	0.61850E-07	567495.8	4219757.5	37.9	0.00	1.67
1.93	YES							
L0049384		0	0.61850E-07	567492.3	4219756.6	37.8	0.00	1.67
1.93	YES							
L0049385		0	0.61850E-07	567488.8	4219755.7	37.6	0.00	1.67
1.93	YES							
L0049386		0	0.61850E-07	567485.3	4219754.7	37.4	0.00	1.67
1.93	YES							
L0049387		0	0.61850E-07	567481.9	4219753.8	37.4	0.00	1.67
1.93	YES							
L0049388		0	0.61850E-07	567478.4	4219752.9	37.4	0.00	1.67
1.93	YES							
L0049389		0	0.61850E-07	567474.9	4219752.0	37.4	0.00	1.67
1.93	YES							
L0049390		0	0.61850E-07	567471.4	4219751.0	37.4	0.00	1.67
1.93	YES							
L0049391		0	0.61850E-07	567467.9	4219750.1	37.4	0.00	1.67
1.93	YES							
L0049392		0	0.61850E-07	567464.5	4219749.2	37.4	0.00	1.67
1.93	YES							
L0049393		0	0.61850E-07	567461.0	4219748.3	37.4	0.00	1.67
1.93	YES							
L0049394		0	0.61850E-07	567457.5	4219747.4	37.4	0.00	1.67
1.93	YES							
L0049395		0	0.61850E-07	567454.0	4219746.5	37.4	0.00	1.67
1.93	YES							
L0049396		0	0.61850E-07	567450.5	4219745.6	37.4	0.00	1.67
1.93	YES							
L0049397		0	0.61850E-07	567447.0	4219744.7	37.4	0.00	1.67
1.93	YES							
L0049398		0	0.61850E-07	567443.5	4219743.8	37.4	0.00	1.67
1.93	YES							
L0049399		0	0.61850E-07	567440.0	4219743.0	37.3	0.00	1.67
1.93	YES							
L0049400		0	0.61850E-07	567436.6	4219742.1	37.4	0.00	1.67
1.93	YES							
L0049401		0	0.61850E-07	567433.1	4219741.2	37.5	0.00	1.67
1.93	YES							
L0049402		0	0.61850E-07	567429.6	4219740.3	37.7	0.00	1.67

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0049403		0	0.61850E-07	567426.1	4219739.4	38.0	0.00	1.67
1.93	YES							
L0049404		0	0.61850E-07	567422.6	4219738.6	38.2	0.00	1.67
1.93	YES							
L0049405		0	0.61850E-07	567419.1	4219737.7	38.5	0.00	1.67
1.93	YES							
L0049406		0	0.61850E-07	567415.6	4219736.8	38.8	0.00	1.67
1.93	YES							
L0049407		0	0.61850E-07	567412.1	4219735.9	39.0	0.00	1.67
1.93	YES							
L0049408		0	0.61850E-07	567408.6	4219735.0	39.3	0.00	1.67
1.93	YES							
L0049409		0	0.61850E-07	567405.1	4219734.2	39.5	0.00	1.67
1.93	YES							
L0049410		0	0.61850E-07	567403.2	4219732.4	39.5	0.00	1.67
1.93	YES							
L0049411		0	0.61850E-07	567404.2	4219728.9	39.3	0.00	1.67
1.93	YES							
L0049412		0	0.61850E-07	567405.2	4219725.5	39.1	0.00	1.67
1.93	YES							
L0049413		0	0.61850E-07	567406.2	4219722.0	39.0	0.00	1.67
1.93	YES							
L0049414		0	0.61850E-07	567407.2	4219718.6	39.0	0.00	1.67
1.93	YES							
L0049415		0	0.61850E-07	567408.2	4219715.1	39.0	0.00	1.67
1.93	YES							
L0049416		0	0.61850E-07	567409.2	4219711.6	38.9	0.00	1.67
1.93	YES							
L0049417		0	0.61850E-07	567410.2	4219708.2	38.9	0.00	1.67
1.93	YES							
L0049418		0	0.61850E-07	567411.6	4219704.9	38.8	0.00	1.67
1.93	YES							

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0049419	0	0.61850E-07	567413.1	4219701.6	38.8	0.00	1.67
1.93	YES						
L0049420	0	0.61850E-07	567414.6	4219698.3	38.6	0.00	1.67
1.93	YES						
L0049421	0	0.61850E-07	567416.1	4219695.1	38.5	0.00	1.67
1.93	YES						
L0049422	0	0.61850E-07	567417.6	4219691.8	38.4	0.00	1.67
1.93	YES						
L0049423	0	0.61850E-07	567419.1	4219688.5	38.3	0.00	1.67
1.93	YES						
L0049424	0	0.61850E-07	567420.6	4219685.2	38.2	0.00	1.67
1.93	YES						
L0049425	0	0.61850E-07	567421.7	4219681.8	38.1	0.00	1.67
1.93	YES						
L0049426	0	0.61850E-07	567422.6	4219678.3	38.0	0.00	1.67
1.93	YES						
L0049427	0	0.61850E-07	567423.5	4219674.9	37.8	0.00	1.67
1.93	YES						
L0049428	0	0.61850E-07	567424.4	4219671.4	37.7	0.00	1.67
1.93	YES						
L0049429	0	0.61850E-07	567425.3	4219667.9	37.6	0.00	1.67
1.93	YES						
L0049430	0	0.61850E-07	567426.2	4219664.4	37.5	0.00	1.67
1.93	YES						
L0049431	0	0.61850E-07	567427.1	4219660.9	37.4	0.00	1.67
1.93	YES						
L0049432	0	0.61850E-07	567428.0	4219657.4	37.2	0.00	1.67
1.93	YES						
L0049433	0	0.61850E-07	567428.9	4219653.9	37.1	0.00	1.67
1.93	YES						
L0049434	0	0.61850E-07	567429.8	4219650.5	37.0	0.00	1.67
1.93	YES						
L0049435	0	0.61850E-07	567430.7	4219647.0	36.9	0.00	1.67
1.93	YES						
L0049436	0	0.61850E-07	567431.6	4219643.5	36.8	0.00	1.67
1.93	YES						
L0049437	0	0.61850E-07	567432.5	4219640.0	36.6	0.00	1.67
1.93	YES						
L0049438	0	0.61850E-07	567433.4	4219636.5	36.6	0.00	1.67
1.93	YES						
L0049439	0	0.61850E-07	567434.2	4219633.0	36.6	0.00	1.67
1.93	YES						
L0049440	0	0.61850E-07	567434.9	4219629.5	36.5	0.00	1.67
1.93	YES						
L0049441	0	0.61850E-07	567435.7	4219626.0	36.6	0.00	1.67
1.93	YES						
L0049442	0	0.61850E-07	567436.4	4219622.4	36.6	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 17

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY							
L0049443		0	0.61850E-07	567437.2	4219618.9	36.6	0.00	1.67	
1.93	YES								
L0049444		0	0.61850E-07	567437.9	4219615.4	36.7	0.00	1.67	
1.93	YES								
L0049445		0	0.61850E-07	567438.1	4219611.8	36.7	0.00	1.67	
1.93	YES								
L0049446		0	0.61850E-07	567438.2	4219608.2	36.7	0.00	1.67	
1.93	YES								
L0049447		0	0.61850E-07	567438.4	4219604.6	36.8	0.00	1.67	
1.93	YES								
L0049448		0	0.61850E-07	567438.6	4219601.0	36.8	0.00	1.67	
1.93	YES								
L0049449		0	0.61850E-07	567438.8	4219597.4	36.8	0.00	1.67	
1.93	YES								
L0049450		0	0.61850E-07	567439.0	4219593.8	36.8	0.00	1.67	
1.93	YES								
L0049451		0	0.61850E-07	567439.2	4219590.2	36.9	0.00	1.67	
1.93	YES								
L0049452		0	0.61850E-07	567439.4	4219586.6	36.9	0.00	1.67	
1.93	YES								
L0049453		0	0.61850E-07	567439.6	4219583.0	36.9	0.00	1.67	
1.93	YES								
L0049454		0	0.61850E-07	567439.7	4219579.4	36.9	0.00	1.67	
1.93	YES								
L0049455		0	0.61850E-07	567439.7	4219575.8	37.0	0.00	1.67	
1.93	YES								
L0049456		0	0.61850E-07	567439.7	4219572.2	37.0	0.00	1.67	

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0049457		0	0.61850E-07	567439.8	4219568.6	37.1	0.00	1.67
1.93	YES							
L0049458		0	0.61850E-07	567439.8	4219565.0	37.0	0.00	1.67
1.93	YES							
L0049459		0	0.61850E-07	567439.9	4219561.4	37.0	0.00	1.67
1.93	YES							
L0049460		0	0.61850E-07	567439.9	4219557.8	36.9	0.00	1.67
1.93	YES							
L0049461		0	0.61850E-07	567440.0	4219554.2	36.9	0.00	1.67
1.93	YES							
L0049462		0	0.61850E-07	567440.0	4219550.6	36.8	0.00	1.67
1.93	YES							
L0049463		0	0.61850E-07	567440.0	4219547.0	36.8	0.00	1.67
1.93	YES							
L0006548		0	0.36590E-07	567729.9	4220202.3	30.9	0.00	1.67
1.93	YES							
L0006549		0	0.36590E-07	567732.9	4220200.4	30.9	0.00	1.67
1.93	YES							
L0006550		0	0.36590E-07	567736.0	4220198.4	30.9	0.00	1.67
1.93	YES							
L0006551		0	0.36590E-07	567739.0	4220196.5	30.9	0.00	1.67
1.93	YES							
L0006552		0	0.36590E-07	567742.1	4220194.6	31.0	0.00	1.67
1.93	YES							
L0006553		0	0.36590E-07	567745.1	4220192.6	31.0	0.00	1.67
1.93	YES							
L0006554		0	0.36590E-07	567748.1	4220190.7	31.0	0.00	1.67
1.93	YES							
L0006555		0	0.36590E-07	567751.2	4220188.8	31.0	0.00	1.67
1.93	YES							
L0006556		0	0.36590E-07	567754.2	4220186.8	31.0	0.00	1.67
1.93	YES							
L0006557		0	0.36590E-07	567757.4	4220185.6	31.1	0.00	1.67
1.93	YES							
L0006558		0	0.36590E-07	567761.0	4220185.6	31.1	0.00	1.67
1.93	YES							
L0006559		0	0.36590E-07	567764.6	4220185.7	31.2	0.00	1.67
1.93	YES							
L0006560		0	0.36590E-07	567768.2	4220185.7	31.2	0.00	1.67
1.93	YES							
L0006561		0	0.36590E-07	567771.8	4220185.8	31.3	0.00	1.67
1.93	YES							
L0006562		0	0.36590E-07	567775.4	4220185.8	31.4	0.00	1.67
1.93	YES							
L0006563		0	0.36590E-07	567779.0	4220185.8	31.4	0.00	1.67
1.93	YES							
L0006564		0	0.36590E-07	567782.6	4220185.9	31.6	0.00	1.67



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93 YES  
L0006565 0 0.36590E-07 567786.2 4220185.9 31.7 0.00 1.67

1.93 YES  
L0006566 0 0.36590E-07 567789.8 4220185.9 31.8 0.00 1.67

1.93 YES

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 18

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						

L0006567	0	0.36590E-07	567793.4	4220186.0	31.9	0.00	1.67
1.93 YES							
L0006568	0	0.36590E-07	567797.0	4220186.0	31.9	0.00	1.67
1.93 YES							
L0006569	0	0.36590E-07	567800.6	4220186.0	32.0	0.00	1.67
1.93 YES							
L0006570	0	0.36590E-07	567804.2	4220186.1	32.1	0.00	1.67
1.93 YES							
L0006571	0	0.36590E-07	567807.8	4220186.1	32.2	0.00	1.67
1.93 YES							
L0006572	0	0.36590E-07	567811.4	4220186.1	32.3	0.00	1.67
1.93 YES							
L0006573	0	0.36590E-07	567815.0	4220186.2	32.4	0.00	1.67
1.93 YES							
L0006574	0	0.36590E-07	567818.6	4220186.2	32.5	0.00	1.67
1.93 YES							
L0006575	0	0.36590E-07	567822.2	4220186.2	32.6	0.00	1.67
1.93 YES							
L0006576	0	0.36590E-07	567825.8	4220186.3	32.7	0.00	1.67
1.93 YES							
L0006577	0	0.36590E-07	567829.4	4220186.3	32.8	0.00	1.67
1.93 YES							

NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0006578	0	0.36590E-07	567833.0	4220186.3	32.9	0.00	1.67
1.93	YES						
L0006579	0	0.36590E-07	567836.6	4220186.4	33.0	0.00	1.67
1.93	YES						
L0006580	0	0.36590E-07	567840.2	4220186.4	33.1	0.00	1.67
1.93	YES						
L0006581	0	0.36590E-07	567843.8	4220186.4	33.2	0.00	1.67
1.93	YES						
L0006582	0	0.36590E-07	567847.4	4220186.5	33.4	0.00	1.67
1.93	YES						
L0006583	0	0.36590E-07	567851.0	4220186.5	33.5	0.00	1.67
1.93	YES						
L0006584	0	0.36590E-07	567854.6	4220186.5	33.7	0.00	1.67
1.93	YES						
L0006585	0	0.36590E-07	567858.2	4220186.6	33.8	0.00	1.67
1.93	YES						
L0006586	0	0.36590E-07	567861.8	4220186.6	33.9	0.00	1.67
1.93	YES						
L0006587	0	0.36590E-07	567865.4	4220186.6	34.0	0.00	1.67
1.93	YES						
L0006588	0	0.36590E-07	567869.0	4220186.7	34.2	0.00	1.67
1.93	YES						
L0006589	0	0.36590E-07	567872.6	4220186.7	34.3	0.00	1.67
1.93	YES						
L0006590	0	0.36590E-07	567876.2	4220186.7	34.5	0.00	1.67
1.93	YES						
L0006591	0	0.36590E-07	567879.8	4220186.8	34.6	0.00	1.67
1.93	YES						
L0006592	0	0.36590E-07	567883.4	4220186.8	34.8	0.00	1.67
1.93	YES						
L0006593	0	0.36590E-07	567887.0	4220186.8	34.9	0.00	1.67
1.93	YES						
L0006594	0	0.36590E-07	567890.6	4220186.9	35.0	0.00	1.67
1.93	YES						
L0006595	0	0.36590E-07	567894.2	4220186.9	35.1	0.00	1.67
1.93	YES						
L0006596	0	0.36590E-07	567897.8	4220186.9	35.2	0.00	1.67
1.93	YES						
L0006597	0	0.36590E-07	567901.4	4220187.0	35.3	0.00	1.67
1.93	YES						
L0006598	0	0.36590E-07	567905.0	4220187.0	35.4	0.00	1.67
1.93	YES						
L0006599	0	0.36590E-07	567908.6	4220187.0	35.5	0.00	1.67
1.93	YES						
L0006600	0	0.36590E-07	567912.2	4220187.1	35.5	0.00	1.67
1.93	YES						
L0006601	0	0.36590E-07	567915.8	4220187.1	35.6	0.00	1.67
1.93	YES						

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006602	0	0.36590E-07	567919.4	4220187.2	35.6	0.00	1.67
1.93	YES						
L0006603	0	0.36590E-07	567923.0	4220187.2	35.7	0.00	1.67
1.93	YES						
L0006604	0	0.36590E-07	567926.6	4220187.2	35.7	0.00	1.67
1.93	YES						
L0006605	0	0.36590E-07	567930.2	4220187.3	35.8	0.00	1.67
1.93	YES						
L0006606	0	0.36590E-07	567933.8	4220187.3	35.8	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 19

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE		X	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0006607	0	0.36590E-07	567937.4	4220187.3	35.9	0.00	1.67	
1.93	YES							
L0006608	0	0.36590E-07	567941.0	4220187.4	35.9	0.00	1.67	
1.93	YES							
L0006609	0	0.36590E-07	567944.6	4220187.4	35.9	0.00	1.67	
1.93	YES							
L0006610	0	0.36590E-07	567948.2	4220187.4	35.9	0.00	1.67	
1.93	YES							
L0006611	0	0.36590E-07	567951.8	4220187.5	36.0	0.00	1.67	
1.93	YES							
L0006612	0	0.36590E-07	567955.4	4220187.5	36.0	0.00	1.67	
1.93	YES							
L0006613	0	0.36590E-07	567959.0	4220187.6	36.1	0.00	1.67	
1.93	YES							
L0006614	0	0.36590E-07	567962.6	4220187.7	36.1	0.00	1.67	
1.93	YES							
L0006615	0	0.36590E-07	567966.2	4220187.8	36.2	0.00	1.67	

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0006616		0	0.36590E-07	567969.8	4220187.9	36.2	0.00	1.67
1.93	YES							
L0006617		0	0.36590E-07	567973.4	4220188.0	36.2	0.00	1.67
1.93	YES							
L0006618		0	0.36590E-07	567977.0	4220188.1	36.2	0.00	1.67
1.93	YES							
L0006619		0	0.36590E-07	567980.6	4220187.9	36.3	0.00	1.67
1.93	YES							
L0006620		0	0.36590E-07	567984.2	4220187.6	36.4	0.00	1.67
1.93	YES							
L0006621		0	0.36590E-07	567987.8	4220187.3	36.5	0.00	1.67
1.93	YES							
L0006622		0	0.36590E-07	567991.4	4220187.0	36.7	0.00	1.67
1.93	YES							
L0006623		0	0.36590E-07	567995.0	4220186.6	36.8	0.00	1.67
1.93	YES							
L0006624		0	0.36590E-07	567998.5	4220186.3	36.8	0.00	1.67
1.93	YES							
L0006625		0	0.36590E-07	568002.1	4220186.0	36.8	0.00	1.67
1.93	YES							
L0006626		0	0.36590E-07	568005.7	4220185.7	36.7	0.00	1.67
1.93	YES							
L0006627		0	0.36590E-07	568009.3	4220185.4	36.5	0.00	1.67
1.93	YES							
L0006628		0	0.36590E-07	568012.9	4220185.1	36.3	0.00	1.67
1.93	YES							
L0006629		0	0.36590E-07	568016.1	4220186.3	36.3	0.00	1.67
1.93	YES							
L0006630		0	0.36590E-07	568019.1	4220188.3	36.4	0.00	1.67
1.93	YES							
L0006631		0	0.36590E-07	568022.1	4220190.2	36.4	0.00	1.67
1.93	YES							
L0006632		0	0.36590E-07	568025.0	4220192.4	36.5	0.00	1.67
1.93	YES							
L0006633		0	0.36590E-07	568026.8	4220195.5	36.8	0.00	1.67
1.93	YES							
L0006634		0	0.36590E-07	568028.6	4220198.6	37.0	0.00	1.67
1.93	YES							
L0006635		0	0.36590E-07	568029.4	4220202.0	37.1	0.00	1.67
1.93	YES							
L0006636		0	0.36590E-07	568029.8	4220205.6	37.2	0.00	1.67
1.93	YES							
L0006637		0	0.36590E-07	568030.2	4220209.2	37.4	0.00	1.67
1.93	YES							
L0006638		0	0.36590E-07	568030.6	4220212.8	37.4	0.00	1.67
1.93	YES							
L0006639		0	0.36590E-07	568031.0	4220216.3	37.5	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES	L0006640	0	0.36590E-07	568031.4	4220219.9	37.5	0.00	1.67
1.93	YES	L0006641	0	0.36590E-07	568031.9	4220223.5	37.6	0.00	1.67
1.93	YES	L0006642	0	0.36590E-07	568032.3	4220227.1	37.6	0.00	1.67
1.93	YES	L0006643	0	0.36590E-07	568032.7	4220230.6	37.7	0.00	1.67
1.93	YES	L0006644	0	0.36590E-07	568033.1	4220234.2	37.5	0.00	1.67
1.93	YES	L0006645	0	0.36590E-07	568033.5	4220237.8	37.3	0.00	1.67
1.93	YES	L0006646	0	0.36590E-07	568033.9	4220241.4	37.1	0.00	1.67

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 20

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE		X	Y	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						

L0006647	0	0.36590E-07	568034.3	4220244.9	36.7	0.00	1.67	
1.93 YES	L0006648	0	0.36590E-07	568034.7	4220248.5	36.3	0.00	1.67
1.93 YES	L0006649	0	0.36590E-07	568035.1	4220252.1	35.8	0.00	1.67
1.93 YES	L0006650	0	0.36590E-07	568035.5	4220255.7	35.4	0.00	1.67
1.93 YES	L0006651	0	0.36590E-07	568035.9	4220259.3	34.9	0.00	1.67
1.93 YES	L0006652	0	0.36590E-07	568036.3	4220262.8	34.5	0.00	1.67
1.93 YES								

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006653	0	0.36590E-07	568036.7	4220266.4	34.2	0.00	1.67
1.93 YES							
L0006654	0	0.36590E-07	568037.1	4220270.0	33.9	0.00	1.67
1.93 YES							
L0006655	0	0.36590E-07	568037.5	4220273.6	33.7	0.00	1.67
1.93 YES							
L0006656	0	0.36590E-07	568037.9	4220277.1	33.4	0.00	1.67
1.93 YES							
L0006657	0	0.36590E-07	568038.3	4220280.7	33.2	0.00	1.67
1.93 YES							
L0006658	0	0.36590E-07	568038.7	4220284.3	32.9	0.00	1.67
1.93 YES							
L0006659	0	0.36590E-07	568039.1	4220287.9	32.6	0.00	1.67
1.93 YES							
L0006660	0	0.36590E-07	568039.5	4220291.4	32.2	0.00	1.67
1.93 YES							
L0006661	0	0.36590E-07	568040.0	4220295.0	31.9	0.00	1.67
1.93 YES							
L0006662	0	0.36590E-07	568040.4	4220298.6	31.6	0.00	1.67
1.93 YES							
L0006663	0	0.36590E-07	568040.8	4220302.2	31.3	0.00	1.67
1.93 YES							
L0006664	0	0.36590E-07	568041.2	4220305.8	31.1	0.00	1.67
1.93 YES							
L0006665	0	0.36590E-07	568041.6	4220309.3	30.9	0.00	1.67
1.93 YES							
L0006666	0	0.36590E-07	568042.0	4220312.9	30.8	0.00	1.67
1.93 YES							
L0006667	0	0.36590E-07	568042.4	4220316.5	30.6	0.00	1.67
1.93 YES							
L0006668	0	0.36590E-07	568042.8	4220320.1	30.5	0.00	1.67
1.93 YES							
L0006669	0	0.36590E-07	568043.2	4220323.6	30.4	0.00	1.67
1.93 YES							
L0006670	0	0.36590E-07	568043.6	4220327.2	30.2	0.00	1.67
1.93 YES							
L0006671	0	0.36590E-07	568044.0	4220330.8	30.1	0.00	1.67
1.93 YES							
L0006672	0	0.36590E-07	568044.4	4220334.4	30.0	0.00	1.67
1.93 YES							
L0006673	0	0.36590E-07	568044.8	4220338.0	29.9	0.00	1.67
1.93 YES							
L0006674	0	0.36590E-07	568045.2	4220341.5	29.8	0.00	1.67
1.93 YES							
L0006675	0	0.36590E-07	568045.6	4220345.1	29.8	0.00	1.67
1.93 YES							
L0006676	0	0.36590E-07	568046.0	4220348.7	29.8	0.00	1.67
1.93 YES							

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006677	0	0.36590E-07	568046.4	4220352.3	29.8	0.00	1.67
1.93	YES						
L0006678	0	0.36590E-07	568046.8	4220355.8	29.8	0.00	1.67
1.93	YES						
L0006679	0	0.36590E-07	568047.2	4220359.4	29.8	0.00	1.67
1.93	YES						
L0006680	0	0.36590E-07	568047.6	4220363.0	29.9	0.00	1.67
1.93	YES						
L0006681	0	0.36590E-07	568048.0	4220366.6	29.9	0.00	1.67
1.93	YES						
L0006682	0	0.36590E-07	568048.0	4220370.2	30.0	0.00	1.67
1.93	YES						
L0006683	0	0.36590E-07	568047.9	4220373.8	30.0	0.00	1.67
1.93	YES						
L0006684	0	0.36590E-07	568047.9	4220377.4	30.1	0.00	1.67
1.93	YES						
L0006685	0	0.36590E-07	568047.8	4220381.0	30.1	0.00	1.67
1.93	YES						
L0006686	0	0.36590E-07	568047.8	4220384.6	30.2	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*

01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 21

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE		ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							

L0006687	0	0.36590E-07	568047.7	4220388.2	30.2	0.00	1.67
1.93	YES						
L0006688	0	0.36590E-07	568047.7	4220391.8	30.3	0.00	1.67
1.93	YES						
L0006689	0	0.36590E-07	568047.6	4220395.4	30.4	0.00	1.67
1.93	YES						
L0006690	0	0.36590E-07	568047.6	4220399.0	30.4	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES							
L0006691		0	0.36590E-07	568047.5	4220402.6	30.5	0.00	1.67
1.93	YES							
L0006692		0	0.36590E-07	568047.4	4220406.2	30.6	0.00	1.67
1.93	YES							
L0006693		0	0.36590E-07	568047.4	4220409.8	30.6	0.00	1.67
1.93	YES							
L0006694		0	0.36590E-07	568047.3	4220413.4	30.6	0.00	1.67
1.93	YES							
L0006695		0	0.36590E-07	568047.3	4220417.0	30.6	0.00	1.67
1.93	YES							
L0006696		0	0.36590E-07	568047.2	4220420.6	30.6	0.00	1.67
1.93	YES							
L0006697		0	0.36590E-07	568047.2	4220424.2	30.6	0.00	1.67
1.93	YES							
L0006698		0	0.36590E-07	568047.1	4220427.8	30.6	0.00	1.67
1.93	YES							
L0006699		0	0.36590E-07	568047.1	4220431.4	30.6	0.00	1.67
1.93	YES							
L0006700		0	0.36590E-07	568047.0	4220435.0	30.6	0.00	1.67
1.93	YES							
L0006701		0	0.36590E-07	568046.9	4220438.6	30.6	0.00	1.67
1.93	YES							
L0006702		0	0.36590E-07	568046.9	4220442.2	30.5	0.00	1.67
1.93	YES							
L0006703		0	0.36590E-07	568046.8	4220445.8	30.5	0.00	1.67
1.93	YES							
L0006704		0	0.36590E-07	568046.7	4220449.3	30.5	0.00	1.67
1.93	YES							
L0006705		0	0.36590E-07	568044.3	4220452.0	30.6	0.00	1.67
1.93	YES							
L0006706		0	0.36590E-07	568041.7	4220454.2	30.7	0.00	1.67
1.93	YES							
L0006707		0	0.36590E-07	568038.1	4220454.2	30.9	0.00	1.67
1.93	YES							
L0006708		0	0.36590E-07	568034.5	4220454.2	31.2	0.00	1.67
1.93	YES							
L0006709		0	0.36590E-07	568030.9	4220454.2	31.5	0.00	1.67
1.93	YES							
L0006710		0	0.36590E-07	568027.3	4220454.2	31.9	0.00	1.67
1.93	YES							
L0006711		0	0.36590E-07	568023.7	4220454.2	32.3	0.00	1.67
1.93	YES							
L0006712		0	0.36590E-07	568020.1	4220454.2	32.6	0.00	1.67
1.93	YES							
L0006713		0	0.36590E-07	568016.5	4220454.2	33.1	0.00	1.67
1.93	YES							
L0006714		0	0.36590E-07	568012.9	4220454.2	33.6	0.00	1.67



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES	L0006715	0	0.36590E-07	568009.3	4220454.2	34.0	0.00	1.67
1.93	YES	L0006716	0	0.36590E-07	568005.7	4220454.2	34.6	0.00	1.67
1.93	YES	L0006717	0	0.36590E-07	568002.1	4220454.2	35.2	0.00	1.67
1.93	YES	L0006718	0	0.36590E-07	567998.5	4220454.2	35.8	0.00	1.67
1.93	YES	L0006719	0	0.36590E-07	567994.9	4220454.2	36.3	0.00	1.67
1.93	YES	L0006720	0	0.36590E-07	567991.3	4220454.2	36.7	0.00	1.67
1.93	YES	L0006721	0	0.36590E-07	567987.7	4220454.2	37.1	0.00	1.67
1.93	YES	L0006722	0	0.36590E-07	567984.1	4220454.2	37.5	0.00	1.67
1.93	YES	L0006723	0	0.36590E-07	567980.5	4220454.2	37.7	0.00	1.67
1.93	YES	L0006724	0	0.36590E-07	567976.9	4220454.2	37.9	0.00	1.67
1.93	YES	L0006725	0	0.36590E-07	567973.3	4220454.2	38.1	0.00	1.67
1.93	YES	L0006726	0	0.36590E-07	567969.7	4220454.2	38.2	0.00	1.67

1.93 YES  
 \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 22

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE		EMISSION	RATE		X	Y	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.		BY					
(METERS)									

1.93	YES	L0006727	0	0.36590E-07	567966.1	4220454.2	38.4	0.00	1.67
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NorthgateVallejo_HRA_PM10_012219.ADO.txt							
L0006728	0	0.36590E-07	567962.5	4220454.2	38.6	0.00	1.67
1.93	YES						
L0006729	0	0.36590E-07	567958.9	4220454.2	38.8	0.00	1.67
1.93	YES						
L0006730	0	0.36590E-07	567955.3	4220454.2	39.0	0.00	1.67
1.93	YES						
L0006731	0	0.36590E-07	567951.7	4220454.2	39.1	0.00	1.67
1.93	YES						
L0006732	0	0.36590E-07	567948.1	4220454.2	39.2	0.00	1.67
1.93	YES						
L0006733	0	0.36590E-07	567944.5	4220454.2	39.4	0.00	1.67
1.93	YES						
L0006734	0	0.36590E-07	567940.9	4220454.2	39.5	0.00	1.67
1.93	YES						
L0006735	0	0.36590E-07	567937.3	4220454.2	39.6	0.00	1.67
1.93	YES						
L0006736	0	0.36590E-07	567933.7	4220454.2	39.6	0.00	1.67
1.93	YES						
L0006737	0	0.36590E-07	567930.1	4220454.2	39.6	0.00	1.67
1.93	YES						
L0006738	0	0.36590E-07	567926.5	4220454.2	39.7	0.00	1.67
1.93	YES						
L0006739	0	0.36590E-07	567922.9	4220454.2	39.7	0.00	1.67
1.93	YES						
L0006740	0	0.36590E-07	567919.3	4220454.2	39.6	0.00	1.67
1.93	YES						
L0006741	0	0.36590E-07	567915.7	4220454.2	39.7	0.00	1.67
1.93	YES						
L0006742	0	0.36590E-07	567912.1	4220454.2	39.7	0.00	1.67
1.93	YES						
L0006743	0	0.36590E-07	567908.5	4220454.2	39.7	0.00	1.67
1.93	YES						
L0006744	0	0.36590E-07	567904.9	4220454.2	39.8	0.00	1.67
1.93	YES						
L0006745	0	0.36590E-07	567901.3	4220454.2	39.8	0.00	1.67
1.93	YES						
L0006746	0	0.36590E-07	567897.7	4220454.2	39.9	0.00	1.67
1.93	YES						
L0006747	0	0.36590E-07	567894.1	4220454.2	40.0	0.00	1.67
1.93	YES						
L0006748	0	0.36590E-07	567890.5	4220454.3	40.0	0.00	1.67
1.93	YES						
L0006749	0	0.36590E-07	567887.0	4220455.1	40.1	0.00	1.67
1.93	YES						
L0006750	0	0.36590E-07	567883.5	4220455.9	40.1	0.00	1.67
1.93	YES						
L0006751	0	0.36590E-07	567880.0	4220456.7	40.2	0.00	1.67
1.93	YES						

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006752	0	0.36590E-07	567876.5	4220457.6	40.3	0.00	1.67
1.93	YES						
L0006753	0	0.36590E-07	567873.1	4220458.8	40.3	0.00	1.67
1.93	YES						
L0006754	0	0.36590E-07	567869.7	4220460.0	40.4	0.00	1.67
1.93	YES						
L0006755	0	0.36590E-07	567866.3	4220461.2	40.4	0.00	1.67
1.93	YES						
L0006756	0	0.36590E-07	567863.1	4220462.8	40.4	0.00	1.67
1.93	YES						
L0006757	0	0.36590E-07	567860.1	4220464.8	40.3	0.00	1.67
1.93	YES						
L0006758	0	0.36590E-07	567857.1	4220466.8	40.1	0.00	1.67
1.93	YES						
L0006759	0	0.90769E-03	567931.8	4220218.5	35.9	0.00	1.67
1.93	YES						
L0006760	0	0.90769E-03	567931.5	4220214.9	35.8	0.00	1.67
1.93	YES						
L0006761	0	0.90769E-03	567931.3	4220211.3	35.7	0.00	1.67
1.93	YES						
L0006762	0	0.90769E-03	567931.0	4220207.7	35.7	0.00	1.67
1.93	YES						
L0006763	0	0.90769E-03	567930.8	4220204.1	35.7	0.00	1.67
1.93	YES						
L0006764	0	0.90769E-03	567930.6	4220200.5	35.7	0.00	1.67
1.93	YES						
L0006765	0	0.90769E-03	567931.0	4220197.5	35.7	0.00	1.67
1.93	YES						
L0006766	0	0.90769E-03	567934.6	4220197.2	35.7	0.00	1.67
1.93	YES						

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
ID	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
(METERS)		SCALAR	VARY					
		CATS.	BY					

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006767	0	0.90769E-03	567938.2	4220196.9	35.8	0.00	1.67
1.93 YES							
L0006768	0	0.90769E-03	567941.8	4220196.6	35.8	0.00	1.67
1.93 YES							
L0006769	0	0.90769E-03	567945.4	4220196.3	35.8	0.00	1.67
1.93 YES							
L0006770	0	0.90769E-03	567949.0	4220196.0	35.8	0.00	1.67
1.93 YES							
L0006771	0	0.90769E-03	567952.5	4220195.7	35.9	0.00	1.67
1.93 YES							
L0049490	0	0.74440E-06	567643.8	4219930.7	31.9	0.00	1.67
1.93 YES							
L0049491	0	0.74440E-06	567640.2	4219930.6	31.9	0.00	1.67
1.93 YES							
L0049492	0	0.74440E-06	567636.6	4219930.5	32.0	0.00	1.67
1.93 YES							
L0049493	0	0.74440E-06	567633.0	4219930.3	32.0	0.00	1.67
1.93 YES							
L0049494	0	0.74440E-06	567629.4	4219930.2	32.0	0.00	1.67
1.93 YES							
L0049495	0	0.74440E-06	567625.8	4219930.1	32.1	0.00	1.67
1.93 YES							
L0049496	0	0.74440E-06	567622.6	4219931.3	32.1	0.00	1.67
1.93 YES							
L0049497	0	0.74440E-06	567619.6	4219933.3	32.0	0.00	1.67
1.93 YES							
L0049498	0	0.74440E-06	567616.7	4219935.4	31.9	0.00	1.67
1.93 YES							
L0049499	0	0.74440E-06	567613.7	4219937.4	31.9	0.00	1.67
1.93 YES							
L0049500	0	0.74440E-06	567610.8	4219939.6	31.9	0.00	1.67
1.93 YES							
L0049501	0	0.74440E-06	567608.4	4219942.3	31.9	0.00	1.67
1.93 YES							
L0049502	0	0.74440E-06	567606.1	4219945.0	31.9	0.00	1.67
1.93 YES							
L0049503	0	0.74440E-06	567603.7	4219947.7	31.9	0.00	1.67
1.93 YES							
L0049504	0	0.74440E-06	567601.3	4219950.4	32.0	0.00	1.67
1.93 YES							
L0049505	0	0.74440E-06	567600.1	4219953.6	32.0	0.00	1.67
1.93 YES							
L0049506	0	0.74440E-06	567599.8	4219957.2	32.0	0.00	1.67
1.93 YES							
L0049507	0	0.74440E-06	567599.5	4219960.8	32.1	0.00	1.67

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

1.93	YES	L0049508	0	0.74440E-06	567599.2	4219964.4	32.1	0.00	1.67
1.93	YES	L0049509	0	0.74440E-06	567599.0	4219968.0	32.2	0.00	1.67
1.93	YES	L0049510	0	0.74440E-06	567598.7	4219971.5	32.2	0.00	1.67
1.93	YES	L0049511	0	0.74440E-06	567599.3	4219975.1	32.2	0.00	1.67
1.93	YES	L0049512	0	0.74440E-06	567600.0	4219978.6	32.2	0.00	1.67
1.93	YES	L0049513	0	0.74440E-06	567600.7	4219982.1	32.2	0.00	1.67
1.93	YES	L0049514	0	0.74440E-06	567601.4	4219985.7	32.3	0.00	1.67
1.93	YES	L0049515	0	0.74440E-06	567602.1	4219989.2	32.3	0.00	1.67
1.93	YES	L0049516	0	0.74440E-06	567602.8	4219992.7	32.4	0.00	1.67
1.93	YES	L0049517	0	0.41020E-06	567401.1	4219738.4	40.0	0.00	1.67
1.93	YES	L0049518	0	0.41020E-06	567401.5	4219742.0	40.2	0.00	1.67
1.93	YES	L0049519	0	0.41020E-06	567401.9	4219745.6	40.5	0.00	1.67
1.93	YES	L0049520	0	0.41020E-06	567402.2	4219749.2	40.8	0.00	1.67
1.93	YES	L0049521	0	0.41020E-06	567402.6	4219752.7	41.1	0.00	1.67
1.93	YES	L0049522	0	0.41020E-06	567403.9	4219755.9	41.3	0.00	1.67
1.93	YES	L0049523	0	0.41020E-06	567406.4	4219758.6	41.4	0.00	1.67
1.93	YES	L0049524	0	0.41020E-06	567408.8	4219761.2	41.5	0.00	1.67

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 14:46:01

PAGE 24

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

NUMBER EMISSION RATE BASE RELEASE INIT.

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

INIT.	URBAN	EMISSION RATE						
SOURCE	SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	
SZ	ID	SCALAR VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.						
		BY						
L0049525		0	0.41020E-06	567411.2	4219763.8	41.5	0.00	1.67
1.93	YES							
L0049526		0	0.41020E-06	567413.7	4219766.5	41.6	0.00	1.67
1.93	YES							
L0049527		0	0.41020E-06	567416.1	4219769.1	41.6	0.00	1.67
1.93	YES							
L0049528		0	0.41020E-06	567418.6	4219771.8	41.6	0.00	1.67
1.93	YES							
L0049529		0	0.41020E-06	567421.0	4219774.4	41.7	0.00	1.67
1.93	YES							
L0049530		0	0.41020E-06	567423.4	4219777.1	41.7	0.00	1.67
1.93	YES							
L0049531		0	0.41020E-06	567425.9	4219779.7	41.8	0.00	1.67
1.93	YES							
L0049532		0	0.41020E-06	567428.3	4219782.4	41.8	0.00	1.67
1.93	YES							
L0049533		0	0.41020E-06	567430.8	4219785.0	41.8	0.00	1.67
1.93	YES							
L0049534		0	0.41020E-06	567433.3	4219787.6	41.8	0.00	1.67
1.93	YES							
L0049535		0	0.41020E-06	567435.7	4219790.2	41.9	0.00	1.67
1.93	YES							
L0049536		0	0.41020E-06	567438.2	4219792.8	41.9	0.00	1.67
1.93	YES							
L0049537		0	0.41020E-06	567440.7	4219795.5	41.9	0.00	1.67
1.93	YES							
L0049538		0	0.41020E-06	567443.2	4219798.1	41.9	0.00	1.67
1.93	YES							
L0049539		0	0.41020E-06	567445.6	4219800.7	41.8	0.00	1.67
1.93	YES							
L0049540		0	0.41020E-06	567448.1	4219803.3	41.8	0.00	1.67
1.93	YES							
L0049541		0	0.41020E-06	567450.6	4219805.9	41.7	0.00	1.67
1.93	YES							
L0049542		0	0.41020E-06	567453.1	4219808.5	41.6	0.00	1.67
1.93	YES							
L0049543		0	0.41020E-06	567455.5	4219811.1	41.6	0.00	1.67
1.93	YES							
L0049544		0	0.41020E-06	567458.0	4219813.8	41.5	0.00	1.67
1.93	YES							

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049545	0	0.41020E-06	567460.5	4219816.4	41.4	0.00	1.67
1.93	YES						
L0049546	0	0.41020E-06	567463.0	4219819.0	41.3	0.00	1.67
1.93	YES						
L0049547	0	0.41020E-06	567465.4	4219821.6	41.2	0.00	1.67
1.93	YES						
L0049548	0	0.41020E-06	567467.9	4219824.2	41.0	0.00	1.67
1.93	YES						
L0049549	0	0.41020E-06	567470.4	4219826.8	40.7	0.00	1.67
1.93	YES						
L0049550	0	0.41020E-06	567472.9	4219829.4	40.3	0.00	1.67
1.93	YES						
L0049551	0	0.41020E-06	567475.4	4219832.0	39.8	0.00	1.67
1.93	YES						
L0049552	0	0.41020E-06	567477.8	4219834.7	39.1	0.00	1.67
1.93	YES						
L0049553	0	0.41020E-06	567480.3	4219837.3	38.6	0.00	1.67
1.93	YES						
L0049554	0	0.41020E-06	567482.8	4219839.9	38.3	0.00	1.67
1.93	YES						
L0049555	0	0.41020E-06	567485.3	4219842.5	37.8	0.00	1.67
1.93	YES						
L0049556	0	0.41020E-06	567487.3	4219845.5	37.6	0.00	1.67
1.93	YES						
L0049557	0	0.41020E-06	567489.1	4219848.6	37.7	0.00	1.67
1.93	YES						
L0049558	0	0.41020E-06	567490.9	4219851.7	37.8	0.00	1.67
1.93	YES						
L0049559	0	0.41020E-06	567492.8	4219854.7	37.7	0.00	1.67
1.93	YES						
L0049560	0	0.41020E-06	567494.6	4219857.8	37.5	0.00	1.67
1.93	YES						
L0049561	0	0.41020E-06	567496.5	4219860.9	37.7	0.00	1.67
1.93	YES						
L0049562	0	0.41020E-06	567498.3	4219864.0	37.8	0.00	1.67
1.93	YES						
L0049563	0	0.41020E-06	567500.2	4219867.1	37.7	0.00	1.67
1.93	YES						
L0049564	0	0.41020E-06	567502.0	4219870.2	37.6	0.00	1.67
1.93	YES						

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 14:46:01

PAGE 25

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	EMISSION RATE	(GRAMS/SEC)	X	Y	SY
SZ	SCALAR VARY		ELEV.	HEIGHT	(METERS)
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY				

L0049565 0 0.41020E-06 567503.9 4219873.3 37.6 0.00 1.67  
 1.93 YES

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 26

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* AREA SOURCE DATA \*\*\*

Y-DIM	ORIENT.	NUMBER EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM
OF AREA	OF AREA	INIT. URBAN EMISSION RATE	X Y	ELEV.	HEIGHT	OF AREA
OF AREA	OF AREA	SZ SOURCE SCALAR VARY	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(DEG.)	(METERS)	BY			

GS\_TRUCK 0 0.11779E-08 567808.1 4220196.2 32.5 4.15 48.31  
 56.41 0.00 0.00 YES

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 27

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN



SRCGROUP ID	SOURCE IDs									
-----	-----									
ALL	L0048843	,	L0048844	,	L0048845	,	L0048846	,	L0048847	,
L0048848	, L0048849	,	, L0048850	,						
	L0048851	,	L0048852	,	L0048853	,	L0048854	,	L0048855	,
L0048856	, L0048857	,	, L0048858	,						
	L0048859	,	L0048860	,	L0048861	,	L0048862	,	L0048863	,
L0048864	, L0048865	,	, L0048866	,						
	L0048867	,	L0048868	,	L0048869	,	L0048870	,	L0048871	,
L0048872	, L0048873	,	, L0048874	,						
	L0048875	,	L0048876	,	L0048877	,	L0048878	,	L0048879	,
L0048880	, L0048881	,	, L0048882	,						
	L0048883	,	L0048884	,	L0048885	,	L0048886	,	L0048887	,
L0048888	, L0048889	,	, L0048890	,						
	L0048891	,	L0048892	,	L0048893	,	L0048894	,	L0048895	,
L0048896	, L0048897	,	, L0048898	,						
	L0048899	,	L0048900	,	L0048901	,	L0048902	,	L0048903	,
L0048904	, L0048905	,	, L0048906	,						
	L0048907	,	L0048908	,	L0048909	,	L0048910	,	L0048911	,
L0048912	, L0048913	,	, L0048914	,						
	L0048915	,	L0048916	,	L0048917	,	L0048918	,	L0048919	,
L0048920	, L0048921	,	, L0048922	,						
	L0048923	,	L0048924	,	L0048925	,	L0048926	,	L0048927	,
L0048928	, L0048929	,	, L0048930	,						
	L0048931	,	L0048932	,	L0048933	,	L0048934	,	L0048935	,
L0048936	, L0048937	,	, L0048938	,						
	L0048939	,	L0048940	,	L0048941	,	L0048942	,	L0048943	,
L0048944	, L0048945	,	, L0048946	,						
	L0048947	,	L0048948	,	L0048949	,	L0048950	,	L0048951	,
L0048952	, L0048953	,	, L0048954	,						

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0048960 , L0048955 , L0048956 , L0048957 , L0048958 , L0048959 ,  
 , L0048961 , L0048962 ,

L0048968 , L0048963 , L0048964 , L0048965 , L0048966 , L0048967 ,  
 , L0048969 , L0048970 ,

L0048976 , L0048971 , L0048972 , L0048973 , L0048974 , L0048975 ,  
 , L0048977 , L0048978 ,

L0048984 , L0048979 , L0048980 , L0048981 , L0048982 , L0048983 ,  
 , L0048985 , L0048986 ,

L0048992 , L0048987 , L0048988 , L0048989 , L0048990 , L0048991 ,  
 , L0048993 , L0048994 ,

L0049000 , L0048995 , L0048996 , L0048997 , L0048998 , L0048999 ,  
 , L0049001 , L0049002 ,

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 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 28

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
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L0049008	L0049003 , L0049004 , L0049005 , L0049006 , L0049007 , , L0049009 , L0049010 ,
L0049016	L0049011 , L0049012 , L0049013 , L0049014 , L0049015 , , L0049017 , L0049018 ,
L0049024	L0049019 , L0049020 , L0049021 , L0049022 , L0049023 , , L0049025 , L0049026 ,
L0049032	L0049027 , L0049028 , L0049029 , L0049030 , L0049031 , , L0049033 , L0049034 ,
L0049040	L0049035 , L0049036 , L0049037 , L0049038 , L0049039 , , L0049041 , L0049042 ,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049048 , L0049043 , L0049044 , L0049045 , L0049046 , L0049047 ,  
L0049049 , L0049050 ,  
L0049056 , L0049051 , L0049052 , L0049053 , L0049054 , L0049055 ,  
L0049057 , L0049058 ,  
L0049064 , L0049059 , L0049060 , L0049061 , L0049062 , L0049063 ,  
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L0049072 , L0049067 , L0049068 , L0049069 , L0049070 , L0049071 ,  
L0049073 , L0049074 ,  
L0049080 , L0049075 , L0049076 , L0049077 , L0049078 , L0049079 ,  
L0049081 , L0049082 ,  
L0049088 , L0049083 , L0049084 , L0049085 , L0049086 , L0049087 ,  
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L0049112 , L0049107 , L0049108 , L0049109 , L0049110 , L0049111 ,  
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L0049120 , L0049115 , L0049116 , L0049117 , L0049118 , L0049119 ,  
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L0049129 , L0049130 ,  
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L0049137 , L0049138 ,  
L0049144 , L0049139 , L0049140 , L0049141 , L0049142 , L0049143 ,  
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L0049152 , L0049147 , L0049148 , L0049149 , L0049150 , L0049151 ,  
L0049153 , L0049154 ,  
L0049160 , L0049155 , L0049156 , L0049157 , L0049158 , L0049159 ,  
L0049161 , L0049162 ,

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs					
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L0049168	L0049163	, L0049164	, L0049165	, L0049166	, L0049167	,
	, L0049169	, L0049170	,			
L0049176	L0049171	, L0049172	, L0049173	, L0049174	, L0049175	,
	, L0049177	, L0049178	,			
L0049184	L0049179	, L0049180	, L0049181	, L0049182	, L0049183	,
	, L0049185	, L0049186	,			
L0049192	L0049187	, L0049188	, L0049189	, L0049190	, L0049191	,
	, L0049193	, L0049194	,			
L0049200	L0049195	, L0049196	, L0049197	, L0049198	, L0049199	,
	, L0049201	, L0049202	,			
L0049208	L0049203	, L0049204	, L0049205	, L0049206	, L0049207	,
	, L0049209	, L0049210	,			
L0049216	L0049211	, L0049212	, L0049213	, L0049214	, L0049215	,
	, L0049217	, L0049218	,			
L0049224	L0049219	, L0049220	, L0049221	, L0049222	, L0049223	,
	, L0049225	, L0049226	,			
L0049232	L0049227	, L0049228	, L0049229	, L0049230	, L0049231	,
	, L0049233	, L0049234	,			
L0049240	L0049235	, L0049236	, L0049237	, L0049238	, L0049239	,
	, L0049241	, L0049242	,			
L0049248	L0049243	, L0049244	, L0049245	, L0049246	, L0049247	,
	, L0049249	, L0049250	,			
L0049256	L0049251	, L0049252	, L0049253	, L0049254	, L0049255	,
	, L0049257	, L0049258	,			

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049264 , L0049259 , L0049260 , L0049261 , L0049262 , L0049263 ,  
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L0049304 , L0049299 , L0049300 , L0049301 , L0049302 , L0049303 ,  
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L0049312 , L0049307 , L0049308 , L0049309 , L0049310 , L0049311 ,  
L0049312 , L0049313 , L0049314 ,  
L0049320 , L0049315 , L0049316 , L0049317 , L0049318 , L0049319 ,  
L0049320 , L0049321 , L0049322 ,

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 30

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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L0049328 , L0049323 , L0049324 , L0049325 , L0049326 , L0049327 ,  
L0049328 , L0049329 , L0049330 ,  
L0049336 , L0049331 , L0049332 , L0049333 , L0049334 , L0049335 ,  
L0049336 , L0049337 , L0049338 ,  
L0049344 , L0049339 , L0049340 , L0049341 , L0049342 , L0049343 ,  
L0049344 , L0049345 , L0049346 ,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049352 , L0049347 , L0049348 , L0049349 , L0049350 , L0049351 ,  
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L0049400 , L0049395 , L0049396 , L0049397 , L0049398 , L0049399 ,  
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L0049408 , L0049403 , L0049404 , L0049405 , L0049406 , L0049407 ,  
 , L0049409 , L0049410 ,

L0049416 , L0049411 , L0049412 , L0049413 , L0049414 , L0049415 ,  
 , L0049417 , L0049418 ,

L0049424 , L0049419 , L0049420 , L0049421 , L0049422 , L0049423 ,  
 , L0049425 , L0049426 ,

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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 31

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
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L0006572	L0006567 , L0006568 , L0006569 , L0006570 , L0006571 , L0006572 , L0006573 , L0006574 ,
L0006580	L0006575 , L0006576 , L0006577 , L0006578 , L0006579 , L0006580 , L0006581 , L0006582 ,
L0006588	L0006583 , L0006584 , L0006585 , L0006586 , L0006587 , L0006588 , L0006589 , L0006590 ,
L0006596	L0006591 , L0006592 , L0006593 , L0006594 , L0006595 , L0006596 , L0006597 , L0006598 ,
L0006604	L0006599 , L0006600 , L0006601 , L0006602 , L0006603 , L0006604 , L0006605 , L0006606 ,
L0006612	L0006607 , L0006608 , L0006609 , L0006610 , L0006611 , L0006612 , L0006613 , L0006614 ,
L0006620	L0006615 , L0006616 , L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 ,
L0006628	L0006623 , L0006624 , L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 ,
L0006636	L0006631 , L0006632 , L0006633 , L0006634 , L0006635 , L0006636 , L0006637 , L0006638 ,
L0006644	L0006639 , L0006640 , L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646 ,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0006652 , L0006647 , L0006648 , L0006649 , L0006650 , L0006651 ,  
L0006653 , L0006654 ,  
L0006660 , L0006655 , L0006656 , L0006657 , L0006658 , L0006659 ,  
L0006661 , L0006662 ,  
L0006668 , L0006663 , L0006664 , L0006665 , L0006666 , L0006667 ,  
L0006669 , L0006670 ,  
L0006676 , L0006671 , L0006672 , L0006673 , L0006674 , L0006675 ,  
L0006677 , L0006678 ,  
L0006684 , L0006679 , L0006680 , L0006681 , L0006682 , L0006683 ,  
L0006685 , L0006686 ,  
L0006692 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 ,  
L0006693 , L0006694 ,  
L0006700 , L0006695 , L0006696 , L0006697 , L0006698 , L0006699 ,  
L0006701 , L0006702 ,  
L0006708 , L0006703 , L0006704 , L0006705 , L0006706 , L0006707 ,  
L0006709 , L0006710 ,  
L0006716 , L0006711 , L0006712 , L0006713 , L0006714 , L0006715 ,  
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L0006724 , L0006719 , L0006720 , L0006721 , L0006722 , L0006723 ,  
L0006725 , L0006726 ,

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 32

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

L0006732 , L0006727 , L0006728 , L0006729 , L0006730 , L0006731 ,  
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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L0006756 , L0006751 , L0006752 , L0006753 , L0006754 , L0006755 ,  
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L0006764 , L0006759 , L0006760 , L0006761 , L0006762 , L0006763 ,  
L0006765 , L0006766 ,  
GS\_TRUCK , L0006767 , L0006768 , L0006769 , L0006770 , L0006771 ,  
L0049490 , L0049491 ,  
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L0049506 , L0049507 ,  
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L0049530 , L0049531 ,  
L0049537 , L0049532 , L0049533 , L0049534 , L0049535 , L0049536 ,  
L0049538 , L0049539 ,  
L0049545 , L0049540 , L0049541 , L0049542 , L0049543 , L0049544 ,  
L0049546 , L0049547 ,  
L0049553 , L0049548 , L0049549 , L0049550 , L0049551 , L0049552 ,  
L0049554 , L0049555 ,  
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L0049562 , L0049563 ,  
L0049564 , L0049565 ,

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs				
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L0048850	, L0048848	, L0048849	,			
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L0048856	L0048851	, L0048852	, L0048853	, L0048854	, L0048855	,
	, L0048857	, L0048858	,			
L0048864	L0048859	, L0048860	, L0048861	, L0048862	, L0048863	,
	, L0048865	, L0048866	,			
L0048872	L0048867	, L0048868	, L0048869	, L0048870	, L0048871	,
	, L0048873	, L0048874	,			
L0048880	L0048875	, L0048876	, L0048877	, L0048878	, L0048879	,
	, L0048881	, L0048882	,			
L0048888	L0048883	, L0048884	, L0048885	, L0048886	, L0048887	,
	, L0048889	, L0048890	,			
L0048896	L0048891	, L0048892	, L0048893	, L0048894	, L0048895	,
	, L0048897	, L0048898	,			
L0048904	L0048899	, L0048900	, L0048901	, L0048902	, L0048903	,
	, L0048905	, L0048906	,			
L0048912	L0048907	, L0048908	, L0048909	, L0048910	, L0048911	,
	, L0048913	, L0048914	,			
L0048920	L0048915	, L0048916	, L0048917	, L0048918	, L0048919	,
	, L0048921	, L0048922	,			
L0048928	L0048923	, L0048924	, L0048925	, L0048926	, L0048927	,
	, L0048929	, L0048930	,			
L0048936	L0048931	, L0048932	, L0048933	, L0048934	, L0048935	,
	, L0048937	, L0048938	,			

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0048944      L0048939      , L0048940      , L0048941      , L0048942      , L0048943      ,  
                  , L0048945      , L0048946      ,  
  
 L0048952      L0048947      , L0048948      , L0048949      , L0048950      , L0048951      ,  
                  , L0048953      , L0048954      ,  
  
 L0048960      L0048955      , L0048956      , L0048957      , L0048958      , L0048959      ,  
                  , L0048961      , L0048962      ,  
  
 L0048968      L0048963      , L0048964      , L0048965      , L0048966      , L0048967      ,  
                  , L0048969      , L0048970      ,  
  
 L0048976      L0048971      , L0048972      , L0048973      , L0048974      , L0048975      ,  
                  , L0048977      , L0048978      ,  
  
 L0048984      L0048979      , L0048980      , L0048981      , L0048982      , L0048983      ,  
                  , L0048985      , L0048986      ,  
  
 L0048992      L0048987      , L0048988      , L0048989      , L0048990      , L0048991      ,  
                  , L0048993      , L0048994      ,  
  
 L0049000      L0048995      , L0048996      , L0048997      , L0048998      , L0048999      ,  
                  , L0049001      , L0049002      ,

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 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                  \*\*\*                      14:46:01

PAGE 34

\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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L0049008	L0049003      , L0049009	L0049004      , L0049010      , L0049005      , L0049006      , L0049007      ,
L0049016	L0049011      , L0049017	L0049012      , L0049018      , L0049013      , L0049014      , L0049015      ,
	L0049019	L0049020      , L0049021      , L0049022      , L0049023      ,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049024 , L0049025 , L0049026 ,  
L0049032 , L0049027 , L0049028 , L0049029 , L0049030 , L0049031 ,  
L0049040 , L0049033 , L0049034 , L0049035 , L0049036 , L0049037 , L0049038 , L0049039 ,  
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L0049056 , L0049049 , L0049050 , L0049051 , L0049052 , L0049053 , L0049054 , L0049055 ,  
L0049064 , L0049057 , L0049058 , L0049059 , L0049060 , L0049061 , L0049062 , L0049063 ,  
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L0049096 , L0049089 , L0049090 , L0049091 , L0049092 , L0049093 , L0049094 , L0049095 ,  
L0049104 , L0049097 , L0049098 , L0049099 , L0049100 , L0049101 , L0049102 , L0049103 ,  
L0049112 , L0049105 , L0049106 , L0049107 , L0049108 , L0049109 , L0049110 , L0049111 ,  
L0049120 , L0049113 , L0049114 , L0049115 , L0049116 , L0049117 , L0049118 , L0049119 ,  
L0049128 , L0049121 , L0049122 , L0049123 , L0049124 , L0049125 , L0049126 , L0049127 ,  
L0049136 , L0049129 , L0049130 , L0049131 , L0049132 , L0049133 , L0049134 , L0049135 ,  
L0049144 , L0049137 , L0049138 , L0049139 , L0049140 , L0049141 , L0049142 , L0049143 ,  
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0049152 , L0049153 , L0049154 ,  
L0049155 , L0049156 , L0049157 , L0049158 , L0049159 ,  
L0049160 , L0049161 , L0049162 ,

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 35

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0049168	L0049163 , L0049164 , L0049165 , L0049166 , L0049167 , L0049168 , L0049169 , L0049170 ,	
L0049176	L0049171 , L0049172 , L0049173 , L0049174 , L0049175 , L0049176 , L0049177 , L0049178 ,	
L0049184	L0049179 , L0049180 , L0049181 , L0049182 , L0049183 , L0049184 , L0049185 , L0049186 ,	
L0049192	L0049187 , L0049188 , L0049189 , L0049190 , L0049191 , L0049192 , L0049193 , L0049194 ,	
L0049200	L0049195 , L0049196 , L0049197 , L0049198 , L0049199 , L0049200 , L0049201 , L0049202 ,	
L0049208	L0049203 , L0049204 , L0049205 , L0049206 , L0049207 , L0049208 , L0049209 , L0049210 ,	
L0049216	L0049211 , L0049212 , L0049213 , L0049214 , L0049215 , L0049216 , L0049217 , L0049218 ,	
L0049224	L0049219 , L0049220 , L0049221 , L0049222 , L0049223 , L0049224 , L0049225 , L0049226 ,	
L0049232	L0049227 , L0049228 , L0049229 , L0049230 , L0049231 , L0049232 , L0049233 , L0049234 ,	

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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L0049272 , L0049267 , L0049268 , L0049269 , L0049270 , L0049271 ,  
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L0049312 , L0049307 , L0049308 , L0049309 , L0049310 , L0049311 ,  
 , L0049313 , L0049314 ,

L0049320 , L0049315 , L0049316 , L0049317 , L0049318 , L0049319 ,  
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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
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 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 36

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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L0049336 L0049331 , L0049332 , L0049333 , L0049334 , L0049335 ,  
 , L0049337 , L0049338 , ,

L0049344 L0049339 , L0049340 , L0049341 , L0049342 , L0049343 ,  
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L0049352 L0049347 , L0049348 , L0049349 , L0049350 , L0049351 ,  
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L0049360 L0049355 , L0049356 , L0049357 , L0049358 , L0049359 ,  
 , L0049361 , L0049362 , ,

L0049368 L0049363 , L0049364 , L0049365 , L0049366 , L0049367 ,  
 , L0049369 , L0049370 , ,

L0049376 L0049371 , L0049372 , L0049373 , L0049374 , L0049375 ,  
 , L0049377 , L0049378 , ,

L0049384 L0049379 , L0049380 , L0049381 , L0049382 , L0049383 ,  
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L0049392 L0049387 , L0049388 , L0049389 , L0049390 , L0049391 ,  
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L0049416 L0049411 , L0049412 , L0049413 , L0049414 , L0049415 ,  
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L0049448 L0049443 , L0049444 , L0049445 , L0049446 , L0049447 ,  
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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                  , L0049457      , L0049458      ,  
  
 L0006548      L0049459      , L0049460      , L0049461      , L0049462      , L0049463      ,  
                  , L0006549      , L0006550      ,  
  
 L0006556      L0006551      , L0006552      , L0006553      , L0006554      , L0006555      ,  
                  , L0006557      , L0006558      ,  
  
 L0006564      L0006559      , L0006560      , L0006561      , L0006562      , L0006563      ,  
                  , L0006565      , L0006566      ,

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                  \*\*\*                      14:46:01

PAGE 37

\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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L0006572	L0006567      , L0006573	L0006568      , L0006569      , L0006570      , L0006571      , , L0006574      ,
L0006580	L0006575      , L0006581	L0006576      , L0006577      , L0006578      , L0006579      , , L0006582      ,
L0006588	L0006583      , L0006589	L0006584      , L0006585      , L0006586      , L0006587      , , L0006590      ,
L0006596	L0006591      , L0006597	L0006592      , L0006593      , L0006594      , L0006595      , , L0006598      ,
L0006604	L0006599      , L0006605	L0006600      , L0006601      , L0006602      , L0006603      , , L0006606      ,
L0006612	L0006607      , L0006613	L0006608      , L0006609      , L0006610      , L0006611      , , L0006614      ,
	L0006615      ,	L0006616      , L0006617      , L0006618      , L0006619      ,



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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L0006652 , L0006645 , L0006646 ,  
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L0006660 , L0006653 , L0006654 ,  
L0006660 , L0006655 , L0006656 , L0006657 , L0006658 , L0006659 ,  
L0006668 , L0006661 , L0006662 ,  
L0006676 , L0006663 , L0006664 , L0006665 , L0006666 , L0006667 ,  
L0006676 , L0006669 , L0006670 ,  
L0006684 , L0006671 , L0006672 , L0006673 , L0006674 , L0006675 ,  
L0006684 , L0006677 , L0006678 ,  
L0006692 , L0006679 , L0006680 , L0006681 , L0006682 , L0006683 ,  
L0006692 , L0006685 , L0006686 ,  
L0006700 , L0006687 , L0006688 , L0006689 , L0006690 , L0006691 ,  
L0006700 , L0006693 , L0006694 ,  
L0006708 , L0006695 , L0006696 , L0006697 , L0006698 , L0006699 ,  
L0006708 , L0006701 , L0006702 ,  
L0006716 , L0006703 , L0006704 , L0006705 , L0006706 , L0006707 ,  
L0006716 , L0006709 , L0006710 ,  
L0006724 , L0006711 , L0006712 , L0006713 , L0006714 , L0006715 ,  
L0006724 , L0006717 , L0006718 ,  
L0006724 , L0006719 , L0006720 , L0006721 , L0006722 , L0006723 ,  
L0006724 , L0006725 , L0006726 ,

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 38

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID -----	URBAN POP -----	SOURCE IDs -----					
L0006732	L0006727 , L0006733	, L0006728 , L0006734	, L0006729 ,	, L0006730 ,	, L0006731 ,		
L0006740	L0006735 , L0006741	, L0006736 , L0006742	, L0006737 ,	, L0006738 ,	, L0006739 ,		
L0006748	L0006743 , L0006749	, L0006744 , L0006750	, L0006745 ,	, L0006746 ,	, L0006747 ,		
L0006756	L0006751 , L0006757	, L0006752 , L0006758	, L0006753 ,	, L0006754 ,	, L0006755 ,		
L0006764	L0006759 , L0006765	, L0006760 , L0006766	, L0006761 ,	, L0006762 ,	, L0006763 ,		
GS_TRUCK	L0006767 , L0049490	, L0006768 , L0049491	, L0006769 ,	, L0006770 ,	, L0006771 ,		
L0049497	L0049492 , L0049498	, L0049493 , L0049499	, L0049494 ,	, L0049495 ,	, L0049496 ,		
L0049505	L0049500 , L0049506	, L0049501 , L0049507	, L0049502 ,	, L0049503 ,	, L0049504 ,		
L0049513	L0049508 , L0049514	, L0049509 , L0049515	, L0049510 ,	, L0049511 ,	, L0049512 ,		
L0049521	L0049516 , L0049522	, L0049517 , L0049523	, L0049518 ,	, L0049519 ,	, L0049520 ,		
L0049529	L0049524 , L0049530	, L0049525 , L0049531	, L0049526 ,	, L0049527 ,	, L0049528 ,		
L0049537	L0049532 , L0049538	, L0049533 , L0049539	, L0049534 ,	, L0049535 ,	, L0049536 ,		
L0049545	L0049540 , L0049546	, L0049541 , L0049547	, L0049542 ,	, L0049543 ,	, L0049544 ,		

L0049548 , L0049549 , L0049550 , L0049551 , L0049552 ,  
L0049553 , L0049554 , L0049555 ,

L0049556 , L0049557 , L0049558 , L0049559 , L0049560 ,  
L0049561 , L0049562 , L0049563 ,

L0049564 , L0049565 ,

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*

01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 39

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 567539.9, 4220159.2, 35.9, 75.3, 0.0);	( 567589.9,
4220159.2, 34.6, 75.3, 0.0);	
( 567639.9, 4220159.2, 32.5, 75.3, 0.0);	( 567539.9,
4220209.2, 38.0, 75.3, 0.0);	
( 567589.9, 4220209.2, 35.1, 75.3, 0.0);	( 567639.9,
4220209.2, 31.2, 75.3, 0.0);	
( 567539.9, 4220259.2, 37.2, 75.3, 0.0);	( 567589.9,
4220259.2, 34.5, 75.3, 0.0);	
( 567639.9, 4220259.2, 30.3, 75.3, 0.0);	( 567689.9,
4220259.2, 30.0, 75.3, 0.0);	
( 567539.9, 4220309.2, 35.4, 75.3, 0.0);	( 567589.9,
4220309.2, 33.8, 75.3, 0.0);	
( 567639.9, 4220309.2, 31.7, 75.3, 0.0);	( 567689.9,
4220309.2, 29.3, 75.3, 0.0);	
( 567539.9, 4220359.2, 36.1, 75.3, 0.0);	( 567589.9,
4220359.2, 33.6, 75.3, 0.0);	
( 567639.9, 4220359.2, 31.9, 75.3, 0.0);	( 567689.9,
4220359.2, 27.9, 75.3, 0.0);	
( 567739.9, 4220359.2, 30.1, 30.1, 0.0);	( 567539.9,
4220409.2, 36.4, 75.3, 0.0);	
( 567589.9, 4220409.2, 34.1, 75.3, 0.0);	( 567639.9,
4220409.2, 31.1, 75.3, 0.0);	
( 567689.9, 4220409.2, 27.1, 325.5, 0.0);	( 567739.9,
4220409.2, 29.4, 325.7, 0.0);	
( 567539.9, 4220459.2, 39.9, 50.5, 0.0);	( 567589.9,
4220459.2, 36.0, 50.5, 0.0);	
( 567639.9, 4220459.2, 31.5, 50.5, 0.0);	( 567689.9,
4220459.2, 26.4, 325.7, 0.0);	

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

( 567739.9, 4220459.2, 29.4, 325.7, 0.0); ( 567539.9,  
4220509.2, 47.1, 50.1, 0.0);  
( 567589.9, 4220509.2, 39.9, 50.5, 0.0); ( 567639.9,  
4220509.2, 33.0, 50.5, 0.0);  
( 567689.9, 4220509.2, 26.5, 325.7, 0.0); ( 567739.9,  
4220509.2, 28.7, 325.7, 0.0);  
( 567539.9, 4220559.2, 40.6, 50.5, 0.0); ( 567589.9,  
4220559.2, 34.4, 50.5, 0.0);  
( 567639.9, 4220559.2, 30.1, 325.7, 0.0); ( 567689.9,  
4220559.2, 26.1, 325.7, 0.0);  
( 567739.9, 4220559.2, 28.1, 325.7, 0.0); ( 567789.9,  
4220559.2, 29.6, 325.7, 0.0);  
( 567539.9, 4220609.2, 34.1, 50.5, 0.0); ( 567589.9,  
4220609.2, 29.5, 325.7, 0.0);  
( 567639.9, 4220609.2, 27.2, 325.7, 0.0); ( 567689.9,  
4220609.2, 26.5, 325.7, 0.0);  
( 567739.9, 4220609.2, 28.2, 325.7, 0.0); ( 567789.9,  
4220609.2, 29.8, 325.7, 0.0);  
( 567040.1, 4219808.6, 50.5, 50.5, 0.0); ( 567090.1,  
4219808.6, 50.8, 50.8, 0.0);  
( 567140.1, 4219808.6, 50.3, 50.3, 0.0); ( 567190.1,  
4219808.6, 47.7, 48.3, 0.0);  
( 567240.1, 4219808.6, 45.7, 45.7, 0.0); ( 567290.1,  
4219808.6, 44.7, 75.3, 0.0);  
( 567340.1, 4219808.6, 45.6, 75.3, 0.0); ( 567040.1,  
4219858.6, 45.9, 51.9, 0.0);  
( 567090.1, 4219858.6, 50.5, 50.5, 0.0); ( 567140.1,  
4219858.6, 52.1, 52.1, 0.0);  
( 567190.1, 4219858.6, 50.2, 50.2, 0.0); ( 567240.1,  
4219858.6, 48.5, 75.3, 0.0);  
( 567290.1, 4219858.6, 48.1, 75.3, 0.0); ( 567340.1,  
4219858.6, 49.2, 75.3, 0.0);  
( 567390.1, 4219858.6, 53.1, 68.5, 0.0); ( 567040.1,  
4219908.6, 42.3, 52.5, 0.0);  
( 567090.1, 4219908.6, 43.1, 75.3, 0.0); ( 567140.1,  
4219908.6, 49.2, 75.3, 0.0);  
( 567190.1, 4219908.6, 51.9, 75.3, 0.0); ( 567240.1,  
4219908.6, 51.7, 75.3, 0.0);  
( 567290.1, 4219908.6, 51.9, 75.3, 0.0); ( 567340.1,  
4219908.6, 54.5, 75.3, 0.0);  
( 567390.1, 4219908.6, 59.0, 63.0, 0.0); ( 567440.1,  
4219908.6, 55.5, 68.9, 0.0);  
( 567490.1, 4219908.6, 44.3, 75.3, 0.0); ( 567040.1,  
4219958.6, 43.7, 75.3, 0.0);  
( 567090.1, 4219958.6, 44.4, 75.3, 0.0); ( 567140.1,  
4219958.6, 47.5, 75.3, 0.0);  
( 567190.1, 4219958.6, 52.4, 75.3, 0.0); ( 567240.1,  
4219958.6, 55.0, 75.3, 0.0);

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

( 567290.1, 4219958.6, 56.3, 75.3, 0.0); ( 567340.1,  
4219958.6, 59.6, 75.3, 0.0);  
( 567390.1, 4219958.6, 63.6, 63.6, 0.0); ( 567440.1,  
4219958.6, 57.8, 69.8, 0.0);  
( 567490.1, 4219958.6, 42.7, 75.3, 0.0); ( 567040.1,  
4220008.6, 44.8, 75.3, 0.0);  
( 567090.1, 4220008.6, 47.5, 75.3, 0.0); ( 567140.1,  
4220008.6, 51.0, 75.3, 0.0);  
( 567190.1, 4220008.6, 55.3, 75.3, 0.0); ( 567240.1,  
4220008.6, 57.9, 75.3, 0.0);  
( 567290.1, 4220008.6, 63.1, 75.3, 0.0); ( 567340.1,  
4220008.6, 66.8, 74.1, 0.0);  
( 567390.1, 4220008.6, 66.9, 68.3, 0.0); ( 567440.1,  
4220008.6, 59.1, 75.3, 0.0);

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 40

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 567490.1, 4220008.6, 50.1, 75.3, 0.0); ( 567540.1,  
4220008.6, 36.5, 75.3, 0.0);  
( 567040.1, 4220058.6, 42.3, 75.3, 0.0); ( 567090.1,  
4220058.6, 44.0, 75.3, 0.0);  
( 567140.1, 4220058.6, 50.0, 75.3, 0.0); ( 567190.1,  
4220058.6, 55.7, 75.3, 0.0);  
( 567240.1, 4220058.6, 60.5, 75.3, 0.0); ( 567290.1,  
4220058.6, 67.9, 75.3, 0.0);  
( 567340.1, 4220058.6, 71.8, 72.1, 0.0); ( 567390.1,  
4220058.6, 62.5, 75.3, 0.0);  
( 567440.1, 4220058.6, 53.1, 75.3, 0.0); ( 567490.1,  
4220058.6, 42.3, 75.3, 0.0);  
( 567540.1, 4220058.6, 36.2, 75.3, 0.0); ( 567040.1,  
4220108.6, 43.1, 75.3, 0.0);  
( 567090.1, 4220108.6, 48.7, 75.3, 0.0); ( 567140.1,  
4220108.6, 50.5, 75.3, 0.0);  
( 567190.1, 4220108.6, 54.5, 75.3, 0.0); ( 567240.1,  
4220108.6, 60.0, 75.3, 0.0);  
( 567290.1, 4220108.6, 69.9, 75.3, 0.0); ( 567340.1,  
4220108.6, 71.6, 75.3, 0.0);  
( 567390.1, 4220108.6, 60.8, 75.3, 0.0); ( 567440.1,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220108.6, 47.3, 75.3, 0.0);  
 ( 567490.1, 4220108.6, 36.9, 75.3, 0.0); ( 567540.1,  
 4220108.6, 35.5, 75.3, 0.0);  
 ( 567040.1, 4220158.6, 45.0, 75.3, 0.0); ( 567090.1,  
 4220158.6, 48.3, 75.3, 0.0);  
 ( 567140.1, 4220158.6, 52.5, 75.3, 0.0); ( 567190.1,  
 4220158.6, 57.2, 75.3, 0.0);  
 ( 567240.1, 4220158.6, 63.2, 75.3, 0.0); ( 567290.1,  
 4220158.6, 70.1, 75.1, 0.0);  
 ( 567340.1, 4220158.6, 65.1, 75.3, 0.0); ( 567390.1,  
 4220158.6, 55.4, 75.3, 0.0);  
 ( 567440.1, 4220158.6, 44.1, 75.3, 0.0); ( 567490.1,  
 4220158.6, 36.9, 75.3, 0.0);  
 ( 567540.1, 4220158.6, 35.9, 75.3, 0.0); ( 567040.1,  
 4220208.6, 44.0, 75.3, 0.0);  
 ( 567090.1, 4220208.6, 50.3, 75.3, 0.0); ( 567140.1,  
 4220208.6, 53.3, 75.3, 0.0);  
 ( 567190.1, 4220208.6, 56.4, 75.3, 0.0); ( 567240.1,  
 4220208.6, 63.4, 75.1, 0.0);  
 ( 567290.1, 4220208.6, 65.0, 75.3, 0.0); ( 567340.1,  
 4220208.6, 56.5, 75.3, 0.0);  
 ( 567390.1, 4220208.6, 45.1, 75.3, 0.0); ( 567440.1,  
 4220208.6, 41.2, 75.3, 0.0);  
 ( 567490.1, 4220208.6, 39.3, 75.3, 0.0); ( 567540.1,  
 4220208.6, 38.0, 75.3, 0.0);  
 ( 567040.1, 4220258.6, 47.5, 63.7, 0.0); ( 567090.1,  
 4220258.6, 50.4, 63.7, 0.0);  
 ( 567140.1, 4220258.6, 55.0, 63.7, 0.0); ( 567190.1,  
 4220258.6, 61.1, 61.1, 0.0);  
 ( 567240.1, 4220258.6, 63.0, 63.0, 0.0); ( 567290.1,  
 4220258.6, 56.4, 75.3, 0.0);  
 ( 567340.1, 4220258.6, 46.5, 75.3, 0.0); ( 567390.1,  
 4220258.6, 40.4, 75.3, 0.0);  
 ( 567440.1, 4220258.6, 37.3, 75.3, 0.0); ( 567490.1,  
 4220258.6, 37.4, 75.3, 0.0);  
 ( 567540.1, 4220258.6, 37.3, 75.3, 0.0); ( 567040.1,  
 4220308.6, 48.4, 63.7, 0.0);  
 ( 567090.1, 4220308.6, 53.9, 63.7, 0.0); ( 567140.1,  
 4220308.6, 59.9, 62.8, 0.0);  
 ( 567190.1, 4220308.6, 63.2, 63.2, 0.0); ( 567240.1,  
 4220308.6, 54.4, 75.1, 0.0);  
 ( 567290.1, 4220308.6, 47.4, 75.3, 0.0); ( 567340.1,  
 4220308.6, 41.9, 75.3, 0.0);  
 ( 567390.1, 4220308.6, 38.5, 75.3, 0.0); ( 567440.1,  
 4220308.6, 37.6, 75.3, 0.0);  
 ( 567490.1, 4220308.6, 36.4, 75.3, 0.0); ( 567540.1,  
 4220308.6, 35.4, 75.3, 0.0);  
 ( 567040.1, 4220358.6, 51.2, 57.9, 0.0); ( 567090.1,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220358.6, 51.4, 63.7, 0.0);  
( 567140.1, 4220358.6, 53.6, 63.7, 0.0); ( 567190.1,  
4220358.6, 52.1, 63.7, 0.0);  
( 567240.1, 4220358.6, 46.5, 75.3, 0.0); ( 567290.1,  
4220358.6, 42.5, 75.3, 0.0);  
( 567340.1, 4220358.6, 41.2, 75.3, 0.0); ( 567390.1,  
4220358.6, 37.9, 75.3, 0.0);  
( 567440.1, 4220358.6, 37.3, 75.3, 0.0); ( 567490.1,  
4220358.6, 37.1, 75.3, 0.0);  
( 567540.1, 4220358.6, 36.1, 75.3, 0.0); ( 567040.1,  
4220408.6, 53.2, 57.9, 0.0);  
( 567090.1, 4220408.6, 48.5, 63.7, 0.0); ( 567140.1,  
4220408.6, 48.2, 63.7, 0.0);  
( 567190.1, 4220408.6, 48.7, 63.7, 0.0); ( 567240.1,  
4220408.6, 44.8, 75.1, 0.0);  
( 567290.1, 4220408.6, 44.1, 75.3, 0.0); ( 567340.1,  
4220408.6, 43.4, 75.3, 0.0);  
( 567390.1, 4220408.6, 43.0, 75.3, 0.0); ( 567440.1,  
4220408.6, 42.9, 75.3, 0.0);  
( 567490.1, 4220408.6, 38.8, 75.3, 0.0); ( 567540.1,  
4220408.6, 36.4, 75.3, 0.0);

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 41

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 567040.1, 4220458.6, 48.8, 57.9, 0.0); ( 567090.1,  
4220458.6, 45.4, 63.7, 0.0);  
( 567140.1, 4220458.6, 47.6, 63.7, 0.0); ( 567190.1,  
4220458.6, 48.1, 63.7, 0.0);  
( 567240.1, 4220458.6, 48.1, 63.3, 0.0); ( 567290.1,  
4220458.6, 47.5, 47.5, 0.0);  
( 567340.1, 4220458.6, 47.3, 47.3, 0.0); ( 567390.1,  
4220458.6, 44.9, 44.9, 0.0);  
( 567440.1, 4220458.6, 41.8, 41.8, 0.0); ( 567490.1,  
4220458.6, 40.8, 50.5, 0.0);  
( 567540.1, 4220458.6, 39.8, 50.5, 0.0); ( 567040.1,  
4220508.6, 43.9, 57.9, 0.0);  
( 567090.1, 4220508.6, 41.9, 63.4, 0.0); ( 567140.1,  
4220508.6, 43.4, 63.4, 0.0);

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

( 567190.1, 4220508.6, 47.4, 50.1, 0.0); ( 567240.1,  
4220508.6, 50.6, 50.6, 0.0);  
( 567290.1, 4220508.6, 50.4, 50.4, 0.0); ( 567340.1,  
4220508.6, 50.7, 50.7, 0.0);  
( 567390.1, 4220508.6, 43.4, 52.1, 0.0); ( 567440.1,  
4220508.6, 42.3, 50.5, 0.0);  
( 567490.1, 4220508.6, 46.5, 50.5, 0.0); ( 567540.1,  
4220508.6, 47.1, 50.1, 0.0);  
( 567040.1, 4220558.6, 40.0, 57.9, 0.0); ( 567090.1,  
4220558.6, 37.0, 63.4, 0.0);  
( 567140.1, 4220558.6, 39.4, 63.3, 0.0); ( 567190.1,  
4220558.6, 43.6, 50.8, 0.0);  
( 567240.1, 4220558.6, 48.8, 49.6, 0.0); ( 567290.1,  
4220558.6, 50.8, 50.8, 0.0);  
( 567340.1, 4220558.6, 51.0, 51.0, 0.0); ( 567390.1,  
4220558.6, 42.9, 52.1, 0.0);  
( 567440.1, 4220558.6, 43.9, 50.5, 0.0); ( 567490.1,  
4220558.6, 47.4, 50.5, 0.0);  
( 567540.1, 4220558.6, 40.7, 50.5, 0.0); ( 567040.1,  
4220608.6, 37.2, 57.9, 0.0);  
( 567090.1, 4220608.6, 36.5, 36.5, 0.0); ( 567140.1,  
4220608.6, 39.8, 49.7, 0.0);  
( 567190.1, 4220608.6, 44.3, 50.1, 0.0); ( 567240.1,  
4220608.6, 49.8, 49.8, 0.0);  
( 567290.1, 4220608.6, 50.8, 50.8, 0.0); ( 567340.1,  
4220608.6, 43.5, 52.1, 0.0);  
( 567390.1, 4220608.6, 38.9, 52.1, 0.0); ( 567440.1,  
4220608.6, 39.4, 51.8, 0.0);  
( 567490.1, 4220608.6, 39.9, 50.5, 0.0); ( 567540.1,  
4220608.6, 34.1, 50.5, 0.0);  
( 567040.1, 4220658.6, 38.0, 57.6, 0.0); ( 567090.1,  
4220658.6, 37.1, 37.1, 0.0);  
( 567140.1, 4220658.6, 40.5, 43.9, 0.0); ( 567190.1,  
4220658.6, 44.0, 44.0, 0.0);  
( 567240.1, 4220658.6, 46.4, 47.0, 0.0); ( 567290.1,  
4220658.6, 47.8, 47.8, 0.0);  
( 567340.1, 4220658.6, 45.0, 51.2, 0.0); ( 567390.1,  
4220658.6, 41.5, 51.2, 0.0);  
( 567440.1, 4220658.6, 33.1, 52.1, 0.0); ( 567490.1,  
4220658.6, 30.9, 52.0, 0.0);  
( 567540.1, 4220658.6, 30.9, 325.7, 0.0); ( 567024.6,  
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( 567074.6, 4219459.2, 42.7, 52.1, 0.0); ( 567124.6,  
4219459.2, 40.5, 52.1, 0.0);  
( 567174.6, 4219459.2, 38.0, 38.0, 0.0); ( 567224.6,  
4219459.2, 36.4, 36.4, 0.0);  
( 567274.6, 4219459.2, 35.4, 35.4, 0.0); ( 567324.6,  
4219459.2, 34.1, 34.1, 0.0);



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

```

( 567374.6, 4219459.2, 32.7, 100.1, 0.0); ( 567424.6,
4219459.2, 32.5, 100.1, 0.0);
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( 567124.6, 4219509.2, 42.4, 51.8, 0.0); ( 567174.6,
4219509.2, 39.7, 39.7, 0.0);
( 567224.6, 4219509.2, 38.1, 38.1, 0.0); ( 567274.6,
4219509.2, 37.2, 37.2, 0.0);
( 567324.6, 4219509.2, 35.9, 35.9, 0.0); ( 567374.6,
4219509.2, 34.2, 76.6, 0.0);
( 567424.6, 4219509.2, 34.9, 100.1, 0.0); ( 567024.6,
4219559.2, 48.9, 50.1, 0.0);
( 567074.6, 4219559.2, 48.1, 48.1, 0.0); ( 567124.6,
4219559.2, 43.5, 43.5, 0.0);
( 567174.6, 4219559.2, 41.2, 41.2, 0.0); ( 567224.6,
4219559.2, 39.4, 39.4, 0.0);
( 567274.6, 4219559.2, 38.4, 38.4, 0.0); ( 567324.6,
4219559.2, 37.0, 37.0, 0.0);
( 567374.6, 4219559.2, 35.6, 35.6, 0.0); ( 567424.6,
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( 567024.6, 4219609.2, 43.5, 51.4, 0.0); ( 567074.6,
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( 567124.6, 4219609.2, 43.1, 43.1, 0.0); ( 567174.6,
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( 567224.6, 4219609.2, 40.3, 40.3, 0.0); ( 567274.6,
4219609.2, 38.9, 38.9, 0.0);
( 567324.6, 4219609.2, 37.5, 37.5, 0.0); ( 567374.6,
4219609.2, 36.5, 36.5, 0.0);

```

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 42

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 567424.6, 4219609.2, 36.1, 76.6, 0.0); ( 567024.6,
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( 567074.6, 4219659.2, 44.3, 44.3, 0.0); ( 567124.6,
4219659.2, 43.2, 43.2, 0.0);
( 567174.6, 4219659.2, 42.1, 42.1, 0.0); ( 567224.6,
4219659.2, 40.9, 40.9, 0.0);
( 567274.6, 4219659.2, 39.8, 39.8, 0.0); ( 567324.6,

```

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219659.2, 38.6, 38.6, 0.0);  
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 ( 567274.6, 4219759.2, 42.5, 42.5, 0.0); ( 567324.6,  
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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( 567874.6, 4219659.0, 37.7, 100.1, 0.0); ( 567924.6,  
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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 43

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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( 568074.6, 4219458.8, 66.4, 100.1, 0.0); ( 567924.6,  
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( 567974.6, 4219558.8, 63.8, 95.7, 0.0); ( 568024.6,  
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( 567974.6, 4219608.8, 53.8, 100.1, 0.0); ( 568024.6,  
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( 567974.6, 4219658.8, 40.0, 100.1, 0.0); ( 568024.6,  
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( 568074.6, 4219658.8, 31.4, 100.1, 0.0); ( 567924.6,  
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( 567974.6, 4219708.8, 34.0, 100.1, 0.0); ( 568024.6,  
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( 568024.6, 4219758.8, 29.9, 100.1, 0.0); ( 568074.6,  
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( 568124.6, 4219758.8, 42.6, 95.7, 0.0); ( 567924.6,  
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( 567974.6, 4219908.8, 30.7, 95.7, 0.0); ( 568024.6,  
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( 568074.6, 4219908.8, 39.2, 95.7, 0.0); ( 568124.6,  
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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( 568024.6, 4219958.8, 38.4, 38.4, 0.0); ( 568074.6,  
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( 568124.6, 4219958.8, 43.6, 43.6, 0.0); ( 567924.6,  
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( 567974.6, 4220008.8, 36.9, 36.9, 0.0); ( 568024.6,  
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( 568074.6, 4220008.8, 42.5, 42.5, 0.0); ( 568124.6,  
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( 567924.6, 4220058.8, 35.7, 35.7, 0.0); ( 567974.6,  
4220058.8, 38.2, 38.2, 0.0);  
( 568024.6, 4220058.8, 41.2, 41.2, 0.0); ( 568074.6,  
4220058.8, 43.6, 43.6, 0.0);  
( 568124.6, 4220058.8, 42.6, 42.6, 0.0); ( 567924.6,  
4220108.8, 36.5, 36.5, 0.0);  
( 567974.6, 4220108.8, 38.5, 38.5, 0.0); ( 568024.6,  
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( 568275.0, 4219709.0, 51.5, 95.7, 0.0); ( 568325.0,  
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( 568375.0, 4219709.0, 52.2, 87.8, 0.0); ( 568425.0,  
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( 568475.0, 4219709.0, 53.3, 88.2, 0.0); ( 568525.0,  
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( 568225.0, 4219759.0, 52.4, 95.7, 0.0); ( 568275.0,  
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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 568525.0, 4219759.0,	52.7,	88.2,	0.0);	( 568125.0,
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4219809.0, 52.3, 56.3,	0.0);			
( 568275.0, 4219809.0,	55.9,	55.9,	0.0);	( 568325.0,
4219809.0, 56.0, 56.0,	0.0);			
( 568375.0, 4219809.0,	54.8,	54.8,	0.0);	( 568425.0,
4219809.0, 54.7, 54.7,	0.0);			
( 568475.0, 4219809.0,	55.6,	55.6,	0.0);	( 568525.0,
4219809.0, 48.3, 88.2,	0.0);			
( 568125.0, 4219859.0,	43.3,	95.7,	0.0);	( 568175.0,
4219859.0, 46.7, 46.7,	0.0);			
( 568225.0, 4219859.0,	49.3,	55.3,	0.0);	( 568275.0,
4219859.0, 54.0, 54.0,	0.0);			
( 568325.0, 4219859.0,	56.2,	56.2,	0.0);	( 568375.0,
4219859.0, 54.3, 54.3,	0.0);			
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( 568525.0, 4219859.0,	47.2,	88.2,	0.0);	( 568125.0,
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( 568275.0, 4220009.0,	43.2,	56.3,	0.0);	( 568325.0,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220009.0, 44.1, 56.3, 0.0);  
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 ( 568425.0, 4220059.0, 42.2, 325.7, 0.0); ( 568475.0,  
 4220059.0, 48.3, 50.5, 0.0);  
 ( 568525.0, 4220059.0, 52.1, 52.1, 0.0); ( 568125.0,  
 4220109.0, 38.3, 38.3, 0.0);  
 ( 568175.0, 4220109.0, 37.4, 37.4, 0.0); ( 568225.0,  
 4220109.0, 38.2, 325.7, 0.0);  
 ( 568275.0, 4220109.0, 38.4, 325.7, 0.0); ( 568325.0,  
 4220109.0, 37.0, 325.7, 0.0);  
 ( 568375.0, 4220109.0, 40.4, 325.7, 0.0); ( 568425.0,  
 4220109.0, 47.0, 325.7, 0.0);  
 ( 568475.0, 4220109.0, 50.3, 325.7, 0.0); ( 568525.0,  
 4220109.0, 49.3, 325.7, 0.0);  
 ( 568125.0, 4220159.0, 35.9, 325.7, 0.0); ( 568175.0,  
 4220159.0, 37.4, 325.7, 0.0);  
 ( 568225.0, 4220159.0, 38.2, 325.7, 0.0); ( 568275.0,  
 4220159.0, 37.1, 325.7, 0.0);  
 ( 568325.0, 4220159.0, 37.4, 325.7, 0.0); ( 568375.0,  
 4220159.0, 41.7, 325.7, 0.0);  
 ( 568425.0, 4220159.0, 43.1, 325.7, 0.0); ( 568475.0,  
 4220159.0, 43.8, 325.7, 0.0);  
 ( 568525.0, 4220159.0, 45.2, 325.7, 0.0); ( 568125.0,  
 4220209.0, 36.0, 325.7, 0.0);  
 ( 568175.0, 4220209.0, 38.1, 325.7, 0.0); ( 568225.0,  
 4220209.0, 36.7, 325.7, 0.0);  
 ( 568275.0, 4220209.0, 34.3, 325.7, 0.0); ( 568325.0,  
 4220209.0, 37.8, 325.7, 0.0);  
 ( 568375.0, 4220209.0, 38.8, 325.7, 0.0); ( 568425.0,  
 4220209.0, 39.0, 325.7, 0.0);  
 ( 568475.0, 4220209.0, 43.6, 325.7, 0.0); ( 568525.0,  
 4220209.0, 44.3, 325.7, 0.0);  
 ( 568125.0, 4220259.0, 32.7, 325.7, 0.0); ( 568175.0,  
 4220259.0, 35.1, 325.7, 0.0);  
 ( 568225.0, 4220259.0, 31.0, 325.7, 0.0); ( 568275.0,  
 4220259.0, 33.1, 325.7, 0.0);  
 ( 568325.0, 4220259.0, 36.3, 325.7, 0.0); ( 568375.0,  
 4220259.0, 37.1, 325.7, 0.0);  
 ( 568425.0, 4220259.0, 36.2, 325.7, 0.0); ( 568475.0,

4220259.0, 37.5, 325.7, 0.0);

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 45

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 568525.0, 4220259.0,	37.5,	325.7,	0.0);	( 568125.0,
4220309.0, 30.1,	325.7,	0.0);		
( 568175.0, 4220309.0,	30.8,	325.7,	0.0);	( 568225.0,
4220309.0, 31.2,	325.7,	0.0);		
( 568275.0, 4220309.0,	33.9,	325.7,	0.0);	( 568325.0,
4220309.0, 37.3,	325.7,	0.0);		
( 568375.0, 4220309.0,	37.8,	325.7,	0.0);	( 568425.0,
4220309.0, 35.9,	325.7,	0.0);		
( 568475.0, 4220309.0,	34.0,	325.7,	0.0);	( 568525.0,
4220309.0, 33.4,	325.7,	0.0);		
( 568125.0, 4220359.0,	29.7,	325.7,	0.0);	( 568175.0,
4220359.0, 30.3,	325.7,	0.0);		
( 568225.0, 4220359.0,	31.1,	325.7,	0.0);	( 568275.0,
4220359.0, 32.7,	325.7,	0.0);		
( 568325.0, 4220359.0,	35.5,	325.7,	0.0);	( 568375.0,
4220359.0, 34.5,	325.7,	0.0);		
( 568425.0, 4220359.0,	32.2,	325.7,	0.0);	( 568475.0,
4220359.0, 32.5,	325.7,	0.0);		
( 568525.0, 4220359.0,	33.9,	325.7,	0.0);	( 568125.0,
4220409.0, 29.0,	325.7,	0.0);		
( 568175.0, 4220409.0,	30.0,	325.7,	0.0);	( 568225.0,
4220409.0, 30.3,	325.7,	0.0);		
( 568275.0, 4220409.0,	30.8,	325.7,	0.0);	( 568325.0,
4220409.0, 30.9,	325.7,	0.0);		
( 568375.0, 4220409.0,	30.9,	325.7,	0.0);	( 568425.0,
4220409.0, 31.8,	325.7,	0.0);		
( 568475.0, 4220409.0,	33.1,	325.7,	0.0);	( 568525.0,
4220409.0, 34.5,	325.7,	0.0);		
( 568125.0, 4220459.0,	28.2,	325.7,	0.0);	( 568175.0,
4220459.0, 28.7,	325.7,	0.0);		
( 568225.0, 4220459.0,	29.0,	325.7,	0.0);	( 568275.0,
4220459.0, 29.7,	325.7,	0.0);		
( 568325.0, 4220459.0,	30.5,	325.7,	0.0);	( 568375.0,
4220459.0, 31.3,	325.7,	0.0);		



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

( 568425.0, 4220459.0, 32.4, 325.7, 0.0); ( 568475.0,  
4220459.0, 33.5, 325.7, 0.0);  
( 568525.0, 4220459.0, 35.0, 325.7, 0.0); ( 568125.0,  
4220509.0, 27.7, 325.7, 0.0);  
( 568175.0, 4220509.0, 28.4, 325.7, 0.0); ( 568225.0,  
4220509.0, 29.7, 325.7, 0.0);  
( 568275.0, 4220509.0, 30.2, 325.7, 0.0); ( 568325.0,  
4220509.0, 30.9, 325.7, 0.0);  
( 568375.0, 4220509.0, 31.9, 325.7, 0.0); ( 568425.0,  
4220509.0, 32.9, 325.7, 0.0);  
( 568475.0, 4220509.0, 34.0, 325.7, 0.0); ( 568525.0,  
4220509.0, 35.1, 325.7, 0.0);  
( 568125.0, 4220559.0, 28.3, 325.7, 0.0); ( 568175.0,  
4220559.0, 28.9, 325.7, 0.0);  
( 568225.0, 4220559.0, 29.9, 325.7, 0.0); ( 568275.0,  
4220559.0, 30.3, 325.7, 0.0);  
( 568325.0, 4220559.0, 31.3, 325.7, 0.0); ( 568375.0,  
4220559.0, 32.4, 325.7, 0.0);  
( 568425.0, 4220559.0, 33.5, 325.7, 0.0); ( 568475.0,  
4220559.0, 34.9, 325.7, 0.0);  
( 568525.0, 4220559.0, 35.3, 325.7, 0.0); ( 568125.0,  
4220609.0, 28.2, 325.7, 0.0);  
( 568175.0, 4220609.0, 28.5, 325.7, 0.0); ( 568225.0,  
4220609.0, 29.4, 325.7, 0.0);  
( 568275.0, 4220609.0, 29.8, 325.7, 0.0); ( 568325.0,  
4220609.0, 30.8, 325.7, 0.0);  
( 568375.0, 4220609.0, 31.3, 325.7, 0.0); ( 567040.2,  
4220658.2, 37.9, 57.6, 0.0);  
( 567090.2, 4220658.2, 37.1, 37.1, 0.0); ( 567140.2,  
4220658.2, 40.5, 43.9, 0.0);

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 46

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT  
BE PERFORMED \*  
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR  
FASTAREA/FASTALL

DISTANCE	SOURCE	- -	RECEPTOR LOCATION	- -
	ID		XR (METERS)	YR (METERS)



\*\*\* AERMOD - VERSION 18081 \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 14:46:01

PAGE 48

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA \*\*\*

Surface file: NapaCountyAirport\_MetData\724955.SFC  
Met Version: 14134  
Profile file: NapaCountyAirport\_MetData\724955.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93227 Upper air station no.: 23230  
Name: NAPA\_COUNTY\_AIRPORT Name:

OAKLAND/WSO\_AP

Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-2.8	0.059	-9.000	-9.000	-999.	34.		6.8	0.03	0.63
1.00	1.76	111.			10.0	279.2	2.0							
09	01	01	1	02	-11.4	0.199	-9.000	-9.000	-999.	213.		62.6	0.03	0.63
1.00	3.36	98.			10.0	279.2	2.0							
09	01	01	1	03	-19.9	0.345	-9.000	-9.000	-999.	485.		187.0	0.03	0.63
1.00	5.36	94.			10.0	278.1	2.0							
09	01	01	1	04	-15.8	0.273	-9.000	-9.000	-999.	345.		117.7	0.03	0.63
1.00	4.36	93.			10.0	278.1	2.0							
09	01	01	1	05	-13.7	0.237	-9.000	-9.000	-999.	277.		88.3	0.03	0.63
1.00	3.86	93.			10.0	278.1	2.0							
09	01	01	1	06	-2.8	0.059	-9.000	-9.000	-999.	87.		6.8	0.03	0.63
1.00	1.76	92.			10.0	278.8	2.0							
09	01	01	1	07	-9.1	0.158	-9.000	-9.000	-999.	151.		39.6	0.03	0.63
1.00	2.86	105.			10.0	278.8	2.0							
09	01	01	1	08	-13.6	0.237	-9.000	-9.000	-999.	276.		88.5	0.03	0.63
1.00	3.86	93.			10.0	278.8	2.0							
09	01	01	1	09	-9.4	0.318	-9.000	-9.000	-999.	430.		311.3	0.03	0.63
0.41	4.86	97.			10.0	278.8	2.0							

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

09	01	01	1	10	4.8	0.296	0.220	0.016	81.	388.	-497.3	0.03	0.63
0.28	4.36	101.			10.0	279.2	2.0						
09	01	01	1	11	11.8	0.301	0.366	0.016	151.	396.	-210.6	0.03	0.63
0.23	4.36	94.			10.0	279.2	2.0						
09	01	01	1	12	15.7	0.335	0.450	0.016	210.	465.	-217.6	0.03	0.63
0.22	4.86	86.			10.0	279.2	2.0						
09	01	01	1	13	16.4	0.291	0.488	0.016	257.	377.	-136.4	0.02	0.63
0.22	4.36	123.			10.0	279.2	2.0						
09	01	01	1	14	13.8	0.334	0.480	0.016	291.	463.	-245.4	0.03	0.63
0.22	4.86	109.			10.0	279.2	2.0						
09	01	01	1	15	8.1	0.202	0.411	0.015	310.	229.	-92.5	0.03	0.63
0.26	2.86	102.			10.0	279.9	2.0						
09	01	01	1	16	-0.4	0.191	-9.000	-9.000	-999.	200.	1603.3	0.03	0.63
0.34	2.86	104.			10.0	279.9	2.0						
09	01	01	1	17	-6.1	0.117	-9.000	-9.000	-999.	97.	23.6	0.03	0.63
0.58	2.36	111.			10.0	279.2	2.0						
09	01	01	1	18	-11.4	0.199	-9.000	-9.000	-999.	213.	62.4	0.03	0.63
1.00	3.36	97.			10.0	278.8	2.0						
09	01	01	1	19	-9.1	0.158	-9.000	-9.000	-999.	152.	39.6	0.03	0.63
1.00	2.86	94.			10.0	278.8	2.0						
09	01	01	1	20	-9.1	0.158	-9.000	-9.000	-999.	151.	39.6	0.03	0.63
1.00	2.86	87.			10.0	278.8	2.0						
09	01	01	1	21	-2.7	0.059	-9.000	-9.000	-999.	41.	6.8	0.03	0.63
1.00	1.76	90.			10.0	279.2	2.0						
09	01	01	1	22	-6.3	0.110	-9.000	-9.000	-999.	88.	19.2	0.03	0.63
1.00	2.36	72.			10.0	279.2	2.0						
09	01	01	1	23	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	100.			10.0	279.2	2.0						
09	01	01	1	24	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	90.			10.0	279.2	2.0						

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	111.	1.76	279.3	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 49

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567539.85	4220159.17	0.05891	567589.85
4220159.17	0.07123		
567639.85	4220159.17	0.08682	567539.85
4220209.17	0.07387		
567589.85	4220209.17	0.09337	567639.85
4220209.17	0.11611		
567539.85	4220259.17	0.07179	567589.85
4220259.17	0.08848		
567639.85	4220259.17	0.10549	567689.85
4220259.17	0.13567		
567539.85	4220309.17	0.06012	567589.85
4220309.17	0.07132		
567639.85	4220309.17	0.08524	567689.85
4220309.17	0.10279		
567539.85	4220359.17	0.05039	567589.85
4220359.17	0.05955		
567639.85	4220359.17	0.07208	567689.85
4220359.17	0.08602		
567739.85	4220359.17	0.11710	567539.85
4220409.17	0.04480		
567589.85	4220409.17	0.05376	567639.85
4220409.17	0.06428		
567689.85	4220409.17	0.07392	567739.85
4220409.17	0.09222		
567539.85	4220459.17	0.04100	567589.85
4220459.17	0.04940		
567639.85	4220459.17	0.05728	567689.85
4220459.17	0.06096		
567739.85	4220459.17	0.07156	567539.85

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220509.17	0.03461			
567589.85	4220509.17	0.04374		567639.85
4220509.17	0.04954			
567689.85	4220509.17	0.05004		567739.85
4220509.17	0.05500			
567539.85	4220559.17	0.03430		567589.85
4220559.17	0.03848			
567639.85	4220559.17	0.04062		567689.85
4220559.17	0.04068			
567739.85	4220559.17	0.04416		567789.85
4220559.17	0.05141			
567539.85	4220609.17	0.03069		567589.85
4220609.17	0.03215			
567639.85	4220609.17	0.03299		567689.85
4220609.17	0.03381			
567739.85	4220609.17	0.03768		567789.85
4220609.17	0.04356			
567040.05	4219808.62	0.00606		567090.05
4219808.62	0.00624			
567140.05	4219808.62	0.00647		567190.05
4219808.62	0.00722			
567240.05	4219808.62	0.00803		567290.05
4219808.62	0.00885			
567340.05	4219808.62	0.00946		567040.05
4219858.62	0.00713			
567090.05	4219858.62	0.00695		567140.05
4219858.62	0.00710			
567190.05	4219858.62	0.00782		567240.05
4219858.62	0.00855			
567290.05	4219858.62	0.00902		567340.05
4219858.62	0.00909			
567390.05	4219858.62	0.00827		567040.05
4219908.62	0.00820			
567090.05	4219908.62	0.00863		567140.05
4219908.62	0.00803			
567190.05	4219908.62	0.00821		567240.05
4219908.62	0.00895			
567290.05	4219908.62	0.00942		567340.05
4219908.62	0.00882			
567390.05	4219908.62	0.00763		567440.05
4219908.62	0.00915			
567490.05	4219908.62	0.01683		567040.05
4219958.62	0.00872			
567090.05	4219958.62	0.00906		567140.05
4219958.62	0.00885			
567190.05	4219958.62	0.00813		567240.05
4219958.62	0.00821			
567290.05	4219958.62	0.00876		567340.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219958.62 0.00872  
567390.05 4219958.62 0.00843 567440.05

4219958.62 0.01032

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 14:46:01

PAGE 50

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
567490.05	4219958.62	0.02026	567040.05
4220008.62	0.00961		
567090.05	4220008.62	0.00970	567140.05
4220008.62	0.00948		
567190.05	4220008.62	0.00875	567240.05
4220008.62	0.00831		
567290.05	4220008.62	0.00737	567340.05
4220008.62	0.00739		
567390.05	4220008.62	0.00847	567440.05
4220008.62	0.01155		
567490.05	4220008.62	0.01813	567540.05
4220008.62	0.03042		
567040.05	4220058.62	0.01156	567090.05
4220058.62	0.01189		
567140.05	4220058.62	0.01100	567190.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220058.62	0.00995			
567240.05	4220058.62	0.00924		567290.05
4220058.62	0.00864			
567340.05	4220058.62	0.00914		567390.05
4220058.62	0.01086			
567440.05	4220058.62	0.01573		567490.05
4220058.62	0.02738			
567540.05	4220058.62	0.03506		567040.05
4220108.62	0.01367			
567090.05	4220108.62	0.01309		567140.05
4220108.62	0.01338			
567190.05	4220108.62	0.01266		567240.05
4220108.62	0.01130			
567290.05	4220108.62	0.01009		567340.05
4220108.62	0.01092			
567390.05	4220108.62	0.01400		567440.05
4220108.62	0.02496			
567490.05	4220108.62	0.03664		567540.05
4220108.62	0.04270			
567040.05	4220158.62	0.01610		567090.05
4220158.62	0.01658			
567140.05	4220158.62	0.01638		567190.05
4220158.62	0.01552			
567240.05	4220158.62	0.01450		567290.05
4220158.62	0.01460			
567340.05	4220158.62	0.01696		567390.05
4220158.62	0.02353			
567440.05	4220158.62	0.03818		567490.05
4220158.62	0.04935			
567540.05	4220158.62	0.05873		567040.05
4220208.62	0.01793			
567090.05	4220208.62	0.01775		567140.05
4220208.62	0.01806			
567190.05	4220208.62	0.01816		567240.05
4220208.62	0.01688			
567290.05	4220208.62	0.01835		567340.05
4220208.62	0.02474			
567390.05	4220208.62	0.03924		567440.05
4220208.62	0.04938			
567490.05	4220208.62	0.06000		567540.05
4220208.62	0.07386			
567040.05	4220258.62	0.01730		567090.05
4220258.62	0.01786			
567140.05	4220258.62	0.01741		567190.05
4220258.62	0.01615			
567240.05	4220258.62	0.01705		567290.05
4220258.62	0.02234			
567340.05	4220258.62	0.03330		567390.05



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220258.62 0.04237  
 567440.05 4220258.62 0.05021 567490.05  
 4220258.62 0.05956  
 567540.05 4220258.62 0.07194 567040.05  
 4220308.62 0.01634  
 567090.05 4220308.62 0.01572 567140.05  
 4220308.62 0.01444  
 567190.05 4220308.62 0.01450 567240.05  
 4220308.62 0.02024  
 567290.05 4220308.62 0.02700 567340.05  
 4220308.62 0.03321  
 567390.05 4220308.62 0.03855 567440.05  
 4220308.62 0.04430  
 567490.05 4220308.62 0.05140 567540.05  
 4220308.62 0.06029  
 567040.05 4220358.62 0.01468 567090.05  
 4220358.62 0.01584

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 14:46:01

PAGE 51

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567140.05	4220358.62	0.01626	567190.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220358.62	0.01829			
	567240.05	4220358.62	0.02249	567290.05
4220358.62	0.02614			
	567340.05	4220358.62	0.02939	567390.05
4220358.62	0.03343			
	567440.05	4220358.62	0.03785	567490.05
4220358.62	0.04335			
	567540.05	4220358.62	0.05051	567040.05
4220408.62	0.01309			
	567090.05	4220408.62	0.01537	567140.05
4220408.62	0.01659			
	567190.05	4220408.62	0.01771	567240.05
4220408.62	0.02046			
	567290.05	4220408.62	0.02260	567340.05
4220408.62	0.02514			
	567390.05	4220408.62	0.02813	567440.05
4220408.62	0.03172			
	567490.05	4220408.62	0.03791	567540.05
4220408.62	0.04487			
	567040.05	4220458.62	0.01298	567090.05
4220458.62	0.01453			
	567140.05	4220458.62	0.01509	567190.05
4220458.62	0.01606			
	567240.05	4220458.62	0.01728	567290.05
4220458.62	0.01901			
	567340.05	4220458.62	0.02111	567390.05
4220458.62	0.02513			
	567440.05	4220458.62	0.02993	567490.05
4220458.62	0.03484			
	567540.05	4220458.62	0.04108	567040.05
4220508.62	0.01262			
	567090.05	4220508.62	0.01381	567140.05
4220508.62	0.01460			
	567190.05	4220508.62	0.01482	567240.05
4220508.62	0.01509			
	567290.05	4220508.62	0.01710	567340.05
4220508.62	0.01943			
	567390.05	4220508.62	0.02462	567440.05
4220508.62	0.02810			
	567490.05	4220508.62	0.03015	567540.05
4220508.62	0.03465			
	567040.05	4220558.62	0.01213	567090.05
4220558.62	0.01311			
	567140.05	4220558.62	0.01416	567190.05
4220558.62	0.01515			
	567240.05	4220558.62	0.01596	567290.05
4220558.62	0.01702			
	567340.05	4220558.62	0.01807	567390.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220558.62	0.02327			
	567440.05	4220558.62	0.02617	567490.05
4220558.62	0.02828			
	567540.05	4220558.62	0.03435	567040.05
4220608.62	0.01155			
	567090.05	4220608.62	0.01253	567140.05
4220608.62	0.01361			
	567190.05	4220608.62	0.01479	567240.05
4220608.62	0.01493			
	567290.05	4220608.62	0.01546	567340.05
4220608.62	0.01968			
	567390.05	4220608.62	0.02262	567440.05
4220608.62	0.02533			
	567490.05	4220608.62	0.02794	567540.05
4220608.62	0.03075			
	567040.05	4220658.62	0.01119	567090.05
4220658.62	0.01216			
	567140.05	4220658.62	0.01313	567190.05
4220658.62	0.01401			
	567240.05	4220658.62	0.01478	567290.05
4220658.62	0.01616			
	567340.05	4220658.62	0.01879	567390.05
4220658.62	0.02120			
	567440.05	4220658.62	0.02325	567490.05
4220658.62	0.02481			
	567540.05	4220658.62	0.02665	567024.60
4219459.23	0.00375			
	567074.60	4219459.23	0.00479	567124.60
4219459.23	0.00570			
	567174.60	4219459.23	0.00628	567224.60
4219459.23	0.00692			

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C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 52

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844

, L0048845	, L0048846	, L0048847	,		
	L0048848	, L0048849	, L0048850	, L0048851	, L0048852
, L0048853	, L0048854	, L0048855	,		
	L0048856	, L0048857	, L0048858	, L0048859	, L0048860
, L0048861	, L0048862	, L0048863	,		

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567274.60	4219459.23	0.00763	567324.60
4219459.23	0.00842		
567374.60	4219459.23	0.00926	567424.60
4219459.23	0.01025		
567024.60	4219509.23	0.00331	567074.60
4219509.23	0.00413		
567124.60	4219509.23	0.00536	567174.60
4219509.23	0.00638		
567224.60	4219509.23	0.00708	567274.60
4219509.23	0.00786		
567324.60	4219509.23	0.00876	567374.60
4219509.23	0.00977		
567424.60	4219509.23	0.01095	567024.60
4219559.23	0.00368		
567074.60	4219559.23	0.00407	567124.60
4219559.23	0.00518		
567174.60	4219559.23	0.00632	567224.60
4219559.23	0.00721		
567274.60	4219559.23	0.00807	567324.60
4219559.23	0.00910		
567374.60	4219559.23	0.01033	567424.60
4219559.23	0.01217		
567024.60	4219609.23	0.00462	567074.60
4219609.23	0.00463		
567124.60	4219609.23	0.00541	567174.60
4219609.23	0.00633		
567224.60	4219609.23	0.00735	567274.60
4219609.23	0.00827		
567324.60	4219609.23	0.00941	567374.60
4219609.23	0.01089		
567424.60	4219609.23	0.01320	567024.60
4219659.23	0.00519		
567074.60	4219659.23	0.00508	567124.60
4219659.23	0.00564		
567174.60	4219659.23	0.00640	567224.60

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219659.23	0.00750			
	567274.60	4219659.23	0.00846	567324.60
4219659.23	0.00966			
	567374.60	4219659.23	0.01143	567424.60
4219659.23	0.01455			
	567024.60	4219709.23	0.00556	567074.60
4219709.23	0.00534			
	567124.60	4219709.23	0.00580	567174.60
4219709.23	0.00666			
	567224.60	4219709.23	0.00748	567274.60
4219709.23	0.00862			
	567324.60	4219709.23	0.01000	567374.60
4219709.23	0.01208			
	567424.60	4219709.23	0.01606	567024.60
4219759.23	0.00564			
	567074.60	4219759.23	0.00564	567124.60
4219759.23	0.00616			
	567174.60	4219759.23	0.00718	567224.60
4219759.23	0.00761			
	567274.60	4219759.23	0.00858	567324.60
4219759.23	0.00990			
	567374.60	4219759.23	0.01269	567024.60
4219809.23	0.00632			
	567074.60	4219809.23	0.00618	567124.60
4219809.23	0.00642			
	567174.60	4219809.23	0.00693	567224.60
4219809.23	0.00779			
	567274.60	4219809.23	0.00863	567324.60
4219809.23	0.00926			
	567374.60	4219809.23	0.01021	567524.55
4219458.98	0.01342			
	567574.55	4219458.98	0.01567	567624.55
4219458.98	0.01812			
	567674.55	4219458.98	0.01998	567724.55
4219458.98	0.01537			
	567774.55	4219458.98	0.01534	567824.55
4219458.98	0.01740			
	567874.55	4219458.98	0.01509	567924.55
4219458.98	0.01511			
	567524.55	4219508.98	0.01390	567574.55
4219508.98	0.01630			
	567624.55	4219508.98	0.01898	567674.55
4219508.98	0.02104			
	567724.55	4219508.98	0.01665	567774.55
4219508.98	0.01677			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:46:01

PAGE 53

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567824.55	4219508.98	0.02169	567874.55
4219508.98	0.01781		
567924.55	4219508.98	0.01673	567524.55
4219558.98	0.01471		
567574.55	4219558.98	0.01660	567624.55
4219558.98	0.01910		
567674.55	4219558.98	0.01965	567724.55
4219558.98	0.01619		
567774.55	4219558.98	0.02110	567824.55
4219558.98	0.03213		
567874.55	4219558.98	0.02388	567924.55
4219558.98	0.01926		
567524.55	4219608.98	0.01508	567574.55
4219608.98	0.01485		
567624.55	4219608.98	0.01654	567674.55
4219608.98	0.01582		
567724.55	4219608.98	0.01896	567774.55
4219608.98	0.03263		
567824.55	4219608.98	0.04148	567874.55
4219608.98	0.03892		
567924.55	4219608.98	0.03041	567524.55

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219658.98	0.01671			
567574.55	4219658.98	0.01540		567624.55
4219658.98	0.01544			
567674.55	4219658.98	0.01556		567724.55
4219658.98	0.02532			
567774.55	4219658.98	0.03943		567824.55
4219658.98	0.04659			
567874.55	4219658.98	0.04767		567924.55
4219658.98	0.04484			
567624.55	4219708.98	0.02155		567674.55
4219708.98	0.02411			
567724.55	4219708.98	0.03214		567774.55
4219708.98	0.04391			
567824.55	4219708.98	0.05333		567874.55
4219708.98	0.05647			
567924.55	4219708.98	0.05330		567674.55
4219758.98	0.03227			
567724.55	4219758.98	0.03877		567774.55
4219758.98	0.04942			
567824.55	4219758.98	0.06118		567874.55
4219758.98	0.06729			
567924.55	4219758.98	0.06331		567924.57
4219458.79	0.01511			
567974.57	4219458.79	0.01732		568024.57
4219458.79	0.01339			
568074.57	4219458.79	0.01157		567924.57
4219508.79	0.01672			
567974.57	4219508.79	0.01818		568024.57
4219508.79	0.01810			
568074.57	4219508.79	0.01685		567924.57
4219558.79	0.01924			
567974.57	4219558.79	0.01905		568024.57
4219558.79	0.02002			
568074.57	4219558.79	0.02404		567924.57
4219608.79	0.03033			
567974.57	4219608.79	0.02779		568024.57
4219608.79	0.02711			
568074.57	4219608.79	0.02831		567924.57
4219658.79	0.04480			
567974.57	4219658.79	0.04097		568024.57
4219658.79	0.03615			
568074.57	4219658.79	0.03162		567924.57
4219708.79	0.05326			
567974.57	4219708.79	0.04811		568024.57
4219708.79	0.04110			
568074.57	4219708.79	0.03559		568124.57
4219708.79	0.03042			
567924.57	4219758.79	0.06327		567974.57

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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4219758.79      0.05588
      568024.57    4219758.79      0.04758      568074.57
4219758.79      0.04120
      568124.57    4219758.79      0.03180      567924.57
4219808.79      0.07629
      567974.57    4219808.79      0.06647      568024.57
4219808.79      0.05753
      568074.57    4219808.79      0.04726      568124.57
4219808.79      0.03380
      567924.57    4219858.79      0.09418      567974.57
4219858.79      0.08116

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01/16/19

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*** AERMET - VERSION 14134 *** ***
***                               14:46:01

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PAGE 54

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

```

          INCLUDING SOURCE(S):  L0048843  , L0048844
, L0048845  , L0048846  , L0048847  ,
          L0048848  , L0048849  , L0048850  , L0048851  , L0048852
, L0048853  , L0048854  , L0048855  ,
          L0048856  , L0048857  , L0048858  , L0048859  , L0048860
, L0048861  , L0048862  , L0048863  ,
          L0048864  , L0048865  , L0048866  , L0048867  , L0048868
, L0048869  , L0048870  , . . . ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

```

          X-COORD (M)  Y-COORD (M)      CONC      X-COORD (M)
Y-COORD (M)      CONC
-----
          568024.57    4219858.79      0.07015      568074.57
4219858.79      0.05412
          568124.57    4219858.79      0.03991      567924.57
4219908.79      0.12285
          567974.57    4219908.79      0.10484      568024.57
4219908.79      0.08576
          568074.57    4219908.79      0.06341      568124.57

```



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219908.79	0.05098			
	567924.57	4219958.79	0.17281	567974.57
4219958.79	0.14698			
	568024.57	4219958.79	0.10577	568074.57
4219958.79	0.07877			
	568124.57	4219958.79	0.06537	567924.57
4220008.79	0.26246			
	567974.57	4220008.79	0.20729	568024.57
4220008.79	0.13318			
	568074.57	4220008.79	0.10155	568124.57
4220008.79	0.08213			
	567924.57	4220058.79	0.44496	567974.57
4220058.79	0.31184			
	568024.57	4220058.79	0.18542	568074.57
4220058.79	0.13420			
	568124.57	4220058.79	0.11613	567924.57
4220108.79	0.89892			
	567974.57	4220108.79	0.53205	568024.57
4220108.79	0.33392			
	568074.57	4220108.79	0.23619	568124.57
4220108.79	0.16914			
	567924.57	4220158.79	2.71971	567974.57
4220158.79	1.43849			
	568024.57	4220158.79	0.68071	568074.57
4220158.79	0.39345			
	568124.57	4220158.79	0.25945	568124.99
4219708.95	0.03038			
	568174.99	4219708.95	0.02346	568224.99
4219708.95	0.01909			
	568274.99	4219708.95	0.01788	568324.99
4219708.95	0.01614			
	568374.99	4219708.95	0.01574	568424.99
4219708.95	0.01416			
	568474.99	4219708.95	0.01273	568524.99
4219708.95	0.01170			
	568124.99	4219758.95	0.03169	568174.99
4219758.95	0.02254			
	568224.99	4219758.95	0.02009	568274.99
4219758.95	0.01684			
	568324.99	4219758.95	0.01657	568374.99
4219758.95	0.01562			
	568424.99	4219758.95	0.01477	568474.99
4219758.95	0.01461			
	568524.99	4219758.95	0.01463	568124.99
4219808.95	0.03370			
	568174.99	4219808.95	0.02709	568224.99
4219808.95	0.02342			
	568274.99	4219808.95	0.01930	568324.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219808.95	0.01721			
	568374.99	4219808.95	0.01671	568424.99
4219808.95	0.01657			
	568474.99	4219808.95	0.01560	568524.99
4219808.95	0.01783			
	568124.99	4219858.95	0.03988	568174.99
4219858.95	0.03564			
	568224.99	4219858.95	0.03013	568274.99
4219858.95	0.02253			
	568324.99	4219858.95	0.01909	568374.99
4219858.95	0.02023			
	568424.99	4219858.95	0.01886	568474.99
4219858.95	0.01686			
	568524.99	4219858.95	0.01966	568124.99
4219908.95	0.05097			
	568174.99	4219908.95	0.04288	568224.99
4219908.95	0.03325			
	568274.99	4219908.95	0.02628	568324.99
4219908.95	0.02344			
	568374.99	4219908.95	0.02431	568424.99
4219908.95	0.02404			
	568474.99	4219908.95	0.02381	568524.99
4219908.95	0.02289			
	568124.99	4219958.95	0.06533	568174.99
4219958.95	0.05517			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 55

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
, L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
, L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
, L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
4219958.95	568224.99	4219958.95	0.04577	568274.99
4219958.95	568324.99	4219958.95	0.03172	568374.99
4219958.95	568424.99	4219958.95	0.03078	568474.99
4220008.95	568524.99	4219958.95	0.02512	568124.99
4220008.95	568174.99	4220008.95	0.07484	568224.99
4220008.95	568274.99	4220008.95	0.05304	568324.99
4220008.95	568374.99	4220008.95	0.03869	568424.99
4220008.95	568474.99	4220008.95	0.03197	568524.99
4220058.95	568124.99	4220058.95	0.11620	568174.99
4220058.95	568224.99	4220058.95	0.07937	568274.99
4220058.95	568324.99	4220058.95	0.05623	568374.99
4220058.95	568424.99	4220058.95	0.04196	568474.99
4220108.95	568524.99	4220058.95	0.02773	568124.99
4220108.95	568174.99	4220108.95	0.12917	568224.99
4220108.95	568274.99	4220108.95	0.08388	568324.99
4220108.95	568374.99	4220108.95	0.05886	568424.99
4220108.95	568474.99	4220108.95	0.03870	568524.99
4220158.95	568124.99	4220158.95	0.25902	568174.99
4220158.95	568224.99	4220158.95	0.13858	568274.99
4220158.95	568324.99	4220158.95	0.08805	568374.99
4220158.95	568424.99	4220158.95	0.06083	568474.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220158.95	0.05215			
568524.99	4220158.95	0.04501		568124.99
4220208.95	0.36811			
568174.99	4220208.95	0.24284		568224.99
4220208.95	0.17479			
568274.99	4220208.95	0.13196		568324.99
4220208.95	0.10397			
568374.99	4220208.95	0.08408		568424.99
4220208.95	0.06973			
568474.99	4220208.95	0.05943		568524.99
4220208.95	0.05107			
568124.99	4220258.95	0.34786		568174.99
4220258.95	0.24670			
568224.99	4220258.95	0.17478		568274.99
4220258.95	0.13750			
568324.99	4220258.95	0.10985		568374.99
4220258.95	0.08923			
568424.99	4220258.95	0.07413		568474.99
4220258.95	0.06256			
568524.99	4220258.95	0.05362		568124.99
4220308.95	0.26252			
568174.99	4220308.95	0.19779		568224.99
4220308.95	0.15512			
568274.99	4220308.95	0.12675		568324.99
4220308.95	0.10346			
568374.99	4220308.95	0.08576		568424.99
4220308.95	0.07249			
568474.99	4220308.95	0.06183		568524.99
4220308.95	0.05339			
568124.99	4220358.95	0.20825		568174.99
4220358.95	0.16141			
568224.99	4220358.95	0.12976		568274.99
4220358.95	0.10822			
568324.99	4220358.95	0.09187		568374.99
4220358.95	0.07802			
568424.99	4220358.95	0.06646		568474.99
4220358.95	0.05778			
568524.99	4220358.95	0.05087		568124.99
4220408.95	0.16976			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 56

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
568174.99	4220408.95	0.13380	568224.99
4220408.95	0.10951		
568274.99	4220408.95	0.09162	568324.99
4220408.95	0.07772		
568374.99	4220408.95	0.06734	568424.99
4220408.95	0.05959		
568474.99	4220408.95	0.05303	568524.99
4220408.95	0.04725		
568124.99	4220458.95	0.14259	568174.99
4220458.95	0.11264		
568224.99	4220458.95	0.09246	568274.99
4220458.95	0.07883		
568324.99	4220458.95	0.06852	568374.99
4220458.95	0.05985		
568424.99	4220458.95	0.05294	568474.99
4220458.95	0.04747		
568524.99	4220458.95	0.04294	568124.99
4220508.95	0.12092		
568174.99	4220508.95	0.09864	568224.99
4220508.95	0.08183		
568274.99	4220508.95	0.06953	568324.99
4220508.95	0.06062		
568374.99	4220508.95	0.05386	568424.99
4220508.95	0.04798		
568474.99	4220508.95	0.04284	568524.99
4220508.95	0.03861		
568124.99	4220558.95	0.10406	568174.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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4220558.95      0.08755
      568224.99    4220558.95      0.07343      568274.99
4220558.95      0.06218
      568324.99    4220558.95      0.05425      568374.99
4220558.95      0.04813
      568424.99    4220558.95      0.04337      568474.99
4220558.95      0.03928
      568524.99    4220558.95      0.03545      568124.99
4220608.95      0.08856
      568174.99    4220608.95      0.07687      568224.99
4220608.95      0.06601
      568274.99    4220608.95      0.05627      568324.99
4220608.95      0.04899
      568374.99    4220608.95      0.04335      567040.21
4220658.17      0.01119
      567090.21    4220658.17      0.01216      567140.21
4220658.17      0.01314

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^ *** AERMOD - VERSION 18081 *** ***
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01/16/19

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*** AERMET - VERSION 14134 *** ***
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                               14:46:01

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PAGE 57

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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                               INCLUDING SOURCE(S):   L0048843   , L0048844
, L0048845   , L0048846   , L0048847   ,
              L0048848   , L0048849   , L0048850   , L0048851   , L0048852
, L0048853   , L0048854   , L0048855   ,
              L0048856   , L0048857   , L0048858   , L0048859   , L0048860
, L0048861   , L0048862   , L0048863   ,
              L0048864   , L0048865   , L0048866   , L0048867   , L0048868
, L0048869   , L0048870   , . . .   ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

```

      X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)      X-COORD (M)
      Y-COORD (M)      CONC      (YYMMDDHH)
-----
      567539.85  4220159.17      5.07741  (11011605)      567589.85

```

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220159.17	5.99876 (10020203)			
567639.85	4220159.17	7.10990 (10020124)		567539.85
4220209.17	5.11272 (11011708)			
567589.85	4220209.17	6.12221 (10012320)		567639.85
4220209.17	7.25780 (11011708)			
567539.85	4220259.17	5.09182 (11011604)		567589.85
4220259.17	6.20423 (11011604)			
567639.85	4220259.17	7.08250 (10120420)		567689.85
4220259.17	8.75970 (10020504)			
567539.85	4220309.17	4.92803 (10022822)		567589.85
4220309.17	5.86593 (12120323)			
567639.85	4220309.17	6.83988 (09021308)		567689.85
4220309.17	7.88560 (10011420)			
567539.85	4220359.17	4.76202 (09012306)		567589.85
4220359.17	5.42867 (12120220)			
567639.85	4220359.17	6.39463 (10020524)		567689.85
4220359.17	7.47090 (09121818)			
567739.85	4220359.17	9.78729 (12120521)		567539.85
4220409.17	4.47062 (10020524)			
567589.85	4220409.17	5.29502 (12022808)		567639.85
4220409.17	6.16904 (12120505)			
567689.85	4220409.17	6.65522 (12120521)		567739.85
4220409.17	8.30684 (09012401)			
567539.85	4220459.17	4.46868 (09121818)		567589.85
4220459.17	4.96758 (09010205)			
567639.85	4220459.17	5.48065 (11012518)		567689.85
4220459.17	5.97109 (09012401)			
567739.85	4220459.17	6.94312 (13012406)		567539.85
4220509.17	5.07288 (09122308)			
567589.85	4220509.17	4.56466 (09020522)		567639.85
4220509.17	5.12097 (09012401)			
567689.85	4220509.17	5.25592 (11122818)		567739.85
4220509.17	5.91167 (10020219)			
567539.85	4220559.17	3.80145 (09020522)		567589.85
4220559.17	4.17367 (09012401)			
567639.85	4220559.17	4.41217 (13020307)		567689.85
4220559.17	4.58996 (10010107)			
567739.85	4220559.17	4.90797 (12012320)		567789.85
4220559.17	5.51930 (11011722)			
567539.85	4220609.17	3.46924 (09012401)		567589.85
4220609.17	3.60816 (13020307)			
567639.85	4220609.17	3.86793 (09123123)		567689.85
4220609.17	4.07524 (10122624)			
567739.85	4220609.17	4.29587 (12021620)		567789.85
4220609.17	4.85628 (12012524)			
567040.05	4219808.62	2.27781 (10011121)		567090.05
4219808.62	2.41821 (10021601)			
567140.05	4219808.62	2.51385 (10120124)		567190.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219808.62	2.60087	(11010720)			
567240.05	4219808.62	2.61458	(10021204)	567290.05	
4219808.62	2.64751	(10121306)			
567340.05	4219808.62	2.83881	(10020108)	567040.05	
4219858.62	2.11857	(10012808)			
567090.05	4219858.62	2.50637	(09020508)	567140.05	
4219858.62	2.63748	(10010206)			
567190.05	4219858.62	2.78439	(10021601)	567240.05	
4219858.62	2.89258	(10120124)			
567290.05	4219858.62	3.13946	(12020522)	567340.05	
4219858.62	3.40173	(11020706)			
567390.05	4219858.62	3.53130	(09122803)	567040.05	
4219908.62	1.74395	(13012922)			
567090.05	4219908.62	2.02253	(11122708)	567140.05	
4219908.62	2.67302	(10010922)			
567190.05	4219908.62	2.86553	(09020508)	567240.05	
4219908.62	3.11879	(10010206)			
567290.05	4219908.62	3.31071	(10011121)	567340.05	
4219908.62	3.47017	(10120124)			
567390.05	4219908.62	3.43283	(12020522)	567440.05	
4219908.62	3.81731	(11020706)			
567490.05	4219908.62	3.89393	(10020108)	567040.05	
4219958.62	1.97176	(09120324)			
567090.05	4219958.62	2.17143	(09011605)	567140.05	
4219958.62	2.42608	(13012922)			
567190.05	4219958.62	2.98394	(13012922)	567240.05	
4219958.62	3.12302	(13122818)			
567290.05	4219958.62	3.25916	(10012808)	567340.05	
4219958.62	3.30531	(09020508)			
567390.05	4219958.62	3.30830	(10011121)	567440.05	
4219958.62	3.89597	(10120124)			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 58

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567490.05	4219958.62	4.13656	(10021204)	567040.05
4220008.62	2.14142 (11010721)			
567090.05	4220008.62	2.48389	(09020407)	567140.05
4220008.62	2.82808 (12020119)			
567190.05	4220008.62	2.94343	(12020819)	567240.05
4220008.62	2.99370 (12020819)			
567290.05	4220008.62	2.81671	(09011605)	567340.05
4220008.62	3.05211 (13012922)			
567390.05	4220008.62	3.23868	(10010922)	567440.05
4220008.62	3.92438 (10020521)			
567490.05	4220008.62	5.00925	(10010206)	567540.05
4220008.62	4.21463 (12120406)			
567040.05	4220058.62	1.85608	(09022020)	567090.05
4220058.62	2.15508 (12011501)			
567140.05	4220058.62	2.79935	(12011501)	567190.05
4220058.62	3.03498 (11011602)			
567240.05	4220058.62	2.94783	(11010721)	567290.05
4220058.62	2.79945 (11010721)			
567340.05	4220058.62	3.03400	(12020119)	567390.05
4220058.62	3.53203 (12020819)			
567440.05	4220058.62	4.58371	(09011605)	567490.05
4220058.62	4.36814 (13012922)			
567540.05	4220058.62	4.68785	(10010922)	567040.05
4220108.62	2.03546 (11011605)			
567090.05	4220108.62	2.64454	(11011605)	567140.05
4220108.62	2.88339 (09011019)			
567190.05	4220108.62	3.10561	(09011019)	567240.05
4220108.62	3.02611 (09011520)			
567290.05	4220108.62	2.89804	(09011520)	567340.05
4220108.62	3.11579 (11122003)			
567390.05	4220108.62	3.65919	(12011501)	567440.05
4220108.62	4.82289 (11011602)			
567490.05	4220108.62	4.20357	(11010721)	567540.05
4220108.62	4.82574 (09022724)			
567040.05	4220158.62	2.21063	(11020623)	567090.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220158.62	2.65645	(11020623)			
567140.05	4220158.62		2.96693	(11020623)	567190.05
4220158.62	3.01221	(11020623)			
567240.05	4220158.62		2.87234	(10013119)	567290.05
4220158.62	2.95731	(10013119)			
567340.05	4220158.62		3.30608	(10013119)	567390.05
4220158.62	4.16319	(10022623)			
567440.05	4220158.62		4.52320	(11120519)	567490.05
4220158.62	4.32817	(09011203)			
567540.05	4220158.62		5.07263	(11011605)	567040.05
4220208.62	2.12423	(09121517)			
567090.05	4220208.62		2.68881	(09121517)	567140.05
4220208.62	2.89671	(09121517)			
567190.05	4220208.62		3.00567	(12010318)	567240.05
4220208.62	2.85374	(12010318)			
567290.05	4220208.62		3.01409	(12010318)	567340.05
4220208.62	3.80092	(12010318)			
567390.05	4220208.62		4.24748	(11011708)	567440.05
4220208.62	3.89554	(11011708)			
567490.05	4220208.62		4.34634	(11011708)	567540.05
4220208.62	5.11456	(11011708)			
567040.05	4220258.62		2.42375	(10021124)	567090.05
4220258.62	2.76846	(10021124)			
567140.05	4220258.62		2.97103	(10021124)	567190.05
4220258.62	2.85114	(10021124)			
567240.05	4220258.62		2.90788	(10020202)	567290.05
4220258.62	3.58038	(10020202)			
567340.05	4220258.62		3.91391	(10020202)	567390.05
4220258.62	3.23359	(12122219)			
567440.05	4220258.62		3.77646	(10020908)	567490.05
4220258.62	4.39560	(10020908)			
567540.05	4220258.62		5.07283	(11011604)	567040.05
4220308.62	2.47691	(10021805)			
567090.05	4220308.62		2.77210	(10021805)	567140.05
4220308.62	2.67178	(09120421)			
567190.05	4220308.62		2.73470	(09120421)	567240.05
4220308.62	3.39052	(10120422)			
567290.05	4220308.62		3.65253	(10120422)	567340.05
4220308.62	3.23497	(10120420)			
567390.05	4220308.62		3.19273	(10120420)	567440.05
4220308.62	3.76300	(10020504)			
567490.05	4220308.62		4.14639	(13122318)	567540.05
4220308.62	4.93333	(10022822)			
567040.05	4220358.62		2.57615	(10120420)	567090.05
4220358.62	2.70371	(10120420)			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 14:46:01

PAGE 59

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
567140.05	4220358.62	2.94008	(09011519)	567190.05
4220358.62	3.17537 (10020504)			
567240.05	4220358.62	3.13779	(10020504)	567290.05
4220358.62	2.86621 (12012319)			
567340.05	4220358.62	2.89805	(10022822)	567390.05
4220358.62	3.19297 (09010606)			
567440.05	4220358.62	3.59107	(12120323)	567490.05
4220358.62	4.05950 (09010418)			
567540.05	4220358.62	4.77784	(09012306)	567040.05
4220408.62	2.52167 (13120318)			
567090.05	4220408.62	2.57644	(12012319)	567140.05
4220408.62	2.71883 (12012319)			
567190.05	4220408.62	2.97118	(11011419)	567240.05
4220408.62	2.94785 (12120323)			
567290.05	4220408.62	3.08774	(12120323)	567340.05
4220408.62	3.31853 (09010418)			
567390.05	4220408.62	3.65304	(09012306)	567440.05
4220408.62	3.88886 (12120720)			
567490.05	4220408.62	3.83855	(12010806)	567540.05
4220408.62	4.48429 (10020524)			
567040.05	4220458.62	2.40593	(09010606)	567090.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220458.62	2.36594	(12120323)			
567140.05	4220458.62		2.67022	(11020219)	567190.05
4220458.62	2.90863	(09010418)			
567240.05	4220458.62		3.17634	(13012304)	567290.05
4220458.62	3.34984	(09012306)			
567340.05	4220458.62		3.51219	(13122119)	567390.05
4220458.62	3.77136	(09011419)			
567440.05	4220458.62		3.59481	(10020524)	567490.05
4220458.62	3.87468	(12022808)			
567540.05	4220458.62		4.47478	(09121818)	567040.05
4220508.62	1.98243	(09010418)			
567090.05	4220508.62		1.83671	(09021308)	567140.05
4220508.62	2.27525	(09012306)			
567190.05	4220508.62		2.77296	(12120720)	567240.05
4220508.62	3.13843	(13122119)			
567290.05	4220508.62		3.38955	(09011419)	567340.05
4220508.62	3.72417	(10020524)			
567390.05	4220508.62		3.42507	(12022808)	567440.05
4220508.62	3.54982	(10010219)			
567490.05	4220508.62		4.83557	(12120505)	567540.05
4220508.62	5.09478	(09122308)			
567040.05	4220558.62		1.54829	(12120319)	567090.05
4220558.62	1.65099	(10011420)			
567140.05	4220558.62		1.76652	(12120220)	567190.05
4220558.62	2.34663	(10013123)			
567240.05	4220558.62		3.04039	(10020524)	567290.05
4220558.62	3.29963	(13021419)			
567340.05	4220558.62		3.69382	(12120404)	567390.05
4220558.62	3.23543	(12012919)			
567440.05	4220558.62		3.77842	(09010205)	567490.05
4220558.62	4.54730	(12120521)			
567540.05	4220558.62		3.80414	(09020522)	567040.05
4220608.62	1.49136	(12120220)			
567090.05	4220608.62		1.62105	(10013123)	567140.05
4220608.62	1.74438	(10020524)			
567190.05	4220608.62		2.30026	(13021419)	567240.05
4220608.62	3.03792	(11021019)			
567290.05	4220608.62		3.28324	(10010219)	567340.05
4220608.62	3.02713	(12120505)			
567390.05	4220608.62		2.63018	(09010205)	567440.05
4220608.62	2.93130	(12120521)			
567490.05	4220608.62		3.21956	(09020522)	567540.05
4220608.62	3.47134	(09012401)			
567040.05	4220658.62		1.48647	(10020524)	567090.05
4220658.62	1.54579	(11122317)			
567140.05	4220658.62		1.75404	(12022808)	567190.05
4220658.62	2.30176	(12120404)			
567240.05	4220658.62		2.73688	(12012919)	567290.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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4220658.62      3.04141 (13022722)
      567340.05  4220658.62      2.89927 (09122308)      567390.05
4220658.62      2.60858 (12120521)
      567440.05  4220658.62      2.74067 (09020522)      567490.05
4220658.62      2.90945 (09012401)
      567540.05  4220658.62      3.06648 (10021622)      567024.60
4219459.23      1.61596 (13122121)
      567074.60  4219459.23      1.37326 (10011124)      567124.60
4219459.23      1.18317 (13122224)
      567174.60  4219459.23      1.23236 (10010704)      567224.60
4219459.23      1.31949 (13010908)

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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

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*** AERMET - VERSION 14134 *** ***
***                               14:46:01

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PAGE 60

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                                INCLUDING SOURCE(S):  L0048843 , L0048844
, L0048845 , L0048846 , L0048847 ,
      L0048848 , L0048849 , L0048850 , L0048851 , L0048852
, L0048853 , L0048854 , L0048855 ,
      L0048856 , L0048857 , L0048858 , L0048859 , L0048860
, L0048861 , L0048862 , L0048863 ,
      L0048864 , L0048865 , L0048866 , L0048867 , L0048868
, L0048869 , L0048870 , . . . ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YMMDDHH)		
567274.60	4219459.23	1.40539 (09020622)	567324.60
4219459.23	1.44432 (13012305)		
567374.60	4219459.23	1.46472 (13011307)	567424.60
4219459.23	1.55175 (11121807)		
567024.60	4219509.23	1.82720 (10011002)	567074.60
4219509.23	1.74339 (13122121)		
567124.60	4219509.23	1.45318 (10011124)	567174.60

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219509.23	1.30698 (13122224)			
567224.60	4219509.23	1.34898 (10010704)		567274.60
4219509.23	1.44962 (13010908)			
567324.60	4219509.23	1.53587 (09020622)		567374.60
4219509.23	1.62094 (13012305)			
567424.60	4219509.23	1.66366 (10022301)		567024.60
4219559.23	1.83716 (10121002)			
567074.60	4219559.23	1.85043 (10011002)		567124.60
4219559.23	1.64223 (10020824)			
567174.60	4219559.23	1.43197 (13010823)		567224.60
4219559.23	1.44671 (13122224)			
567274.60	4219559.23	1.48554 (10010704)		567324.60
4219559.23	1.60293 (13010908)			
567374.60	4219559.23	1.70134 (11012508)		567424.60
4219559.23	1.79786 (13012305)			
567024.60	4219609.23	1.40892 (09122803)		567074.60
4219609.23	1.74333 (10121002)			
567124.60	4219609.23	1.59098 (13120920)		567174.60
4219609.23	1.59476 (10020824)			
567224.60	4219609.23	1.52354 (13120319)		567274.60
4219609.23	1.60622 (13122224)			
567324.60	4219609.23	1.64924 (10010704)		567374.60
4219609.23	1.78523 (13010908)			
567424.60	4219609.23	1.91435 (11012508)		567024.60
4219659.23	1.54061 (10121306)			
567074.60	4219659.23	1.73452 (09122803)		567124.60
4219659.23	1.69414 (10020108)			
567174.60	4219659.23	1.71695 (10121002)		567224.60
4219659.23	1.62229 (10011002)			
567274.60	4219659.23	1.70108 (11121018)		567324.60
4219659.23	1.80249 (10011124)			
567374.60	4219659.23	1.84652 (10010704)		567424.60
4219659.23	2.00297 (13010908)			
567024.60	4219709.23	1.71732 (11010720)		567074.60
4219709.23	1.99390 (11020706)			
567124.60	4219709.23	1.97064 (10121306)		567174.60
4219709.23	1.74273 (09122803)			
567224.60	4219709.23	1.88036 (10121002)		567274.60
4219709.23	1.83963 (10011002)			
567324.60	4219709.23	1.92329 (11121018)		567374.60
4219709.23	2.07004 (10011124)			
567424.60	4219709.23	2.08405 (10010704)		567024.60
4219759.23	2.04884 (10120124)			
567074.60	4219759.23	2.23925 (12120406)		567124.60
4219759.23	2.24925 (10021204)			
567174.60	4219759.23	2.04764 (11020706)		567224.60
4219759.23	2.12983 (09122803)			
567274.60	4219759.23	2.12455 (10020108)		567324.60

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219759.23	2.23672	(10121002)			
567374.60	4219759.23		2.52158	(10020824)	567024.60
4219809.23	2.13085	(10010206)			
567074.60	4219809.23		2.33223	(10011121)	567124.60
4219809.23	2.48518	(10120124)			
567174.60	4219809.23		2.59932	(12120406)	567224.60
4219809.23	2.64312	(10021204)			
567274.60	4219809.23		2.60998	(10121306)	567324.60
4219809.23	2.71796	(09122803)			
567374.60	4219809.23		3.21962	(10121002)	567524.55
4219458.98	1.74013	(11011623)			
567574.55	4219458.98		1.75341	(13122924)	567624.55
4219458.98	2.10288	(10120222)			
567674.55	4219458.98		2.76464	(11012120)	567724.55
4219458.98	2.52220	(12120620)			
567774.55	4219458.98		2.36531	(09010202)	567824.55
4219458.98	2.38252	(10020104)			
567874.55	4219458.98		2.42810	(12020121)	567924.55
4219458.98	2.50740	(10122708)			
567524.55	4219508.98		1.84744	(11122903)	567574.55
4219508.98	1.94127	(09020619)			
567624.55	4219508.98		2.31687	(11012908)	567674.55
4219508.98	3.01545	(10020905)			
567724.55	4219508.98		2.70917	(10012321)	567774.55
4219508.98	2.56154	(13022708)			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 61

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567824.55	4219508.98	2.78598	(10020104)	567874.55
4219508.98	2.64621	(12020121)		
567924.55	4219508.98	2.70065	(10122708)	567524.55
4219558.98	1.94200	(12120724)		
567574.55	4219558.98	2.29924	(11011623)	567624.55
4219558.98	2.93292	(10021724)		
567674.55	4219558.98	3.30888	(10120222)	567724.55
4219558.98	2.70245	(11022106)		
567774.55	4219558.98	3.04475	(10012906)	567824.55
4219558.98	3.68388	(13010304)		
567874.55	4219558.98	3.10508	(10021404)	567924.55
4219558.98	2.95881	(10122708)		
567524.55	4219608.98	2.58741	(11121807)	567574.55
4219608.98	3.20829	(11122903)		
567624.55	4219608.98	3.44244	(09020619)	567674.55
4219608.98	3.08518	(11012908)		
567724.55	4219608.98	3.10295	(12022206)	567774.55
4219608.98	3.79143	(12020808)		
567824.55	4219608.98	3.22695	(12022004)	567874.55
4219608.98	3.94493	(10021404)		
567924.55	4219608.98	3.92086	(10122708)	567524.55
4219658.98	2.69827	(13010321)		
567574.55	4219658.98	3.42932	(12021624)	567624.55
4219658.98	3.61308	(09010504)		
567674.55	4219658.98	3.20946	(10021724)	567724.55
4219658.98	3.89584	(10020905)		
567774.55	4219658.98	3.69068	(10012321)	567824.55
4219658.98	3.06231	(09010202)		
567874.55	4219658.98	3.15744	(10021908)	567924.55
4219658.98	3.16156	(10120902)		
567624.55	4219708.98	3.59656	(09010507)	567674.55
4219708.98	4.24983	(09020619)		
567724.55	4219708.98	4.35585	(10021723)	567774.55
4219708.98	3.28221	(09022001)		
567824.55	4219708.98	3.48215	(12020602)	567874.55
4219708.98	3.61672	(10021908)		
567924.55	4219708.98	3.64313	(10120902)	567674.55
4219758.98	3.36710	(11122903)		
567724.55	4219758.98	3.56457	(10021707)	567774.55
4219758.98	3.79290	(12022206)		
567824.55	4219758.98	3.93044	(09022105)	567874.55



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219758.98	4.14471	(09121608)			
567924.55	4219758.98		4.19376	(10120902)	567924.57
4219458.79	2.50649	(10122708)			
567974.57	4219458.79		2.94686	(09011720)	568024.57
4219458.79	2.74556	(11010303)			
568074.57	4219458.79		2.60274	(10010124)	567924.57
4219508.79	2.69998	(10122708)			
567974.57	4219508.79		3.07087	(09011720)	568024.57
4219508.79	3.28104	(13020122)			
568074.57	4219508.79		3.38903	(09121708)	567924.57
4219558.79	2.95732	(10122708)			
567974.57	4219558.79		3.14975	(09011720)	568024.57
4219558.79	3.76372	(13020122)			
568074.57	4219558.79		3.52013	(10012905)	567924.57
4219608.79	3.91665	(10122708)			
567974.57	4219608.79		4.14115	(10121307)	568024.57
4219608.79	4.11574	(11012902)			
568074.57	4219608.79		2.98798	(12121607)	567924.57
4219658.79	3.15921	(10120902)			
567974.57	4219658.79		3.52041	(10121307)	568024.57
4219658.79	3.40634	(11122705)			
568074.57	4219658.79		3.36393	(12022108)	567924.57
4219708.79	3.64084	(10120902)			
567974.57	4219708.79		4.00087	(10121307)	568024.57
4219708.79	3.89880	(10010124)			
568074.57	4219708.79		3.67281	(09022824)	568124.57
4219708.79	3.63654	(12021202)			
567924.57	4219758.79		4.19124	(10120902)	567974.57
4219758.79	4.44838	(12121524)			
568024.57	4219758.79		4.36950	(09121708)	568074.57
4219758.79	4.42314	(10121107)			
568124.57	4219758.79		4.72976	(12013106)	567924.57
4219808.79	4.86552	(10120902)			
567974.57	4219808.79		5.15403	(11011917)	568024.57
4219808.79	5.14405	(12121607)			
568074.57	4219808.79		4.98072	(13012508)	568124.57
4219808.79	5.60296	(12010303)			
567924.57	4219858.79		5.72072	(10120902)	567974.57
4219858.79	6.11883	(11011917)			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 62

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0048843 , L0048844

, L0048845 , L0048846 , L0048847 ,  
 , L0048853 , L0048854 , L0048855 ,  
 , L0048861 , L0048862 , L0048863 ,  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
568024.57	4219858.79	6.30169	(12022108)	568074.57
4219858.79	5.95563	(11011324)		
568124.57	4219858.79	6.41252	(10121104)	567924.57
4219908.79	6.97243	(10120902)		
567974.57	4219908.79	7.43195	(11012902)	568024.57
4219908.79	7.70459	(10121107)		
568074.57	4219908.79	6.88160	(12010303)	568124.57
4219908.79	7.39817	(10022503)		
567924.57	4219958.79	8.91261	(10120902)	567974.57
4219958.79	9.93618	(11122705)		
568024.57	4219958.79	9.22345	(12122401)	568074.57
4219958.79	8.55534	(09122024)		
568124.57	4219958.79	8.57996	(13010423)	567924.57
4220008.79	12.14548	(12012623)		
567974.57	4220008.79	13.41513	(09121708)	568024.57
4220008.79	11.76484	(11012724)		
568074.57	4220008.79	11.76853	(11011318)	568124.57
4220008.79	10.12535	(10020624)		
567924.57	4220058.79	17.69386	(12012623)	567974.57
4220058.79	19.07055	(12022108)		
568024.57	4220058.79	16.59162	(12010308)	568074.57
4220058.79	14.85604	(10020624)		
568124.57	4220058.79	11.87690	(12012403)	567924.57
4220108.79	28.61995	(10021908)		
567974.57	4220108.79	30.92668	(11011324)	568024.57
4220108.79	23.91766	(10020624)		
568074.57	4220108.79	17.15215	(10121105)	568124.57

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220108.79	9.95340 (11022423)			
567924.57	4220158.79	62.27302	(13012501)	567974.57
4220158.79	63.90175 (10121106)			
568024.57	4220158.79	28.62825	(10020706)	568074.57
4220158.79	16.82535 (09012321)			
568124.57	4220158.79	11.25596	(12021822)	568124.99
4219708.95	3.63875 (12021202)			
568174.99	4219708.95	3.99171	(12010303)	568224.99
4219708.95	4.50716 (09122024)			
568274.99	4219708.95	4.37422	(13010302)	568324.99
4219708.95	4.01711 (13010423)			
568374.99	4219708.95	3.82986	(12020719)	568424.99
4219708.95	3.55259 (13021001)			
568474.99	4219708.95	3.35646	(12013105)	568524.99
4219708.95	3.13425 (12121324)			
568124.99	4219758.95	4.75007	(12013106)	568174.99
4219758.95	5.28019 (10121104)			
568224.99	4219758.95	4.86076	(13122523)	568274.99
4219758.95	4.29496 (09011402)			
568324.99	4219758.95	4.15783	(12120301)	568374.99
4219758.95	3.93825 (13021001)			
568424.99	4219758.95	3.80294	(10010524)	568474.99
4219758.95	3.52454 (13012402)			
568524.99	4219758.95	3.40327	(12012403)	568124.99
4219808.95	5.62738 (12010303)			
568174.99	4219808.95	5.82453	(12010308)	568224.99
4219808.95	5.37458 (11011318)			
568274.99	4219808.95	4.64503	(12120301)	568324.99
4219808.95	4.30020 (13021001)			
568374.99	4219808.95	4.24262	(10010524)	568424.99
4219808.95	3.99026 (13012402)			
568474.99	4219808.95	3.68238	(13012401)	568524.99
4219808.95	3.47393 (09022405)			
568124.99	4219858.95	6.39245	(10121104)	568174.99
4219858.95	6.33331 (13010302)			
568224.99	4219858.95	6.11375	(10121106)	568274.99
4219858.95	5.11096 (13021001)			
568324.99	4219858.95	4.58632	(10010524)	568374.99
4219858.95	4.53627 (09123124)			
568424.99	4219858.95	4.21106	(10121105)	568474.99
4219858.95	3.72542 (10011624)			
568524.99	4219858.95	3.55702	(10020706)	568124.99
4219908.95	7.37833 (10022503)			
568174.99	4219908.95	7.07029	(10121106)	568224.99
4219908.95	6.40198 (12011204)			
568274.99	4219908.95	5.70061	(09120208)	568324.99
4219908.95	5.00763 (12012403)			
568374.99	4219908.95	4.89396	(09022405)	568424.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219908.95 4.25253 (10011624)  
 568474.99 4219908.95 3.49120 (10020706) 568524.99  
 4219908.95 2.17168 (11022423)  
 568124.99 4219958.95 8.59772 (13010423) 568174.99  
 4219958.95 7.70404 (12011204)

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 14:46:01

PAGE 63

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
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 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
568224.99	4219958.95	7.16617 (12121324)	568274.99
4219958.95	6.55008 (13012401)		
568324.99	4219958.95	5.80294 (10011624)	568374.99
4219958.95	4.97793 (10020706)		
568424.99	4219958.95	3.26581 (11022423)	568474.99
4219958.95	2.55151 (11011920)		
568524.99	4219958.95	2.56772 (13020503)	568124.99
4220008.95	10.10948 (12011204)		
568174.99	4220008.95	8.46845 (13012402)	568224.99
4220008.95	7.26303 (09022405)		
568274.99	4220008.95	6.43196 (10020706)	568324.99
4220008.95	4.76084 (13011121)		
568374.99	4220008.95	4.14676 (09120301)	568424.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220008.95	2.92088	(13020503)			
568474.99	4220008.95		2.85964	(10012921)	568524.99
4220008.95	3.53726	(10022723)			
568124.99	4220058.95		11.87185	(12012403)	568174.99
4220058.95	8.49747	(10011624)			
568224.99	4220058.95		5.55901	(11022423)	568274.99
4220058.95	4.67212	(09120301)			
568324.99	4220058.95		4.01002	(13120702)	568374.99
4220058.95	3.51499	(10022719)			
568424.99	4220058.95		3.47939	(09012321)	568474.99
4220058.95	3.67307	(13022221)			
568524.99	4220058.95		3.54876	(09011104)	568124.99
4220108.95	9.91610	(11022423)			
568174.99	4220108.95		7.73318	(13020503)	568224.99
4220108.95	6.18257	(10022719)			
568274.99	4220108.95		5.08325	(13020318)	568324.99
4220108.95	4.22920	(12021822)			
568374.99	4220108.95		3.57165	(10020622)	568424.99
4220108.95	4.34579	(11020705)			
568474.99	4220108.95		3.72561	(11020705)	568524.99
4220108.95	3.44405	(11121017)			
568124.99	4220158.95		11.22228	(12021822)	568174.99
4220158.95	8.01263	(13011024)			
568224.99	4220158.95		6.28935	(10010422)	568274.99
4220158.95	4.88377	(11121017)			
568324.99	4220158.95		4.23414	(12010804)	568374.99
4220158.95	3.87617	(12010804)			
568424.99	4220158.95		3.71744	(12021103)	568474.99
4220158.95	3.50452	(12021103)			
568524.99	4220158.95		3.38687	(12021103)	568124.99
4220208.95	11.25426	(10020918)			
568174.99	4220208.95		8.22888	(10121721)	568224.99
4220208.95	6.48129	(10121721)			
568274.99	4220208.95		5.24668	(10121721)	568324.99
4220208.95	4.36986	(10121721)			
568374.99	4220208.95		3.70520	(10121721)	568424.99
4220208.95	3.19983	(10121721)			
568474.99	4220208.95		3.53078	(10121721)	568524.99
4220208.95	3.24501	(10121721)			
568124.99	4220258.95		9.37571	(13020423)	568174.99
4220258.95	7.87016	(11011904)			
568224.99	4220258.95		5.84591	(11022720)	568274.99
4220258.95	4.99774	(12121802)			
568324.99	4220258.95		4.00343	(12122523)	568374.99
4220258.95	3.55751	(12122523)			
568424.99	4220258.95		3.16208	(13020422)	568474.99
4220258.95	2.80710	(13020422)			
568524.99	4220258.95		2.47309	(13020422)	568124.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220308.95	9.26377	(12022723)			
568174.99	4220308.95		6.74329	(12022221)	568224.99
4220308.95	5.66199	(09121402)			
568274.99	4220308.95		4.50349	(13020423)	568324.99
4220308.95	3.93552	(11011904)			
568374.99	4220308.95		3.54611	(11011904)	568424.99
4220308.95	3.00578	(13121904)			
568474.99	4220308.95		2.70075	(11022720)	568524.99
4220308.95	2.39745	(12121802)			
568124.99	4220358.95		9.18571	(11123022)	568174.99
4220358.95	7.95990	(11123001)			
568224.99	4220358.95		5.20748	(12021104)	568274.99
4220358.95	4.48915	(10020720)			
568324.99	4220358.95		3.88750	(09011206)	568374.99
4220358.95	3.35085	(11121907)			
568424.99	4220358.95		2.75192	(13020423)	568474.99
4220358.95	2.23613	(11011904)			
568524.99	4220358.95		2.31052	(11011904)	568124.99
4220408.95	7.52414	(11121923)			

^ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
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 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 64

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
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 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

568174.99	4220408.95	6.63768	(09021201)	568224.99
4220408.95	5.86494 (13122817)			
568274.99	4220408.95	5.09478	(10021924)	568324.99
4220408.95	3.59413 (12021104)			
568374.99	4220408.95	3.12795	(10020720)	568424.99
4220408.95	2.81959 (10012801)			
568474.99	4220408.95	2.53999	(09121402)	568524.99
4220408.95	2.23696 (11121907)			
568124.99	4220458.95	6.49144	(10020319)	568174.99
4220458.95	5.85427 (10121820)			
568224.99	4220458.95	5.15074	(11021223)	568274.99
4220458.95	4.64799 (13020221)			
568324.99	4220458.95	4.36955	(11123001)	568374.99
4220458.95	3.41070 (10021924)			
568424.99	4220458.95	2.68667	(12021104)	568474.99
4220458.95	2.42392 (10020720)			
568524.99	4220458.95	2.22206	(12022221)	568124.99
4220508.95	5.58839 (12022118)			
568174.99	4220508.95	5.10423	(12022302)	568224.99
4220508.95	4.82741 (10121820)			
568274.99	4220508.95	4.24594	(11021223)	568324.99
4220508.95	3.98611 (11123022)			
568374.99	4220508.95	3.63585	(13122817)	568424.99
4220508.95	3.27976 (11123001)			
568474.99	4220508.95	2.32196	(10021924)	568524.99
4220508.95	2.09801 (12021104)			
568124.99	4220558.95	4.82231	(13122021)	568174.99
4220558.95	4.56422 (11120320)			
568224.99	4220558.95	4.19950	(13011119)	568274.99
4220558.95	4.03616 (10121820)			
568324.99	4220558.95	3.54533	(12012920)	568374.99
4220558.95	3.45366 (11123022)			
568424.99	4220558.95	3.06696	(13021624)	568474.99
4220558.95	2.89726 (11123001)			
568524.99	4220558.95	2.52665	(10021924)	568124.99
4220608.95	4.45834 (10021219)			
568174.99	4220608.95	4.05510	(12022118)	568224.99
4220608.95	3.85119 (12021318)			
568274.99	4220608.95	3.53384	(13020222)	568324.99
4220608.95	3.42994 (10121820)			
568374.99	4220608.95	3.03029	(12012920)	567040.21
4220658.17	1.48702 (10020524)			
567090.21	4220658.17	1.54758	(11122317)	567140.21
4220658.17	1.75393 (12022808)			

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:46:01

PAGE 65

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
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 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
567539.85	4220159.17	0.96208c (11010824)	567589.85
4220159.17	1.19316c (11010824)		
567639.85	4220159.17	1.46490c (11010824)	567539.85
4220209.17	1.46765b (11011724)		
567589.85	4220209.17	1.78954b (11011724)	567639.85
4220209.17	2.10938b (11011724)		
567539.85	4220259.17	1.15812 (09010124)	567589.85
4220259.17	1.34101 (09010124)		
567639.85	4220259.17	1.43762 (09010124)	567689.85
4220259.17	1.68485 (09010124)		
567539.85	4220309.17	0.72660b (09123124)	567589.85
4220309.17	0.81440b (09123124)		
567639.85	4220309.17	1.02338c (11012324)	567689.85
4220309.17	1.08359b (11013024)		
567539.85	4220359.17	0.69417c (09012324)	567589.85
4220359.17	0.73132b (11013024)		
567639.85	4220359.17	0.74108b (09122424)	567689.85
4220359.17	1.02376c (13121924)		
567739.85	4220359.17	1.37816b (13020924)	567539.85
4220409.17	0.49824b (09122424)		
567589.85	4220409.17	0.68360c (13121924)	567639.85



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220409.17	0.91768b (13020924)		
567689.85	4220409.17	0.72578b (13020924)	567739.85
4220409.17	1.11720c (13020324)		
567539.85	4220459.17	0.54843c (12010524)	567589.85
4220459.17	0.80804b (13020924)		
567639.85	4220459.17	0.65813c (11021724)	567689.85
4220459.17	0.75844c (13022824)		
567739.85	4220459.17	0.81115c (13031424)	567539.85
4220509.17	0.70744b (13020924)		
567589.85	4220509.17	0.56462c (11021724)	567639.85
4220509.17	0.66194c (11021724)		
567689.85	4220509.17	0.65848c (13020324)	567739.85
4220509.17	0.75568c (10122624)		
567539.85	4220559.17	0.47698c (11021724)	567589.85
4220559.17	0.53601c (11021724)		
567639.85	4220559.17	0.58317c (13020324)	567689.85
4220559.17	0.48781c (10122624)		
567739.85	4220559.17	0.50745 (12122124)	567789.85
4220559.17	0.59009c (10031724)		
567539.85	4220609.17	0.43971c (11021724)	567589.85
4220609.17	0.47554c (13020324)		
567639.85	4220609.17	0.40303c (12122324)	567689.85
4220609.17	0.49729c (10122624)		
567739.85	4220609.17	0.46052c (13022624)	567789.85
4220609.17	0.56398c (10011724)		
567040.05	4219808.62	0.28393c (10010224)	567090.05
4219808.62	0.23960c (10010224)		
567140.05	4219808.62	0.26777c (12123124)	567190.05
4219808.62	0.29219c (12123124)		
567240.05	4219808.62	0.26440c (12123124)	567290.05
4219808.62	0.22141c (10121324)		
567340.05	4219808.62	0.22597c (13012024)	567040.05
4219858.62	0.25187c (10020124)		
567090.05	4219858.62	0.28667c (10010224)	567140.05
4219858.62	0.33734c (10010224)		
567190.05	4219858.62	0.30292c (10010224)	567240.05
4219858.62	0.32530c (12123124)		
567290.05	4219858.62	0.35444c (12123124)	567340.05
4219858.62	0.30379c (12123124)		
567390.05	4219858.62	0.25427c (10121324)	567040.05
4219908.62	0.16543c (10020124)		
567090.05	4219908.62	0.22384c (10020124)	567140.05
4219908.62	0.29000c (10020124)		
567190.05	4219908.62	0.30996c (10020124)	567240.05
4219908.62	0.39462c (10010224)		
567290.05	4219908.62	0.38455c (10010224)	567340.05
4219908.62	0.35281c (12123124)		
567390.05	4219908.62	0.33542c (12123124)	567440.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

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4219908.62      0.29447c (10121324)
      567490.05  4219908.62      0.33562c (13012024)      567040.05
4219958.62      0.20951m (11011224)
      567090.05  4219958.62      0.21726m (11011224)      567140.05
4219958.62      0.21729m (11011224)
      567190.05  4219958.62      0.19901c (12021624)      567240.05
4219958.62      0.26610c (10020124)
      567290.05  4219958.62      0.32725c (10020124)      567340.05
4219958.62      0.38041c (10010224)
      567390.05  4219958.62      0.39479c (10010224)      567440.05
4219958.62      0.39378c (12123124)

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▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

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*** AERMET - VERSION 14134 *** ***
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PAGE 66

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
          INCLUDING SOURCE(S):  L0048843 , L0048844
, L0048845 , L0048846 , L0048847 ,
          L0048848 , L0048849 , L0048850 , L0048851 , L0048852
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, L0048869 , L0048870 , . . . ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

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**
      X-COORD (M)  Y-COORD (M)      CONC      (YMMDDHH)      X-COORD (M)
      Y-COORD (M)  CONC      (YMMDDHH)
-----
      567490.05  4219958.62      0.53603c (12123124)      567040.05
4220008.62      0.23746c (11010824)
      567090.05  4220008.62      0.24170c (11010824)      567140.05
4220008.62      0.24362m (11011224)
      567190.05  4220008.62      0.23882m (11011224)      567240.05
4220008.62      0.23377m (11011224)
      567290.05  4220008.62      0.21083m (11011224)      567340.05

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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220008.62	0.19324c (12021624)		
567390.05	4220008.62	0.30770c (10020124)	567440.05
4220008.62	0.40944c (10020124)		
567490.05	4220008.62	0.65997c (10010224)	567540.05
4220008.62	0.62304c (12123124)		
567040.05	4220058.62	0.24603c (11010824)	567090.05
4220058.62	0.27106c (11010824)		
567140.05	4220058.62	0.28134b (11010724)	567190.05
4220058.62	0.28353b (11010724)		
567240.05	4220058.62	0.26355b (11010724)	567290.05
4220058.62	0.24022c (11010824)		
567340.05	4220058.62	0.25441m (11011224)	567390.05
4220058.62	0.29689m (11011224)		
567440.05	4220058.62	0.39100m (11011224)	567490.05
4220058.62	0.47463c (10020124)		
567540.05	4220058.62	0.68198c (10020124)	567040.05
4220108.62	0.26995b (09011224)		
567090.05	4220108.62	0.29951b (09011224)	567140.05
4220108.62	0.30383b (09011224)		
567190.05	4220108.62	0.32134b (11020424)	567240.05
4220108.62	0.33544b (11020424)		
567290.05	4220108.62	0.32113b (11020424)	567340.05
4220108.62	0.31942b (11020424)		
567390.05	4220108.62	0.34369b (11010724)	567440.05
4220108.62	0.55911c (11010824)		
567490.05	4220108.62	0.70829c (11010824)	567540.05
4220108.62	0.78621c (11010824)		
567040.05	4220158.62	0.41454b (11011724)	567090.05
4220158.62	0.43961b (11011724)		
567140.05	4220158.62	0.43671b (11011724)	567190.05
4220158.62	0.40608b (11011724)		
567240.05	4220158.62	0.36821b (11011724)	567290.05
4220158.62	0.36179b (11011724)		
567340.05	4220158.62	0.38451b (11011724)	567390.05
4220158.62	0.47998b (11011724)		
567440.05	4220158.62	0.68102b (11011724)	567490.05
4220158.62	0.78707c (11010824)		
567540.05	4220158.62	0.96227c (11010824)	567040.05
4220208.62	0.48468b (11011724)		
567090.05	4220208.62	0.53700b (11011724)	567140.05
4220208.62	0.55785b (11011724)		
567190.05	4220208.62	0.56556b (11011724)	567240.05
4220208.62	0.52792b (11011724)		
567290.05	4220208.62	0.56664b (11011724)	567340.05
4220208.62	0.73438b (11011724)		
567390.05	4220208.62	0.99422b (11011724)	567440.05
4220208.62	1.06151b (11011724)		
567490.05	4220208.62	1.23085b (11011724)	567540.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220208.62 1.47229b (11011724)  
567040.05 4220258.62 0.41048 (09010124) 567090.05  
4220258.62 0.42380 (09010124)  
567140.05 4220258.62 0.40711 (09010124) 567190.05  
4220258.62 0.36799 (09010124)  
567240.05 4220258.62 0.37750 (09010124) 567290.05  
4220258.62 0.47243 (09010124)  
567340.05 4220258.62 0.67313 (09010124) 567390.05  
4220258.62 0.77196 (09010124)  
567440.05 4220258.62 0.88856 (09010124) 567490.05  
4220258.62 1.01234 (09010124)  
567540.05 4220258.62 1.16450 (09010124) 567040.05  
4220308.62 0.31489 (09010124)  
567090.05 4220308.62 0.28882 (09010124) 567140.05  
4220308.62 0.25184 (09010124)  
567190.05 4220308.62 0.25886c (10120424) 567240.05  
4220308.62 0.38523c (10120424)  
567290.05 4220308.62 0.45722c (10120424) 567340.05  
4220308.62 0.48676 (09010124)  
567390.05 4220308.62 0.53455 (09010124) 567440.05  
4220308.62 0.57849 (09010124)  
567490.05 4220308.62 0.63057 (09010124) 567540.05  
4220308.62 0.72875b (09123124)  
567040.05 4220358.62 0.30524c (10120424) 567090.05  
4220358.62 0.30984c (10120424)

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 67

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\* CONC OF PM10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567140.05	4220358.62	0.29131c	(10012324)	567190.05
4220358.62	0.32708c	(10020524)		
567240.05	4220358.62	0.32705c	(10020524)	567290.05
4220358.62	0.33003b	(09123124)		
567340.05	4220358.62	0.37081b	(09123124)	567390.05
4220358.62	0.41666b	(09123124)		
567440.05	4220358.62	0.46572c	(11012324)	567490.05
4220358.62	0.57432c	(11012324)		
567540.05	4220358.62	0.69611c	(09012324)	567040.05
4220408.62	0.23539c	(10020524)		
567090.05	4220408.62	0.21875b	(11110224)	567140.05
4220408.62	0.26082b	(11110224)		
567190.05	4220408.62	0.30928b	(11110224)	567240.05
4220408.62	0.32463b	(11110224)		
567290.05	4220408.62	0.34714b	(11110224)	567340.05
4220408.62	0.38904c	(11012324)		
567390.05	4220408.62	0.50694c	(09012324)	567440.05
4220408.62	0.52276c	(09012324)		
567490.05	4220408.62	0.49469b	(11013024)	567540.05
4220408.62	0.49939b	(09122424)		
567040.05	4220458.62	0.24067b	(11110224)	567090.05
4220458.62	0.24665b	(11110224)		
567140.05	4220458.62	0.28006b	(11110224)	567190.05
4220458.62	0.28849b	(11110224)		
567240.05	4220458.62	0.40480c	(09012324)	567290.05
4220458.62	0.45467c	(09012324)		
567340.05	4220458.62	0.37874c	(09012324)	567390.05
4220458.62	0.41635b	(09011424)		
567440.05	4220458.62	0.36715b	(09122424)	567490.05
4220458.62	0.45020c	(13121924)		
567540.05	4220458.62	0.54762c	(12010524)	567040.05
4220508.62	0.20679c	(11012324)		
567090.05	4220508.62	0.24588c	(09012324)	567140.05
4220508.62	0.31366c	(09012324)		
567190.05	4220508.62	0.34431c	(09012324)	567240.05
4220508.62	0.31583c	(13032324)		
567290.05	4220508.62	0.36002b	(09011424)	567340.05
4220508.62	0.34395c	(13021424)		
567390.05	4220508.62	0.35823c	(13121924)	567440.05
4220508.62	0.42595c	(13121924)		
567490.05	4220508.62	0.56959b	(13020924)	567540.05

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220508.62	0.71258b (13020924)		
567040.05	4220558.62	0.22145c (09012324)	567090.05
4220558.62	0.21044c (09012324)		
567140.05	4220558.62	0.21466b (11013024)	567190.05
4220558.62	0.26035b (09011424)		
567240.05	4220558.62	0.27318c (13021424)	567290.05
4220558.62	0.35451c (13021424)		
567340.05	4220558.62	0.35913c (13121924)	567390.05
4220558.62	0.38262c (12010524)		
567440.05	4220558.62	0.57015b (13020924)	567490.05
4220558.62	0.48237b (13020924)		
567540.05	4220558.62	0.47616c (11021724)	567040.05
4220608.62	0.17745b (11013024)		
567090.05	4220608.62	0.18239b (09011424)	567140.05
4220608.62	0.17499b (09122424)		
567190.05	4220608.62	0.25433c (13021424)	567240.05
4220608.62	0.29997c (13121924)		
567290.05	4220608.62	0.31055c (09112324)	567340.05
4220608.62	0.35649c (12010524)		
567390.05	4220608.62	0.42896b (13020924)	567440.05
4220608.62	0.31348b (13020924)		
567490.05	4220608.62	0.41139c (11021724)	567540.05
4220608.62	0.44127c (11021724)		
567040.05	4220658.62	0.14700b (09011424)	567090.05
4220658.62	0.16294c (13021424)		
567140.05	4220658.62	0.19145c (13121924)	567190.05
4220658.62	0.24368c (13121924)		
567240.05	4220658.62	0.28834c (12010524)	567290.05
4220658.62	0.40745b (13020924)		
567340.05	4220658.62	0.42728b (13020924)	567390.05
4220658.62	0.24001b (09122924)		
567440.05	4220658.62	0.35802c (11021724)	567490.05
4220658.62	0.36010c (11021724)		
567540.05	4220658.62	0.39692c (13020324)	567024.60
4219459.23	0.13041 (10010724)		
567074.60	4219459.23	0.11752 (10010724)	567124.60
4219459.23	0.11865c (09121024)		
567174.60	4219459.23	0.14965c (09121024)	567224.60
4219459.23	0.15118c (09121024)		

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 14:46:01

PAGE 68

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0048843 , L0048844

, L0048845 , L0048846 , L0048847 ,  
 , L0048853 , L0048854 , L0048855 ,  
 , L0048861 , L0048862 , L0048863 ,  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
567274.60	4219459.23	0.13505c (09012824)	567324.60
4219459.23	0.15004b (09011824)		
567374.60	4219459.23	0.17379c (11120924)	567424.60
4219459.23	0.22662c (11120924)		
567024.60	4219509.23	0.13890 (10010724)	567074.60
4219509.23	0.14488 (10010724)		
567124.60	4219509.23	0.13123 (10010724)	567174.60
4219509.23	0.12836c (09121024)		
567224.60	4219509.23	0.16501c (09121024)	567274.60
4219509.23	0.16703c (09121024)		
567324.60	4219509.23	0.14928c (09012824)	567374.60
4219509.23	0.16307b (09011824)		
567424.60	4219509.23	0.21745c (11120924)	567024.60
4219559.23	0.11721 (10010724)		
567074.60	4219559.23	0.14678 (10010724)	567124.60
4219559.23	0.15072 (10010724)		
567174.60	4219559.23	0.14202 (10010724)	567224.60
4219559.23	0.13930c (09121024)		
567274.60	4219559.23	0.18328c (09121024)	567324.60
4219559.23	0.18610c (09121024)		
567374.60	4219559.23	0.17247b (09011824)	567424.60
4219559.23	0.17720b (09011824)		
567024.60	4219609.23	0.11972c (13012024)	567074.60
4219609.23	0.12057c (13012024)		
567124.60	4219609.23	0.14234 (10010724)	567174.60
4219609.23	0.15626 (10010724)		
567224.60	4219609.23	0.15797 (10010724)	567274.60

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219609.23	0.15857 (10010724)		
567324.60	4219609.23	0.20597c (09121024)	567374.60
4219609.23	0.20882c (09121024)		
567424.60	4219609.23	0.20342b (09011824)	567024.60
4219659.23	0.13150c (10121324)		
567074.60	4219659.23	0.13543c (10121324)	567124.60
4219659.23	0.13738c (13012024)		
567174.60	4219659.23	0.14383 (10010724)	567224.60
4219659.23	0.16673 (10010724)		
567274.60	4219659.23	0.18097 (10010724)	567324.60
4219659.23	0.18408 (10010724)		
567374.60	4219659.23	0.23426c (09121024)	567424.60
4219659.23	0.23730c (09121024)		
567024.60	4219709.23	0.19635c (12123124)	567074.60
4219709.23	0.18120c (12123124)		
567124.60	4219709.23	0.16414c (10121324)	567174.60
4219709.23	0.15428c (13012024)		
567224.60	4219709.23	0.14852c (13012024)	567274.60
4219709.23	0.18431 (10010724)		
567324.60	4219709.23	0.20841 (10010724)	567374.60
4219709.23	0.21721 (10010724)		
567424.60	4219709.23	0.26737c (09121024)	567024.60
4219759.23	0.21763c (12123124)		
567074.60	4219759.23	0.24315c (12123124)	567124.60
4219759.23	0.23910c (12123124)		
567174.60	4219759.23	0.19273c (12123124)	567224.60
4219759.23	0.17782c (10121324)		
567274.60	4219759.23	0.18374c (13012024)	567324.60
4219759.23	0.21050 (10010724)		
567374.60	4219759.23	0.26283 (10010724)	567024.60
4219809.23	0.27621c (10010224)		
567074.60	4219809.23	0.26223c (10010224)	567124.60
4219809.23	0.25261c (12123124)		
567174.60	4219809.23	0.28981c (12123124)	567224.60
4219809.23	0.28018c (12123124)		
567274.60	4219809.23	0.21817c (12123124)	567324.60
4219809.23	0.22097c (13012024)		
567374.60	4219809.23	0.23029 (10010724)	567524.55
4219458.98	0.25704m (09020624)		
567574.55	4219458.98	0.25221c (10021724)	567624.55
4219458.98	0.31761c (13011524)		
567674.55	4219458.98	0.35830c (13122324)	567724.55
4219458.98	0.35385c (13122324)		
567774.55	4219458.98	0.28444c (11010424)	567824.55
4219458.98	0.45137c (13121424)		
567874.55	4219458.98	0.39709c (10120124)	567924.55
4219458.98	0.35522b (11021224)		
567524.55	4219508.98	0.26063m (09020624)	567574.55



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219508.98 0.26896m (09020624)  
 567624.55 4219508.98 0.34554c (10021724) 567674.55  
 4219508.98 0.34916c (13011524)  
 567724.55 4219508.98 0.44398c (13122324) 567774.55  
 4219508.98 0.26106c (11010424)

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 14:46:01

PAGE 69

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
567824.55	4219508.98	0.49523c (13121424)	567874.55
4219508.98	0.40365c (10120124)		
567924.55	4219508.98	0.39346b (11021224)	567524.55
4219558.98	0.25572c (11021124)		
567574.55	4219558.98	0.33756m (09020624)	567624.55
4219558.98	0.41452c (10021724)		
567674.55	4219558.98	0.37201c (13021224)	567724.55
4219558.98	0.41627c (13122324)		
567774.55	4219558.98	0.28668c (12111124)	567824.55
4219558.98	0.59270c (13121424)		
567874.55	4219558.98	0.45169c (10120124)	567924.55
4219558.98	0.43773b (11021224)		
567524.55	4219608.98	0.36799c (11120924)	567574.55

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219608.98	0.35924m (09020624)		
567624.55	4219608.98	0.38747m (09020624)	567674.55
4219608.98	0.41449c (10021724)		
567724.55	4219608.98	0.36581c (12111324)	567774.55
4219608.98	0.52770c (13122324)		
567824.55	4219608.98	0.66206c (13120624)	567874.55
4219608.98	0.64309c (10120124)		
567924.55	4219608.98	0.59353b (11021224)	567524.55
4219658.98	0.31402c (11120924)		
567574.55	4219658.98	0.43882c (11120924)	567624.55
4219658.98	0.44378m (09020624)		
567674.55	4219658.98	0.43393c (10021724)	567724.55
4219658.98	0.42400c (13011524)		
567774.55	4219658.98	0.66845c (13122324)	567824.55
4219658.98	0.68320c (13120624)		
567874.55	4219658.98	0.67179c (10121524)	567924.55
4219658.98	0.68089b (09022024)		
567624.55	4219708.98	0.41448c (11021124)	567674.55
4219708.98	0.53101m (09020624)		
567724.55	4219708.98	0.60124c (10021724)	567774.55
4219708.98	0.61397c (13122324)		
567824.55	4219708.98	0.72059c (13120624)	567874.55
4219708.98	0.81007c (10121524)		
567924.55	4219708.98	0.80437b (09022024)	567674.55
4219758.98	0.51364m (09020624)		
567724.55	4219758.98	0.54227c (10021724)	567774.55
4219758.98	0.64780c (13011524)		
567824.55	4219758.98	0.72270c (13120624)	567874.55
4219758.98	0.95995c (10121524)		
567924.55	4219758.98	0.94417b (09022024)	567924.57
4219458.79	0.35504b (11021224)		
567974.57	4219458.79	0.35342c (13020424)	568024.57
4219458.79	0.24111c (10102224)		
568074.57	4219458.79	0.35822c (11020524)	567924.57
4219508.79	0.39325b (11021224)		
567974.57	4219508.79	0.37085c (13020424)	568024.57
4219508.79	0.35115c (11122724)		
568074.57	4219508.79	0.45588c (11020524)	567924.57
4219558.79	0.43751b (11021224)		
567974.57	4219558.79	0.39280c (13121024)	568024.57
4219558.79	0.43308c (11122724)		
568074.57	4219558.79	0.46868c (11020524)	567924.57
4219608.79	0.59228b (11021224)		
567974.57	4219608.79	0.54860c (13121024)	568024.57
4219608.79	0.54413c (11122724)		
568074.57	4219608.79	0.37864c (12020524)	567924.57
4219658.79	0.68018b (09022024)		
567974.57	4219658.79	0.52745c (09121724)	568024.57

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219658.79 0.50734c (11020524)  
568074.57 4219658.79 0.42716b (09011424) 567924.57  
4219708.79 0.80368b (09022024)  
567974.57 4219708.79 0.59999c (13121024) 568024.57  
4219708.79 0.59532c (11020524)  
568074.57 4219708.79 0.44976b (09011424) 568124.57  
4219708.79 0.48842c (13011724)  
567924.57 4219758.79 0.94338b (09022024) 567974.57  
4219758.79 0.67630c (13121024)  
568024.57 4219758.79 0.67523c (11020524) 568074.57  
4219758.79 0.44981c (11012524)  
568124.57 4219758.79 0.48616c (13011724) 567924.57  
4219808.79 1.11746b (09022024)  
567974.57 4219808.79 0.76192c (13121024) 568024.57  
4219808.79 0.73726c (11020524)  
568074.57 4219808.79 0.66568c (13011724) 568124.57  
4219808.79 0.59909c (11120324)  
567924.57 4219858.79 1.34526b (09022024) 567974.57  
4219858.79 0.85684c (13020424)

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 14:46:01

PAGE 70

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,  
L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
, L0048861 , L0048862 , L0048863 ,  
L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
, L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)  
Y-COORD (M) CONC (YYMMDDHH)

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

568024.57	4219858.79	0.85149b (09011424)	568074.57
4219858.79	0.75362c (13011724)		
568124.57	4219858.79	0.72912c (10121124)	567924.57
4219908.79	1.70272b (09022024)		
567974.57	4219908.79	1.09780c (11122724)	568024.57
4219908.79	0.88791b (09011424)		
568074.57	4219908.79	0.88126c (11120324)	568124.57
4219908.79	0.70523c (11031724)		
567924.57	4219958.79	2.30333b (09022024)	567974.57
4219958.79	1.68759c (11020524)		
568024.57	4219958.79	1.30833c (13011724)	568074.57
4219958.79	0.96918c (10121124)		
568124.57	4219958.79	1.08685c (12121824)	567924.57
4220008.79	3.28255b (09022024)		
567974.57	4220008.79	2.34324c (11020524)	568024.57
4220008.79	1.48548c (11120324)		
568074.57	4220008.79	1.22664c (12121824)	568124.57
4220008.79	1.51903c (10042124)		
567924.57	4220058.79	5.00136b (09022024)	567974.57
4220058.79	2.85157b (09011424)		
568024.57	4220058.79	1.80438c (10121124)	568074.57
4220058.79	2.30175c (10042124)		
568124.57	4220058.79	1.95651c (10123024)	567924.57
4220108.79	9.14860c (10120124)		
567974.57	4220108.79	4.30619c (13011724)	568024.57
4220108.79	4.25367c (12121824)		
568074.57	4220108.79	2.53121c (10123024)	568124.57
4220108.79	1.29498c (10021924)		
567924.57	4220158.79	21.97727c (10120124)	567974.57
4220158.79	14.11283c (12121824)		
568024.57	4220158.79	4.23187c (10021924)	568074.57
4220158.79	2.64409c (12021824)		
568124.57	4220158.79	1.90699c (12021824)	568124.99
4219708.95	0.48747c (13011724)		
568174.99	4219708.95	0.44663c (11120324)	568224.99
4219708.95	0.39023b (09122424)		
568274.99	4219708.95	0.37630c (11031724)	568324.99
4219708.95	0.36309c (12121824)		
568374.99	4219708.95	0.47211c (12121824)	568424.99
4219708.95	0.39583c (10042124)		
568474.99	4219708.95	0.35235c (12021224)	568524.99
4219708.95	0.24714c (10123024)		
568124.99	4219758.95	0.48220c (13011724)	568174.99
4219758.95	0.59338c (10121124)		
568224.99	4219758.95	0.42708c (11031724)	568274.99
4219758.95	0.32568b (09011424)		
568324.99	4219758.95	0.50990c (12121824)	568374.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4219758.95	0.44502c (10042124)		
568424.99	4219758.95	0.39232c (12021224)	568474.99
4219758.95	0.32337c (10123024)		
568524.99	4219758.95	0.37684c (10123024)	568124.99
4219808.95	0.60002c (11120324)		
568174.99	4219808.95	0.43786c (11031724)	568224.99
4219808.95	0.48525b (09011424)		
568274.99	4219808.95	0.58362c (12121824)	568324.99
4219808.95	0.49745c (10042124)		
568374.99	4219808.95	0.42436c (12021224)	568424.99
4219808.95	0.37917c (10123024)		
568474.99	4219808.95	0.36860c (10123024)	568524.99
4219808.95	0.30017b (09041324)		
568124.99	4219858.95	0.72685c (10121124)	568174.99
4219858.95	0.61883b (09011424)		
568224.99	4219858.95	0.77842c (12121824)	568274.99
4219858.95	0.62344c (10042124)		
568324.99	4219858.95	0.44319c (12021224)	568374.99
4219858.95	0.47846c (10123024)		
568424.99	4219858.95	0.34354c (10123024)	568474.99
4219858.95	0.32557b (09041324)		
568524.99	4219858.95	0.26206b (13041924)	568124.99
4219908.95	0.70831c (11031724)		
568174.99	4219908.95	0.93117c (12121824)	568224.99
4219908.95	0.83486c (10042124)		
568274.99	4219908.95	0.51052c (10123024)	568324.99
4219908.95	0.54837c (10123024)		
568374.99	4219908.95	0.44095b (09041324)	568424.99
4219908.95	0.31448b (13041924)		
568474.99	4219908.95	0.29066b (13041924)	568524.99
4219908.95	0.21326c (10021924)		
568124.99	4219958.95	1.09726c (12121824)	568174.99
4219958.95	1.09960c (10042124)		

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 14:46:01

PAGE 71

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0048843 , L0048844  
, L0048845 , L0048846 , L0048847 ,  
L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
, L0048853 , L0048854 , L0048855 ,

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
568224.99	4219958.95	0.92315c	(10123024)	568274.99
4219958.95	0.70951c	(10123024)		
568324.99	4219958.95	0.47458b	(09041324)	568374.99
4219958.95	0.39799b	(13041924)		
568424.99	4219958.95	0.29573c	(10021924)	568474.99
4219958.95	0.26835c	(13012624)		
568524.99	4219958.95	0.26321c	(10042824)	568124.99
4220008.95	1.51294c	(10042124)		
568174.99	4220008.95	1.39601c	(10123024)	568224.99
4220008.95	0.74550c	(10123024)		
568274.99	4220008.95	0.51472c	(12121824)	568324.99
4220008.95	0.42222c	(10021924)		
568374.99	4220008.95	0.41333c	(10042824)	568424.99
4220008.95	0.32851c	(13012624)		
568474.99	4220008.95	0.30329b	(09042924)	568524.99
4220008.95	0.36330b	(09042924)		
568124.99	4220058.95	1.94653c	(10123024)	568174.99
4220058.95	0.84180c	(12121824)		
568224.99	4220058.95	0.66226c	(10021924)	568274.99
4220058.95	0.55458c	(13012624)		
568324.99	4220058.95	0.45379c	(13012624)	568374.99
4220058.95	0.37405b	(09042924)		
568424.99	4220058.95	0.40310c	(12021824)	568474.99
4220058.95	0.44220c	(12021824)		
568524.99	4220058.95	0.39576c	(12021824)	568124.99
4220108.95	1.29410c	(10021924)		
568174.99	4220108.95	0.97813c	(13012624)	568224.99
4220108.95	0.73594c	(12021824)		
568274.99	4220108.95	0.74166c	(12021824)	568324.99
4220108.95	0.65624c	(12021824)		
568374.99	4220108.95	0.52154c	(12021824)	568424.99
4220108.95	0.44037b	(10020624)		
568474.99	4220108.95	0.41204c	(11041624)	568524.99

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220108.95	0.38345c (11041624)		
568124.99	4220158.95	1.90017c (12021824)	568174.99
4220158.95	1.21814c (12021824)		
568224.99	4220158.95	0.85100c (12021124)	568274.99
4220158.95	0.78342c (12021124)		
568324.99	4220158.95	0.70215c (12021124)	568374.99
4220158.95	0.64322c (12021124)		
568424.99	4220158.95	0.60651c (12021124)	568474.99
4220158.95	0.55636c (12021124)		
568524.99	4220158.95	0.51817c (12021124)	568124.99
4220208.95	1.85270b (12090724)		
568174.99	4220208.95	1.29492b (12090724)	568224.99
4220208.95	0.97649b (12090724)		
568274.99	4220208.95	0.76276b (12090724)	568324.99
4220208.95	0.61723b (12090724)		
568374.99	4220208.95	0.51029b (12090724)	568424.99
4220208.95	0.43130b (12090724)		
568474.99	4220208.95	0.42068b (12090724)	568524.99
4220208.95	0.37105b (12090724)		
568124.99	4220258.95	1.84738c (10022024)	568174.99
4220258.95	1.24606c (10022024)		
568224.99	4220258.95	0.80139c (10022024)	568274.99
4220258.95	0.65173c (12022924)		
568324.99	4220258.95	0.53500c (12022924)	568374.99
4220258.95	0.43253c (12022924)		
568424.99	4220258.95	0.36600c (12021324)	568474.99
4220258.95	0.31879c (12021324)		
568524.99	4220258.95	0.27973c (12021324)	568124.99
4220308.95	1.31544c (12022724)		
568174.99	4220308.95	1.00836c (10022024)	568224.99
4220308.95	0.89759c (10022024)		
568274.99	4220308.95	0.72597c (10022024)	568324.99
4220308.95	0.55218c (10022024)		
568374.99	4220308.95	0.42891c (12051524)	568424.99
4220308.95	0.37441c (12051524)		
568474.99	4220308.95	0.31799c (12051524)	568524.99
4220308.95	0.28256c (12022924)		
568124.99	4220358.95	0.93697b (09051224)	568174.99
4220358.95	0.90575c (12022724)		
568224.99	4220358.95	0.68075c (12022724)	568274.99
4220358.95	0.59640c (10022024)		
568324.99	4220358.95	0.57884c (10022024)	568374.99
4220358.95	0.48855c (10022024)		
568424.99	4220358.95	0.38880c (10022024)	568474.99
4220358.95	0.31344c (10022024)		
568524.99	4220358.95	0.26043c (12051524)	568124.99
4220408.95	0.74259c (13051324)		

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:46:01

PAGE 72

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0048843 , L0048844  
 , L0048845 , L0048846 , L0048847 ,  
 L0048848 , L0048849 , L0048850 , L0048851 , L0048852  
 , L0048853 , L0048854 , L0048855 ,  
 L0048856 , L0048857 , L0048858 , L0048859 , L0048860  
 , L0048861 , L0048862 , L0048863 ,  
 L0048864 , L0048865 , L0048866 , L0048867 , L0048868  
 , L0048869 , L0048870 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
568174.99	4220408.95	0.66772b (09051224)	568224.99
4220408.95	0.63402c (13020224)		
568274.99	4220408.95	0.62013c (12022724)	568324.99
4220408.95	0.40668c (10011324)		
568374.99	4220408.95	0.38011c (10022024)	568424.99
4220408.95	0.38503c (10022024)		
568474.99	4220408.95	0.35231c (10022024)	568524.99
4220408.95	0.30286c (10022024)		
568124.99	4220458.95	0.67958c (13062524)	568174.99
4220458.95	0.51761c (09032024)		
568224.99	4220458.95	0.50587b (11021224)	568274.99
4220458.95	0.42558c (13020224)		
568324.99	4220458.95	0.45388c (12022724)	568374.99
4220458.95	0.42166c (12022724)		
568424.99	4220458.95	0.29564c (10020724)	568474.99
4220458.95	0.28027c (10022024)		
568524.99	4220458.95	0.28866c (10022024)	568124.99
4220508.95	0.59741b (12091124)		
568174.99	4220508.95	0.51816c (13051324)	568224.99



NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

4220508.95	0.40314c (09032024)		
568274.99	4220508.95	0.42756b (11021224)	568324.99
4220508.95	0.32719b (09051224)		
568374.99	4220508.95	0.36703c (13020224)	568424.99
4220508.95	0.37383c (12022724)		
568474.99	4220508.95	0.29636c (12022724)	568524.99
4220508.95	0.22976c (10020724)		
568124.99	4220558.95	0.56680b (13051124)	568174.99
4220558.95	0.45380c (13062524)		
568224.99	4220558.95	0.41827c (13051324)	568274.99
4220558.95	0.32292c (09032024)		
568324.99	4220558.95	0.36361b (11021224)	568374.99
4220558.95	0.28440b (09051224)		
568424.99	4220558.95	0.29027c (13020224)	568474.99
4220558.95	0.28624c (12022724)		
568524.99	4220558.95	0.29160c (12022724)	568124.99
4220608.95	0.51794b (12013024)		
568174.99	4220608.95	0.41952b (12091124)	568224.99
4220608.95	0.35137c (13062524)		
568274.99	4220608.95	0.33388c (13051324)	568324.99
4220608.95	0.27153c (10021024)		
568374.99	4220608.95	0.30999b (11021224)	567040.21
4220658.17	0.14752b (09011424)		
567090.21	4220658.17	0.16295c (13021424)	567140.21
4220658.17	0.19125c (13121924)		

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 73

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

ALL 1ST HIGHEST VALUE IS 2.71971 AT ( 567924.57, 4220158.79, 36.36,  
 36.36, 0.00) DC  
 2ND HIGHEST VALUE IS 1.43849 AT ( 567974.57, 4220158.79, 37.25,  
 37.25, 0.00) DC  
 3RD HIGHEST VALUE IS 0.89892 AT ( 567924.57, 4220108.79, 36.51,  
 36.51, 0.00) DC  
 4TH HIGHEST VALUE IS 0.68071 AT ( 568024.57, 4220158.79, 36.80,  
 36.80, 0.00) DC  
 5TH HIGHEST VALUE IS 0.53205 AT ( 567974.57, 4220108.79, 38.51,  
 38.51, 0.00) DC  
 6TH HIGHEST VALUE IS 0.44496 AT ( 567924.57, 4220058.79, 35.74,  
 35.74, 0.00) DC  
 7TH HIGHEST VALUE IS 0.39345 AT ( 568074.57, 4220158.79, 36.11,  
 36.11, 0.00) DC  
 8TH HIGHEST VALUE IS 0.36811 AT ( 568124.99, 4220208.95, 35.98,  
 325.68, 0.00) DC  
 9TH HIGHEST VALUE IS 0.34786 AT ( 568124.99, 4220258.95, 32.70,  
 325.68, 0.00) DC  
 10TH HIGHEST VALUE IS 0.33392 AT ( 568024.57, 4220108.79, 39.30,  
 39.30, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 14:46:01

PAGE 74

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
-----	-----	-----	-----	-----
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NorthgateVallejo\_HRA\_PM10\_012219.ADO.txt

ALL HIGH 1ST HIGH VALUE IS 63.90175 ON 10121106: AT ( 567974.57,  
4220158.79, 37.25, 37.25, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 75

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 24-HR

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID	(YYMMDDHH)	
-----			
-----			

ALL HIGH 1ST HIGH VALUE IS 21.97727c ON 10120124: AT ( 567924.57,  
4220158.79, 36.36, 36.36, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
01/16/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:46:01

PAGE 76

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of                    0 Fatal Error Message(s)  
A Total of                    1 Warning Message(s)  
A Total of                    10597 Informational Message(s)  
  
A Total of                    43872 Hours Were Processed  
  
A Total of                    9342 Calm Hours Identified  
  
A Total of                    1255 Missing Hours Identified ( 2.86 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
MX W481 43873                    MAIN: Data Remaining After End of Year. Number of Hours=  
48

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

Northgate Val Iej o\_I -80. ADI

\*\*

\*\*\*\*\*

\*\*

\*\* AERMOD Input Produced by:

\*\* AERMOD Vi ew Ver. 9.6.5

\*\* Lakes Environmental Software Inc.

\*\* Date: 2/1/2019

\*\* Fi le: C:\Lakes\AERMOD Vi ew\Northgate Val Iej o\_I -80\Northgate Val Iej o\_I -80. ADI

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\*\*\*\*\*

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\*\*\*\*\*

\*\* AERMOD Control Pathway

\*\*\*\*\*

\*\*

\*\*

CO STARTING

TITLEONE C:\Users\jared.stine\Desktop\NorthgateVal Iej o\_HRA\NorthgateVal Iej o\_H

MODELOPT DFAULT CONC

AVERTIME 1 24 ANNUAL

URBANOPT 445458 Solano\_County

POLLUTID PM\_10

RUNORNOT RUN

ERRORFIL "Northgate Val Iej o\_I -80. err"

CO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Source Pathway

\*\*\*\*\*

\*\*

\*\*

SO STARTING

\*\* Source Location \*\*

\*\* Source ID - Type - X Coord. - Y Coord. \*\*

\*\*

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC I-80 NB

\*\* PREFIX

\*\* Length of Side = 17.00

\*\* Configurati on = Adjacent

\*\* Emi ssi on Rate = 0.0002937

\*\* Verti cal Di mensi on = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 4

\*\* 567509.302, 4219779.559, 37.54, 3.06, 7.91

\*\* 567578.234, 4219960.508, 33.44, 3.06, 7.91

\*\* 568139.517, 4221103.141, 31.08, 3.06, 7.91

Northgate Vallejo\_I -80. ADI

\*\* 568341. 513, 4221500. 541, 43. 41, 3. 06, 7. 91

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LOCATI ON	L0058823	VOLUME	567512. 328	4219787. 502	37. 68
LOCATI ON	L0058824	VOLUME	567518. 380	4219803. 389	37. 49
LOCATI ON	L0058825	VOLUME	567524. 431	4219819. 275	37. 29
LOCATI ON	L0058826	VOLUME	567530. 483	4219835. 161	36. 93
LOCATI ON	L0058827	VOLUME	567536. 535	4219851. 048	36. 39
LOCATI ON	L0058828	VOLUME	567542. 587	4219866. 934	36. 05
LOCATI ON	L0058829	VOLUME	567548. 639	4219882. 820	35. 86
LOCATI ON	L0058830	VOLUME	567554. 691	4219898. 706	35. 75
LOCATI ON	L0058831	VOLUME	567560. 743	4219914. 593	35. 44
LOCATI ON	L0058832	VOLUME	567566. 795	4219930. 479	34. 85
LOCATI ON	L0058833	VOLUME	567572. 847	4219946. 365	34. 25
LOCATI ON	L0058834	VOLUME	567579. 057	4219962. 183	33. 73
LOCATI ON	L0058835	VOLUME	567586. 552	4219977. 441	33. 18
LOCATI ON	L0058836	VOLUME	567594. 048	4219992. 700	32. 85
LOCATI ON	L0058837	VOLUME	567601. 543	4220007. 958	32. 73
LOCATI ON	L0058838	VOLUME	567609. 038	4220023. 217	32. 63
LOCATI ON	L0058839	VOLUME	567616. 533	4220038. 475	32. 55
LOCATI ON	L0058840	VOLUME	567624. 029	4220053. 734	32. 44
LOCATI ON	L0058841	VOLUME	567631. 524	4220068. 992	32. 31
LOCATI ON	L0058842	VOLUME	567639. 019	4220084. 251	32. 16
LOCATI ON	L0058843	VOLUME	567646. 514	4220099. 509	32. 03
LOCATI ON	L0058844	VOLUME	567654. 010	4220114. 767	31. 85
LOCATI ON	L0058845	VOLUME	567661. 505	4220130. 026	31. 64
LOCATI ON	L0058846	VOLUME	567669. 000	4220145. 284	31. 45
LOCATI ON	L0058847	VOLUME	567676. 495	4220160. 543	31. 38
LOCATI ON	L0058848	VOLUME	567683. 991	4220175. 801	31. 02
LOCATI ON	L0058849	VOLUME	567691. 486	4220191. 060	30. 54
LOCATI ON	L0058850	VOLUME	567698. 981	4220206. 318	30. 34
LOCATI ON	L0058851	VOLUME	567706. 476	4220221. 577	30. 42
LOCATI ON	L0058852	VOLUME	567713. 972	4220236. 835	30. 58
LOCATI ON	L0058853	VOLUME	567721. 467	4220252. 094	30. 69
LOCATI ON	L0058854	VOLUME	567728. 962	4220267. 352	30. 70
LOCATI ON	L0058855	VOLUME	567736. 457	4220282. 611	30. 69
LOCATI ON	L0058856	VOLUME	567743. 953	4220297. 869	30. 69
LOCATI ON	L0058857	VOLUME	567751. 448	4220313. 128	30. 76
LOCATI ON	L0058858	VOLUME	567758. 943	4220328. 386	30. 84
LOCATI ON	L0058859	VOLUME	567766. 438	4220343. 645	30. 88
LOCATI ON	L0058860	VOLUME	567773. 934	4220358. 903	30. 96
LOCATI ON	L0058861	VOLUME	567781. 429	4220374. 162	31. 20
LOCATI ON	L0058862	VOLUME	567788. 924	4220389. 420	31. 39
LOCATI ON	L0058863	VOLUME	567796. 419	4220404. 679	32. 33
LOCATI ON	L0058864	VOLUME	567803. 915	4220419. 937	33. 41
LOCATI ON	L0058865	VOLUME	567811. 410	4220435. 196	32. 71
LOCATI ON	L0058866	VOLUME	567818. 905	4220450. 454	32. 75
LOCATI ON	L0058867	VOLUME	567826. 400	4220465. 713	33. 56
LOCATI ON	L0058868	VOLUME	567833. 896	4220480. 971	33. 23
LOCATI ON	L0058869	VOLUME	567841. 391	4220496. 230	32. 82

Northgate Vallejo\_I -80. ADI

LOCATI ON	L0058870	VOLUME	567848.886	4220511.488	33.10
LOCATI ON	L0058871	VOLUME	567856.381	4220526.746	32.52
LOCATI ON	L0058872	VOLUME	567863.877	4220542.005	31.05
LOCATI ON	L0058873	VOLUME	567871.372	4220557.263	30.88
LOCATI ON	L0058874	VOLUME	567878.867	4220572.522	30.28
LOCATI ON	L0058875	VOLUME	567886.362	4220587.780	29.98
LOCATI ON	L0058876	VOLUME	567893.858	4220603.039	29.33
LOCATI ON	L0058877	VOLUME	567901.353	4220618.297	28.52
LOCATI ON	L0058878	VOLUME	567908.848	4220633.556	27.93
LOCATI ON	L0058879	VOLUME	567916.343	4220648.814	27.15
LOCATI ON	L0058880	VOLUME	567923.839	4220664.073	26.50
LOCATI ON	L0058881	VOLUME	567931.334	4220679.331	26.57
LOCATI ON	L0058882	VOLUME	567938.829	4220694.590	26.64
LOCATI ON	L0058883	VOLUME	567946.324	4220709.848	26.64
LOCATI ON	L0058884	VOLUME	567953.820	4220725.107	26.70
LOCATI ON	L0058885	VOLUME	567961.315	4220740.365	26.79
LOCATI ON	L0058886	VOLUME	567968.810	4220755.624	26.83
LOCATI ON	L0058887	VOLUME	567976.305	4220770.882	26.85
LOCATI ON	L0058888	VOLUME	567983.801	4220786.141	26.84
LOCATI ON	L0058889	VOLUME	567991.296	4220801.399	27.47
LOCATI ON	L0058890	VOLUME	567998.791	4220816.658	28.06
LOCATI ON	L0058891	VOLUME	568006.286	4220831.916	28.16
LOCATI ON	L0058892	VOLUME	568013.782	4220847.175	28.23
LOCATI ON	L0058893	VOLUME	568021.277	4220862.433	28.35
LOCATI ON	L0058894	VOLUME	568028.772	4220877.692	28.46
LOCATI ON	L0058895	VOLUME	568036.267	4220892.950	28.88
LOCATI ON	L0058896	VOLUME	568043.763	4220908.208	29.32
LOCATI ON	L0058897	VOLUME	568051.258	4220923.467	29.44
LOCATI ON	L0058898	VOLUME	568058.753	4220938.725	29.52
LOCATI ON	L0058899	VOLUME	568066.248	4220953.984	29.41
LOCATI ON	L0058900	VOLUME	568073.744	4220969.242	29.55
LOCATI ON	L0058901	VOLUME	568081.239	4220984.501	29.55
LOCATI ON	L0058902	VOLUME	568088.734	4220999.759	29.60
LOCATI ON	L0058903	VOLUME	568096.229	4221015.018	29.60
LOCATI ON	L0058904	VOLUME	568103.725	4221030.276	29.65
LOCATI ON	L0058905	VOLUME	568111.220	4221045.535	29.73
LOCATI ON	L0058906	VOLUME	568118.715	4221060.793	29.94
LOCATI ON	L0058907	VOLUME	568126.210	4221076.052	30.52
LOCATI ON	L0058908	VOLUME	568133.706	4221091.310	30.92
LOCATI ON	L0058909	VOLUME	568141.248	4221106.545	31.11
LOCATI ON	L0058910	VOLUME	568148.951	4221121.700	31.23
LOCATI ON	L0058911	VOLUME	568156.654	4221136.855	31.49
LOCATI ON	L0058912	VOLUME	568164.357	4221152.009	31.72
LOCATI ON	L0058913	VOLUME	568172.060	4221167.164	31.81
LOCATI ON	L0058914	VOLUME	568179.763	4221182.319	31.92
LOCATI ON	L0058915	VOLUME	568187.466	4221197.473	31.93
LOCATI ON	L0058916	VOLUME	568195.169	4221212.628	31.91
LOCATI ON	L0058917	VOLUME	568202.872	4221227.783	31.90
LOCATI ON	L0058918	VOLUME	568210.575	4221242.937	31.89

Northgate Vallejo\_I-80.ADI

LOCATI ON	L0058919	VOLUME	568218.278	4221258.092	31.88
LOCATI ON	L0058920	VOLUME	568225.981	4221273.247	31.92
LOCATI ON	L0058921	VOLUME	568233.684	4221288.401	32.09
LOCATI ON	L0058922	VOLUME	568241.387	4221303.556	32.47
LOCATI ON	L0058923	VOLUME	568249.090	4221318.711	32.90
LOCATI ON	L0058924	VOLUME	568256.793	4221333.865	33.63
LOCATI ON	L0058925	VOLUME	568264.496	4221349.020	34.68
LOCATI ON	L0058926	VOLUME	568272.199	4221364.175	35.77
LOCATI ON	L0058927	VOLUME	568279.902	4221379.329	36.84
LOCATI ON	L0058928	VOLUME	568287.605	4221394.484	37.74
LOCATI ON	L0058929	VOLUME	568295.308	4221409.638	38.36
LOCATI ON	L0058930	VOLUME	568303.011	4221424.793	39.08
LOCATI ON	L0058931	VOLUME	568310.714	4221439.948	40.08
LOCATI ON	L0058932	VOLUME	568318.417	4221455.102	41.78
LOCATI ON	L0058933	VOLUME	568326.120	4221470.257	42.81
LOCATI ON	L0058934	VOLUME	568333.823	4221485.412	43.21

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC I-80 SB

\*\* PREFIX

\*\* Length of Side = 17.00

\*\* Configurati on = Adjacent

\*\* Emi ssi on Rate = 0.0002937

\*\* Verti cal Di mensi on = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 4

\*\* 568328.025, 4221523.190, 42.78, 3.06, 7.91

\*\* 568122.429, 4221110.487, 31.15, 3.06, 7.91

\*\* 567560.617, 4219964.990, 34.58, 3.06, 7.91

\*\* 567491.266, 4219772.373, 37.85, 3.06, 7.91

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LOCATI ON	L0059161	VOLUME	568324.235	4221515.582	43.02
LOCATI ON	L0059162	VOLUME	568316.655	4221500.366	43.57
LOCATI ON	L0059163	VOLUME	568309.075	4221485.150	42.17
LOCATI ON	L0059164	VOLUME	568301.494	4221469.933	40.63
LOCATI ON	L0059165	VOLUME	568293.914	4221454.717	39.27
LOCATI ON	L0059166	VOLUME	568286.334	4221439.500	38.64
LOCATI ON	L0059167	VOLUME	568278.753	4221424.284	38.20
LOCATI ON	L0059168	VOLUME	568271.173	4221409.068	37.65
LOCATI ON	L0059169	VOLUME	568263.592	4221393.851	36.21
LOCATI ON	L0059170	VOLUME	568256.012	4221378.635	34.55
LOCATI ON	L0059171	VOLUME	568248.432	4221363.418	33.36
LOCATI ON	L0059172	VOLUME	568240.851	4221348.202	32.72
LOCATI ON	L0059173	VOLUME	568233.271	4221332.986	32.40
LOCATI ON	L0059174	VOLUME	568225.691	4221317.769	32.18
LOCATI ON	L0059175	VOLUME	568218.110	4221302.553	31.95
LOCATI ON	L0059176	VOLUME	568210.530	4221287.337	31.70



Northgate Vallejo\_I -80. ADI

LOCATI ON	L0059177	VOLUME	568202.950	4221272.120	31.59
LOCATI ON	L0059178	VOLUME	568195.369	4221256.904	31.60
LOCATI ON	L0059179	VOLUME	568187.789	4221241.687	31.60
LOCATI ON	L0059180	VOLUME	568180.209	4221226.471	31.61
LOCATI ON	L0059181	VOLUME	568172.628	4221211.255	31.63
LOCATI ON	L0059182	VOLUME	568165.048	4221196.038	31.63
LOCATI ON	L0059183	VOLUME	568157.468	4221180.822	31.64
LOCATI ON	L0059184	VOLUME	568149.887	4221165.605	31.64
LOCATI ON	L0059185	VOLUME	568142.307	4221150.389	31.53
LOCATI ON	L0059186	VOLUME	568134.727	4221135.173	31.38
LOCATI ON	L0059187	VOLUME	568127.146	4221119.956	31.31
LOCATI ON	L0059188	VOLUME	568119.602	4221104.722	30.83
LOCATI ON	L0059189	VOLUME	568112.116	4221089.459	30.25
LOCATI ON	L0059190	VOLUME	568104.630	4221074.196	29.61
LOCATI ON	L0059191	VOLUME	568097.144	4221058.933	29.17
LOCATI ON	L0059192	VOLUME	568089.658	4221043.670	29.09
LOCATI ON	L0059193	VOLUME	568082.172	4221028.407	29.03
LOCATI ON	L0059194	VOLUME	568074.687	4221013.144	29.08
LOCATI ON	L0059195	VOLUME	568067.201	4220997.881	29.09
LOCATI ON	L0059196	VOLUME	568059.715	4220982.617	29.08
LOCATI ON	L0059197	VOLUME	568052.229	4220967.354	29.13
LOCATI ON	L0059198	VOLUME	568044.743	4220952.091	29.09
LOCATI ON	L0059199	VOLUME	568037.257	4220936.828	29.09
LOCATI ON	L0059200	VOLUME	568029.772	4220921.565	29.11
LOCATI ON	L0059201	VOLUME	568022.286	4220906.302	29.03
LOCATI ON	L0059202	VOLUME	568014.800	4220891.039	28.66
LOCATI ON	L0059203	VOLUME	568007.314	4220875.776	28.58
LOCATI ON	L0059204	VOLUME	567999.828	4220860.513	28.36
LOCATI ON	L0059205	VOLUME	567992.342	4220845.250	28.23
LOCATI ON	L0059206	VOLUME	567984.857	4220829.986	28.13
LOCATI ON	L0059207	VOLUME	567977.371	4220814.723	28.03
LOCATI ON	L0059208	VOLUME	567969.885	4220799.460	27.57
LOCATI ON	L0059209	VOLUME	567962.399	4220784.197	27.35
LOCATI ON	L0059210	VOLUME	567954.913	4220768.934	27.15
LOCATI ON	L0059211	VOLUME	567947.427	4220753.671	26.84
LOCATI ON	L0059212	VOLUME	567939.942	4220738.408	26.72
LOCATI ON	L0059213	VOLUME	567932.456	4220723.145	26.69
LOCATI ON	L0059214	VOLUME	567924.970	4220707.882	26.72
LOCATI ON	L0059215	VOLUME	567917.484	4220692.618	26.79
LOCATI ON	L0059216	VOLUME	567909.998	4220677.355	26.75
LOCATI ON	L0059217	VOLUME	567902.512	4220662.092	26.58
LOCATI ON	L0059218	VOLUME	567895.027	4220646.829	27.14
LOCATI ON	L0059219	VOLUME	567887.541	4220631.566	27.74
LOCATI ON	L0059220	VOLUME	567880.055	4220616.303	28.58
LOCATI ON	L0059221	VOLUME	567872.569	4220601.040	29.96
LOCATI ON	L0059222	VOLUME	567865.083	4220585.777	30.28
LOCATI ON	L0059223	VOLUME	567857.597	4220570.514	30.33
LOCATI ON	L0059224	VOLUME	567850.112	4220555.251	30.76
LOCATI ON	L0059225	VOLUME	567842.626	4220539.987	30.87

Northgate Vallejo\_I -80. ADI

LOCATI ON	L0059226	VOLUME	567835.140	4220524.724	30.78
LOCATI ON	L0059227	VOLUME	567827.654	4220509.461	30.74
LOCATI ON	L0059228	VOLUME	567820.168	4220494.198	31.14
LOCATI ON	L0059229	VOLUME	567812.683	4220478.935	30.84
LOCATI ON	L0059230	VOLUME	567805.197	4220463.672	30.93
LOCATI ON	L0059231	VOLUME	567797.711	4220448.409	30.95
LOCATI ON	L0059232	VOLUME	567790.225	4220433.146	30.83
LOCATI ON	L0059233	VOLUME	567782.739	4220417.883	30.69
LOCATI ON	L0059234	VOLUME	567775.253	4220402.620	30.67
LOCATI ON	L0059235	VOLUME	567767.768	4220387.356	30.60
LOCATI ON	L0059236	VOLUME	567760.282	4220372.093	30.48
LOCATI ON	L0059237	VOLUME	567752.796	4220356.830	30.41
LOCATI ON	L0059238	VOLUME	567745.310	4220341.567	30.37
LOCATI ON	L0059239	VOLUME	567737.824	4220326.304	30.35
LOCATI ON	L0059240	VOLUME	567730.338	4220311.041	30.34
LOCATI ON	L0059241	VOLUME	567722.853	4220295.778	30.33
LOCATI ON	L0059242	VOLUME	567715.367	4220280.515	30.34
LOCATI ON	L0059243	VOLUME	567707.881	4220265.252	30.33
LOCATI ON	L0059244	VOLUME	567700.395	4220249.988	30.23
LOCATI ON	L0059245	VOLUME	567692.909	4220234.725	30.07
LOCATI ON	L0059246	VOLUME	567685.423	4220219.462	30.11
LOCATI ON	L0059247	VOLUME	567677.938	4220204.199	30.45
LOCATI ON	L0059248	VOLUME	567670.452	4220188.936	30.98
LOCATI ON	L0059249	VOLUME	567662.966	4220173.673	31.56
LOCATI ON	L0059250	VOLUME	567655.480	4220158.410	31.95
LOCATI ON	L0059251	VOLUME	567647.994	4220143.147	32.20
LOCATI ON	L0059252	VOLUME	567640.508	4220127.884	32.43
LOCATI ON	L0059253	VOLUME	567633.023	4220112.621	32.60
LOCATI ON	L0059254	VOLUME	567625.537	4220097.357	32.77
LOCATI ON	L0059255	VOLUME	567618.051	4220082.094	32.92
LOCATI ON	L0059256	VOLUME	567610.565	4220066.831	33.04
LOCATI ON	L0059257	VOLUME	567603.079	4220051.568	33.18
LOCATI ON	L0059258	VOLUME	567595.593	4220036.305	33.36
LOCATI ON	L0059259	VOLUME	567588.108	4220021.042	33.60
LOCATI ON	L0059260	VOLUME	567580.622	4220005.779	33.87
LOCATI ON	L0059261	VOLUME	567573.136	4219990.516	34.23
LOCATI ON	L0059262	VOLUME	567565.650	4219975.253	34.73
LOCATI ON	L0059263	VOLUME	567558.730	4219959.750	35.25
LOCATI ON	L0059264	VOLUME	567552.971	4219943.755	35.74
LOCATI ON	L0059265	VOLUME	567547.212	4219927.760	36.26
LOCATI ON	L0059266	VOLUME	567541.453	4219911.765	36.48
LOCATI ON	L0059267	VOLUME	567535.695	4219895.770	36.37
LOCATI ON	L0059268	VOLUME	567529.936	4219879.776	36.37
LOCATI ON	L0059269	VOLUME	567524.177	4219863.781	36.60
LOCATI ON	L0059270	VOLUME	567518.418	4219847.786	36.85
LOCATI ON	L0059271	VOLUME	567512.659	4219831.791	37.16
LOCATI ON	L0059272	VOLUME	567506.900	4219815.796	37.36
LOCATI ON	L0059273	VOLUME	567501.141	4219799.801	37.55
LOCATI ON	L0059274	VOLUME	567495.382	4219783.806	37.72

Northgate Vallejo\_I-80.ADI

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0058823	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058824	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058825	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058826	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058827	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058828	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058829	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058830	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058831	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058832	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058833	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058834	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058835	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058836	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058837	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058838	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058839	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058840	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058842	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058843	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058845	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058846	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058847	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058848	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058859	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058861	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058863	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058864	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058865	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058866	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058867	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058868	0.000002622	3.06	7.91	2.85

Northgate Vallejo\_I -80. ADI

SRCPARAM	L0058869	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058870	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058871	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058872	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058873	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058874	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058875	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058876	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058877	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058878	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058879	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058880	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058886	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058890	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058892	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058898	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058900	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058902	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058903	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058904	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058906	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058907	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058908	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058910	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058912	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058915	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058916	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058917	0.000002622	3.06	7.91	2.85

Northgate Vallejo\_I -80. ADI

SRCPARAM	L0058918	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058919	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058920	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058921	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058922	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058923	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058924	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058925	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058926	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058927	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058929	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058930	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058931	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058933	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058934	0.000002622	3.06	7.91	2.85

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\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM	L0059161	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059162	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059163	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059164	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059165	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059166	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059167	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059168	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059169	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059170	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059171	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059172	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059173	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059174	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059175	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059176	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059177	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059178	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059179	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059180	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059181	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059182	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059183	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059184	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059185	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059186	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059187	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059188	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059190	0.000002576	3.06	7.91	2.85

Northgate Vallejo\_I -80. ADI

SRCPARAM	L0059191	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059192	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059193	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059194	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059195	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059196	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059197	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059198	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059199	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059200	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059201	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059202	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059203	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059204	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059205	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059206	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059207	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059208	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059209	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059210	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059211	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059212	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059213	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059214	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059215	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059216	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059217	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059218	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059219	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059220	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059221	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059222	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059223	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059224	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059225	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059226	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059227	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059228	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059229	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059230	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059231	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059232	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059233	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059234	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059235	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059236	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059237	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059238	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059239	0.000002576	3.06	7.91	2.85

Northgate Vallejo\_I -80. ADI

SRCPARAM	L0059240	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059241	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059242	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059246	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059247	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059248	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059249	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059250	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059251	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059252	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059253	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059255	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059257	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059259	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059260	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059261	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059262	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059264	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059265	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059266	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059267	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059268	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059269	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059270	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059271	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059272	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059273	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059274	0.000002576	3.06	7.91	2.85

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URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Northgate Vallejo\_I -80.rou"

RE FINISHED

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Northgate Vallejo\_I -80. ADI

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE NapaCountyAirport\_MetData\724955. SFC

PROFFILE NapaCountyAirport\_MetData\724955. PFL

SURFDATA 93227 2009 Napa\_County\_Airport

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 4.3 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

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\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "NORTHGATE VALLEJO\_I -80. AD\01H1GALL. PLT" 31

PLOTFILE 24 ALL 1ST "NORTHGATE VALLEJO\_I -80. AD\24H1GALL. PLT" 32

PLOTFILE ANNUAL ALL "NORTHGATE VALLEJO\_I -80. AD\AN00GALL. PLT" 33

SUMMFILE "Northgate Vallejo\_I -80. sum"

OU FINISHED

\*\*

\*\*\*\*\*

\*\* Project Parameters

\*\*\*\*\*

\*\* PROJCTN CoordinateSystemUTM

\*\* DESCPTN UTM: Universal Transverse Mercator

\*\* DATUM World Geodetic System 1984

\*\* DTMRGN Global Definition

\*\* UNITS m

\*\* ZONE 10

\*\* ZONEINX 0

\*\*



Northgate Val Iej o\_I -80. ADO

\*\*

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\*\*

\*\* AERMOD Input Produced by:

\*\* AERMOD Vi ew Ver. 9.6.5

\*\* Lakes Environmental Software Inc.

\*\* Date: 2/1/2019

\*\* Fi le: C:\Lakes\AERMOD Vi ew\Northgate Val Iej o\_I -80\Northgate Val Iej o\_I -80. ADI

\*\*

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\*\* AERMOD Control Pathway

\*\*\*\*\*

\*\*

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CO STARTING

TITLEONE C:\Users\jared.stine\Desktop\NorthgateVal Iej o\_HRA\NorthgateVal Iej o\_H

MODELOPT DFAULT CONC

AVERTIME 1 24 ANNUAL

URBANOPT 445458 Solano\_County

POLLUTID PM\_10

RUNORNOT RUN

ERRORFIL "Northgate Val Iej o\_I -80. err"

CO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Source Pathway

\*\*\*\*\*

\*\*

\*\*

SO STARTING

\*\* Source Location \*\*

\*\* Source ID - Type - X Coord. - Y Coord. \*\*

\*\*

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

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC I-80 NB

\*\* PREFIX

\*\* Length of Side = 17.00

\*\* Confirguration = Adjacent

\*\* Emi ssi on Rate = 0.0002937

\*\* Verti cal Di mensi on = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 4

\*\* 567509.302, 4219779.559, 37.54, 3.06, 7.91

\*\* 567578.234, 4219960.508, 33.44, 3.06, 7.91

\*\* 568139.517, 4221103.141, 31.08, 3.06, 7.91

Northgate Vallejo\_I -80. ADO

\*\* 568341. 513, 4221500. 541, 43. 41, 3. 06, 7. 91

\*\*

LOCATI ON	L0058823	VOLUME	567512. 328	4219787. 502	37. 68
LOCATI ON	L0058824	VOLUME	567518. 380	4219803. 389	37. 49
LOCATI ON	L0058825	VOLUME	567524. 431	4219819. 275	37. 29
LOCATI ON	L0058826	VOLUME	567530. 483	4219835. 161	36. 93
LOCATI ON	L0058827	VOLUME	567536. 535	4219851. 048	36. 39
LOCATI ON	L0058828	VOLUME	567542. 587	4219866. 934	36. 05
LOCATI ON	L0058829	VOLUME	567548. 639	4219882. 820	35. 86
LOCATI ON	L0058830	VOLUME	567554. 691	4219898. 706	35. 75
LOCATI ON	L0058831	VOLUME	567560. 743	4219914. 593	35. 44
LOCATI ON	L0058832	VOLUME	567566. 795	4219930. 479	34. 85
LOCATI ON	L0058833	VOLUME	567572. 847	4219946. 365	34. 25
LOCATI ON	L0058834	VOLUME	567579. 057	4219962. 183	33. 73
LOCATI ON	L0058835	VOLUME	567586. 552	4219977. 441	33. 18
LOCATI ON	L0058836	VOLUME	567594. 048	4219992. 700	32. 85
LOCATI ON	L0058837	VOLUME	567601. 543	4220007. 958	32. 73
LOCATI ON	L0058838	VOLUME	567609. 038	4220023. 217	32. 63
LOCATI ON	L0058839	VOLUME	567616. 533	4220038. 475	32. 55
LOCATI ON	L0058840	VOLUME	567624. 029	4220053. 734	32. 44
LOCATI ON	L0058841	VOLUME	567631. 524	4220068. 992	32. 31
LOCATI ON	L0058842	VOLUME	567639. 019	4220084. 251	32. 16
LOCATI ON	L0058843	VOLUME	567646. 514	4220099. 509	32. 03
LOCATI ON	L0058844	VOLUME	567654. 010	4220114. 767	31. 85
LOCATI ON	L0058845	VOLUME	567661. 505	4220130. 026	31. 64
LOCATI ON	L0058846	VOLUME	567669. 000	4220145. 284	31. 45
LOCATI ON	L0058847	VOLUME	567676. 495	4220160. 543	31. 38
LOCATI ON	L0058848	VOLUME	567683. 991	4220175. 801	31. 02
LOCATI ON	L0058849	VOLUME	567691. 486	4220191. 060	30. 54
LOCATI ON	L0058850	VOLUME	567698. 981	4220206. 318	30. 34
LOCATI ON	L0058851	VOLUME	567706. 476	4220221. 577	30. 42
LOCATI ON	L0058852	VOLUME	567713. 972	4220236. 835	30. 58
LOCATI ON	L0058853	VOLUME	567721. 467	4220252. 094	30. 69
LOCATI ON	L0058854	VOLUME	567728. 962	4220267. 352	30. 70
LOCATI ON	L0058855	VOLUME	567736. 457	4220282. 611	30. 69
LOCATI ON	L0058856	VOLUME	567743. 953	4220297. 869	30. 69
LOCATI ON	L0058857	VOLUME	567751. 448	4220313. 128	30. 76
LOCATI ON	L0058858	VOLUME	567758. 943	4220328. 386	30. 84
LOCATI ON	L0058859	VOLUME	567766. 438	4220343. 645	30. 88
LOCATI ON	L0058860	VOLUME	567773. 934	4220358. 903	30. 96
LOCATI ON	L0058861	VOLUME	567781. 429	4220374. 162	31. 20
LOCATI ON	L0058862	VOLUME	567788. 924	4220389. 420	31. 39
LOCATI ON	L0058863	VOLUME	567796. 419	4220404. 679	32. 33
LOCATI ON	L0058864	VOLUME	567803. 915	4220419. 937	33. 41
LOCATI ON	L0058865	VOLUME	567811. 410	4220435. 196	32. 71
LOCATI ON	L0058866	VOLUME	567818. 905	4220450. 454	32. 75
LOCATI ON	L0058867	VOLUME	567826. 400	4220465. 713	33. 56
LOCATI ON	L0058868	VOLUME	567833. 896	4220480. 971	33. 23
LOCATI ON	L0058869	VOLUME	567841. 391	4220496. 230	32. 82

Northgate Vallejo\_I-80.ADO

LOCATI ON	L0058870	VOLUME	567848.886	4220511.488	33.10
LOCATI ON	L0058871	VOLUME	567856.381	4220526.746	32.52
LOCATI ON	L0058872	VOLUME	567863.877	4220542.005	31.05
LOCATI ON	L0058873	VOLUME	567871.372	4220557.263	30.88
LOCATI ON	L0058874	VOLUME	567878.867	4220572.522	30.28
LOCATI ON	L0058875	VOLUME	567886.362	4220587.780	29.98
LOCATI ON	L0058876	VOLUME	567893.858	4220603.039	29.33
LOCATI ON	L0058877	VOLUME	567901.353	4220618.297	28.52
LOCATI ON	L0058878	VOLUME	567908.848	4220633.556	27.93
LOCATI ON	L0058879	VOLUME	567916.343	4220648.814	27.15
LOCATI ON	L0058880	VOLUME	567923.839	4220664.073	26.50
LOCATI ON	L0058881	VOLUME	567931.334	4220679.331	26.57
LOCATI ON	L0058882	VOLUME	567938.829	4220694.590	26.64
LOCATI ON	L0058883	VOLUME	567946.324	4220709.848	26.64
LOCATI ON	L0058884	VOLUME	567953.820	4220725.107	26.70
LOCATI ON	L0058885	VOLUME	567961.315	4220740.365	26.79
LOCATI ON	L0058886	VOLUME	567968.810	4220755.624	26.83
LOCATI ON	L0058887	VOLUME	567976.305	4220770.882	26.85
LOCATI ON	L0058888	VOLUME	567983.801	4220786.141	26.84
LOCATI ON	L0058889	VOLUME	567991.296	4220801.399	27.47
LOCATI ON	L0058890	VOLUME	567998.791	4220816.658	28.06
LOCATI ON	L0058891	VOLUME	568006.286	4220831.916	28.16
LOCATI ON	L0058892	VOLUME	568013.782	4220847.175	28.23
LOCATI ON	L0058893	VOLUME	568021.277	4220862.433	28.35
LOCATI ON	L0058894	VOLUME	568028.772	4220877.692	28.46
LOCATI ON	L0058895	VOLUME	568036.267	4220892.950	28.88
LOCATI ON	L0058896	VOLUME	568043.763	4220908.208	29.32
LOCATI ON	L0058897	VOLUME	568051.258	4220923.467	29.44
LOCATI ON	L0058898	VOLUME	568058.753	4220938.725	29.52
LOCATI ON	L0058899	VOLUME	568066.248	4220953.984	29.41
LOCATI ON	L0058900	VOLUME	568073.744	4220969.242	29.55
LOCATI ON	L0058901	VOLUME	568081.239	4220984.501	29.55
LOCATI ON	L0058902	VOLUME	568088.734	4220999.759	29.60
LOCATI ON	L0058903	VOLUME	568096.229	4221015.018	29.60
LOCATI ON	L0058904	VOLUME	568103.725	4221030.276	29.65
LOCATI ON	L0058905	VOLUME	568111.220	4221045.535	29.73
LOCATI ON	L0058906	VOLUME	568118.715	4221060.793	29.94
LOCATI ON	L0058907	VOLUME	568126.210	4221076.052	30.52
LOCATI ON	L0058908	VOLUME	568133.706	4221091.310	30.92
LOCATI ON	L0058909	VOLUME	568141.248	4221106.545	31.11
LOCATI ON	L0058910	VOLUME	568148.951	4221121.700	31.23
LOCATI ON	L0058911	VOLUME	568156.654	4221136.855	31.49
LOCATI ON	L0058912	VOLUME	568164.357	4221152.009	31.72
LOCATI ON	L0058913	VOLUME	568172.060	4221167.164	31.81
LOCATI ON	L0058914	VOLUME	568179.763	4221182.319	31.92
LOCATI ON	L0058915	VOLUME	568187.466	4221197.473	31.93
LOCATI ON	L0058916	VOLUME	568195.169	4221212.628	31.91
LOCATI ON	L0058917	VOLUME	568202.872	4221227.783	31.90
LOCATI ON	L0058918	VOLUME	568210.575	4221242.937	31.89

Northgate Vallejo\_I-80.ADO

LOCATI ON	L0058919	VOLUME	568218.278	4221258.092	31.88
LOCATI ON	L0058920	VOLUME	568225.981	4221273.247	31.92
LOCATI ON	L0058921	VOLUME	568233.684	4221288.401	32.09
LOCATI ON	L0058922	VOLUME	568241.387	4221303.556	32.47
LOCATI ON	L0058923	VOLUME	568249.090	4221318.711	32.90
LOCATI ON	L0058924	VOLUME	568256.793	4221333.865	33.63
LOCATI ON	L0058925	VOLUME	568264.496	4221349.020	34.68
LOCATI ON	L0058926	VOLUME	568272.199	4221364.175	35.77
LOCATI ON	L0058927	VOLUME	568279.902	4221379.329	36.84
LOCATI ON	L0058928	VOLUME	568287.605	4221394.484	37.74
LOCATI ON	L0058929	VOLUME	568295.308	4221409.638	38.36
LOCATI ON	L0058930	VOLUME	568303.011	4221424.793	39.08
LOCATI ON	L0058931	VOLUME	568310.714	4221439.948	40.08
LOCATI ON	L0058932	VOLUME	568318.417	4221455.102	41.78
LOCATI ON	L0058933	VOLUME	568326.120	4221470.257	42.81
LOCATI ON	L0058934	VOLUME	568333.823	4221485.412	43.21

\*\* End of LINE VOLUME Source ID = SLINE1

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC I-80 SB

\*\* PREFIX

\*\* Length of Side = 17.00

\*\* Configurati on = Adjacent

\*\* Emi ssi on Rate = 0.0002937

\*\* Verti cal Di mensi on = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 4

\*\* 568328.025, 4221523.190, 42.78, 3.06, 7.91

\*\* 568122.429, 4221110.487, 31.15, 3.06, 7.91

\*\* 567560.617, 4219964.990, 34.58, 3.06, 7.91

\*\* 567491.266, 4219772.373, 37.85, 3.06, 7.91

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LOCATI ON	L0059161	VOLUME	568324.235	4221515.582	43.02
LOCATI ON	L0059162	VOLUME	568316.655	4221500.366	43.57
LOCATI ON	L0059163	VOLUME	568309.075	4221485.150	42.17
LOCATI ON	L0059164	VOLUME	568301.494	4221469.933	40.63
LOCATI ON	L0059165	VOLUME	568293.914	4221454.717	39.27
LOCATI ON	L0059166	VOLUME	568286.334	4221439.500	38.64
LOCATI ON	L0059167	VOLUME	568278.753	4221424.284	38.20
LOCATI ON	L0059168	VOLUME	568271.173	4221409.068	37.65
LOCATI ON	L0059169	VOLUME	568263.592	4221393.851	36.21
LOCATI ON	L0059170	VOLUME	568256.012	4221378.635	34.55
LOCATI ON	L0059171	VOLUME	568248.432	4221363.418	33.36
LOCATI ON	L0059172	VOLUME	568240.851	4221348.202	32.72
LOCATI ON	L0059173	VOLUME	568233.271	4221332.986	32.40
LOCATI ON	L0059174	VOLUME	568225.691	4221317.769	32.18
LOCATI ON	L0059175	VOLUME	568218.110	4221302.553	31.95
LOCATI ON	L0059176	VOLUME	568210.530	4221287.337	31.70

Northgate Vallejo\_I-80.ADO

LOCATI ON	L0059177	VOLUME	568202.950	4221272.120	31.59
LOCATI ON	L0059178	VOLUME	568195.369	4221256.904	31.60
LOCATI ON	L0059179	VOLUME	568187.789	4221241.687	31.60
LOCATI ON	L0059180	VOLUME	568180.209	4221226.471	31.61
LOCATI ON	L0059181	VOLUME	568172.628	4221211.255	31.63
LOCATI ON	L0059182	VOLUME	568165.048	4221196.038	31.63
LOCATI ON	L0059183	VOLUME	568157.468	4221180.822	31.64
LOCATI ON	L0059184	VOLUME	568149.887	4221165.605	31.64
LOCATI ON	L0059185	VOLUME	568142.307	4221150.389	31.53
LOCATI ON	L0059186	VOLUME	568134.727	4221135.173	31.38
LOCATI ON	L0059187	VOLUME	568127.146	4221119.956	31.31
LOCATI ON	L0059188	VOLUME	568119.602	4221104.722	30.83
LOCATI ON	L0059189	VOLUME	568112.116	4221089.459	30.25
LOCATI ON	L0059190	VOLUME	568104.630	4221074.196	29.61
LOCATI ON	L0059191	VOLUME	568097.144	4221058.933	29.17
LOCATI ON	L0059192	VOLUME	568089.658	4221043.670	29.09
LOCATI ON	L0059193	VOLUME	568082.172	4221028.407	29.03
LOCATI ON	L0059194	VOLUME	568074.687	4221013.144	29.08
LOCATI ON	L0059195	VOLUME	568067.201	4220997.881	29.09
LOCATI ON	L0059196	VOLUME	568059.715	4220982.617	29.08
LOCATI ON	L0059197	VOLUME	568052.229	4220967.354	29.13
LOCATI ON	L0059198	VOLUME	568044.743	4220952.091	29.09
LOCATI ON	L0059199	VOLUME	568037.257	4220936.828	29.09
LOCATI ON	L0059200	VOLUME	568029.772	4220921.565	29.11
LOCATI ON	L0059201	VOLUME	568022.286	4220906.302	29.03
LOCATI ON	L0059202	VOLUME	568014.800	4220891.039	28.66
LOCATI ON	L0059203	VOLUME	568007.314	4220875.776	28.58
LOCATI ON	L0059204	VOLUME	567999.828	4220860.513	28.36
LOCATI ON	L0059205	VOLUME	567992.342	4220845.250	28.23
LOCATI ON	L0059206	VOLUME	567984.857	4220829.986	28.13
LOCATI ON	L0059207	VOLUME	567977.371	4220814.723	28.03
LOCATI ON	L0059208	VOLUME	567969.885	4220799.460	27.57
LOCATI ON	L0059209	VOLUME	567962.399	4220784.197	27.35
LOCATI ON	L0059210	VOLUME	567954.913	4220768.934	27.15
LOCATI ON	L0059211	VOLUME	567947.427	4220753.671	26.84
LOCATI ON	L0059212	VOLUME	567939.942	4220738.408	26.72
LOCATI ON	L0059213	VOLUME	567932.456	4220723.145	26.69
LOCATI ON	L0059214	VOLUME	567924.970	4220707.882	26.72
LOCATI ON	L0059215	VOLUME	567917.484	4220692.618	26.79
LOCATI ON	L0059216	VOLUME	567909.998	4220677.355	26.75
LOCATI ON	L0059217	VOLUME	567902.512	4220662.092	26.58
LOCATI ON	L0059218	VOLUME	567895.027	4220646.829	27.14
LOCATI ON	L0059219	VOLUME	567887.541	4220631.566	27.74
LOCATI ON	L0059220	VOLUME	567880.055	4220616.303	28.58
LOCATI ON	L0059221	VOLUME	567872.569	4220601.040	29.96
LOCATI ON	L0059222	VOLUME	567865.083	4220585.777	30.28
LOCATI ON	L0059223	VOLUME	567857.597	4220570.514	30.33
LOCATI ON	L0059224	VOLUME	567850.112	4220555.251	30.76
LOCATI ON	L0059225	VOLUME	567842.626	4220539.987	30.87

Northgate Vallejo\_I -80. ADO

LOCATI ON	L0059226	VOLUME	567835.140	4220524.724	30.78
LOCATI ON	L0059227	VOLUME	567827.654	4220509.461	30.74
LOCATI ON	L0059228	VOLUME	567820.168	4220494.198	31.14
LOCATI ON	L0059229	VOLUME	567812.683	4220478.935	30.84
LOCATI ON	L0059230	VOLUME	567805.197	4220463.672	30.93
LOCATI ON	L0059231	VOLUME	567797.711	4220448.409	30.95
LOCATI ON	L0059232	VOLUME	567790.225	4220433.146	30.83
LOCATI ON	L0059233	VOLUME	567782.739	4220417.883	30.69
LOCATI ON	L0059234	VOLUME	567775.253	4220402.620	30.67
LOCATI ON	L0059235	VOLUME	567767.768	4220387.356	30.60
LOCATI ON	L0059236	VOLUME	567760.282	4220372.093	30.48
LOCATI ON	L0059237	VOLUME	567752.796	4220356.830	30.41
LOCATI ON	L0059238	VOLUME	567745.310	4220341.567	30.37
LOCATI ON	L0059239	VOLUME	567737.824	4220326.304	30.35
LOCATI ON	L0059240	VOLUME	567730.338	4220311.041	30.34
LOCATI ON	L0059241	VOLUME	567722.853	4220295.778	30.33
LOCATI ON	L0059242	VOLUME	567715.367	4220280.515	30.34
LOCATI ON	L0059243	VOLUME	567707.881	4220265.252	30.33
LOCATI ON	L0059244	VOLUME	567700.395	4220249.988	30.23
LOCATI ON	L0059245	VOLUME	567692.909	4220234.725	30.07
LOCATI ON	L0059246	VOLUME	567685.423	4220219.462	30.11
LOCATI ON	L0059247	VOLUME	567677.938	4220204.199	30.45
LOCATI ON	L0059248	VOLUME	567670.452	4220188.936	30.98
LOCATI ON	L0059249	VOLUME	567662.966	4220173.673	31.56
LOCATI ON	L0059250	VOLUME	567655.480	4220158.410	31.95
LOCATI ON	L0059251	VOLUME	567647.994	4220143.147	32.20
LOCATI ON	L0059252	VOLUME	567640.508	4220127.884	32.43
LOCATI ON	L0059253	VOLUME	567633.023	4220112.621	32.60
LOCATI ON	L0059254	VOLUME	567625.537	4220097.357	32.77
LOCATI ON	L0059255	VOLUME	567618.051	4220082.094	32.92
LOCATI ON	L0059256	VOLUME	567610.565	4220066.831	33.04
LOCATI ON	L0059257	VOLUME	567603.079	4220051.568	33.18
LOCATI ON	L0059258	VOLUME	567595.593	4220036.305	33.36
LOCATI ON	L0059259	VOLUME	567588.108	4220021.042	33.60
LOCATI ON	L0059260	VOLUME	567580.622	4220005.779	33.87
LOCATI ON	L0059261	VOLUME	567573.136	4219990.516	34.23
LOCATI ON	L0059262	VOLUME	567565.650	4219975.253	34.73
LOCATI ON	L0059263	VOLUME	567558.730	4219959.750	35.25
LOCATI ON	L0059264	VOLUME	567552.971	4219943.755	35.74
LOCATI ON	L0059265	VOLUME	567547.212	4219927.760	36.26
LOCATI ON	L0059266	VOLUME	567541.453	4219911.765	36.48
LOCATI ON	L0059267	VOLUME	567535.695	4219895.770	36.37
LOCATI ON	L0059268	VOLUME	567529.936	4219879.776	36.37
LOCATI ON	L0059269	VOLUME	567524.177	4219863.781	36.60
LOCATI ON	L0059270	VOLUME	567518.418	4219847.786	36.85
LOCATI ON	L0059271	VOLUME	567512.659	4219831.791	37.16
LOCATI ON	L0059272	VOLUME	567506.900	4219815.796	37.36
LOCATI ON	L0059273	VOLUME	567501.141	4219799.801	37.55
LOCATI ON	L0059274	VOLUME	567495.382	4219783.806	37.72

Northgate Vallejo\_I-80.ADO

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0058823	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058824	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058825	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058826	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058827	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058828	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058829	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058830	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058831	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058832	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058833	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058834	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058835	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058836	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058837	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058838	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058839	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058840	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058841	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058842	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058843	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058844	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058845	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058846	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058847	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058848	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058849	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058850	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058851	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058852	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058853	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058854	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058855	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058856	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058857	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058858	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058859	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058860	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058861	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058862	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058863	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058864	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058865	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058866	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058867	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058868	0.000002622	3.06	7.91	2.85

Northgate Vallejo\_I -80. ADO

SRCPARAM	L0058869	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058907	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058909	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058912	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058913	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058916	0.000002622	3.06	7.91	2.85
SRCPARAM	L0058917	0.000002622	3.06	7.91	2.85



Northgate Vallejo\_I-80.ADO

SRCPARAM	L0058918	0.000002622	3.06	7.91	2.85
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SRCPARAM	L0058934	0.000002622	3.06	7.91	2.85

\*\*

\*\* LINE VOLUME Source ID = SLINE2

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Northgate Vallejo\_I -80. ADO

SRCPARAM	L0059191	0.000002576	3.06	7.91	2.85
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Northgate Vallejo\_I -80. ADO

SRCPARAM	L0059240	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059265	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059266	0.000002576	3.06	7.91	2.85
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SRCPARAM	L0059272	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059273	0.000002576	3.06	7.91	2.85
SRCPARAM	L0059274	0.000002576	3.06	7.91	2.85

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URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Northgate Vallejo\_I -80.rou"

RE FINISHED

\*\*

Northgate Vallejo\_I -80. ADO

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

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\*\*

\*\*

ME STARTING

SURFFILE NapaCountyAi rport\_MetData\724955. SFC

PROFFILE NapaCountyAi rport\_MetData\724955. PFL

SURFDATA 93227 2009 Napa\_County\_Ai rport

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 4.3 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "NORTHGATE VALLEJO\_I -80. AD\01H1GALL. PLT" 31

PLOTFILE 24 ALL 1ST "NORTHGATE VALLEJO\_I -80. AD\24H1GALL. PLT" 32

PLOTFILE ANNUAL ALL "NORTHGATE VALLEJO\_I -80. AD\AN00GALL. PLT" 33

SUMMFILE "Northgate Vallejo\_I -80. sum"

OU FINISHED

\*\*\*\*\*

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

\*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*

02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 20:51:51

PAGE 1

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

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

Northgate Vallejo\_I-80.ADO

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 226 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 445458.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: PM\_10

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates ANNUAL Averages

\*\*This Run Includes: 226 Source(s); 1 Source Group(s); and 88  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)

and: 226 VOLUME source(s)

and: 0 AREA type source(s)

and: 0 LINE source(s)

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE

Keyword)

Northgate Vallejo\_I-80.ADO

Keyword) Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword) Model Outputs Separate Summary File of High Ranked Values (SUMMFILE

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

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 4.30 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07 Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.6 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Northgate Vallejo\_I-80.err

\*\*File for Summary of Results: Northgate Vallejo\_I-80.sum

\*\*\* AERMOD - VERSION 18081 \*\*\* C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* 20:51:51

PAGE 2

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. URBAN NUMBER EMISSION RATE BASE RELEASE INIT. SOURCE PART. (GRAMS/SEC) X Y ELEV. HEIGHT SY SZ SOURCE SCALAR VARY (METERS) (METERS) (METERS) (METERS) (METERS) ID CATS. BY

L0058823 0 0.26220E-05 567512.3 4219787.5 37.7 3.06 7.91

Northgate Vallejo\_I -80. ADO

2.85	YES							
L0058824		0	0.26220E-05	567518.4	4219803.4	37.5	3.06	7.91
2.85	YES							
L0058825		0	0.26220E-05	567524.4	4219819.3	37.3	3.06	7.91
2.85	YES							
L0058826		0	0.26220E-05	567530.5	4219835.2	36.9	3.06	7.91
2.85	YES							
L0058827		0	0.26220E-05	567536.5	4219851.0	36.4	3.06	7.91
2.85	YES							
L0058828		0	0.26220E-05	567542.6	4219866.9	36.0	3.06	7.91
2.85	YES							
L0058829		0	0.26220E-05	567548.6	4219882.8	35.9	3.06	7.91
2.85	YES							
L0058830		0	0.26220E-05	567554.7	4219898.7	35.8	3.06	7.91
2.85	YES							
L0058831		0	0.26220E-05	567560.7	4219914.6	35.4	3.06	7.91
2.85	YES							
L0058832		0	0.26220E-05	567566.8	4219930.5	34.8	3.06	7.91
2.85	YES							
L0058833		0	0.26220E-05	567572.8	4219946.4	34.2	3.06	7.91
2.85	YES							
L0058834		0	0.26220E-05	567579.1	4219962.2	33.7	3.06	7.91
2.85	YES							
L0058835		0	0.26220E-05	567586.6	4219977.4	33.2	3.06	7.91
2.85	YES							
L0058836		0	0.26220E-05	567594.0	4219992.7	32.8	3.06	7.91
2.85	YES							
L0058837		0	0.26220E-05	567601.5	4220008.0	32.7	3.06	7.91
2.85	YES							
L0058838		0	0.26220E-05	567609.0	4220023.2	32.6	3.06	7.91
2.85	YES							
L0058839		0	0.26220E-05	567616.5	4220038.5	32.5	3.06	7.91
2.85	YES							
L0058840		0	0.26220E-05	567624.0	4220053.7	32.4	3.06	7.91
2.85	YES							
L0058841		0	0.26220E-05	567631.5	4220069.0	32.3	3.06	7.91
2.85	YES							
L0058842		0	0.26220E-05	567639.0	4220084.3	32.2	3.06	7.91
2.85	YES							
L0058843		0	0.26220E-05	567646.5	4220099.5	32.0	3.06	7.91
2.85	YES							
L0058844		0	0.26220E-05	567654.0	4220114.8	31.9	3.06	7.91
2.85	YES							
L0058845		0	0.26220E-05	567661.5	4220130.0	31.6	3.06	7.91
2.85	YES							
L0058846		0	0.26220E-05	567669.0	4220145.3	31.4	3.06	7.91
2.85	YES							
L0058847		0	0.26220E-05	567676.5	4220160.5	31.4	3.06	7.91
2.85	YES							

Northgate Vallejo\_I-80.ADO

L0058848	0	0.26220E-05	567684.0	4220175.8	31.0	3.06	7.91
2.85 YES							
L0058849	0	0.26220E-05	567691.5	4220191.1	30.5	3.06	7.91
2.85 YES							
L0058850	0	0.26220E-05	567699.0	4220206.3	30.3	3.06	7.91
2.85 YES							
L0058851	0	0.26220E-05	567706.5	4220221.6	30.4	3.06	7.91
2.85 YES							
L0058852	0	0.26220E-05	567714.0	4220236.8	30.6	3.06	7.91
2.85 YES							
L0058853	0	0.26220E-05	567721.5	4220252.1	30.7	3.06	7.91
2.85 YES							
L0058854	0	0.26220E-05	567729.0	4220267.4	30.7	3.06	7.91
2.85 YES							
L0058855	0	0.26220E-05	567736.5	4220282.6	30.7	3.06	7.91
2.85 YES							
L0058856	0	0.26220E-05	567744.0	4220297.9	30.7	3.06	7.91
2.85 YES							
L0058857	0	0.26220E-05	567751.4	4220313.1	30.8	3.06	7.91
2.85 YES							
L0058858	0	0.26220E-05	567758.9	4220328.4	30.8	3.06	7.91
2.85 YES							
L0058859	0	0.26220E-05	567766.4	4220343.6	30.9	3.06	7.91
2.85 YES							
L0058860	0	0.26220E-05	567773.9	4220358.9	31.0	3.06	7.91
2.85 YES							
L0058861	0	0.26220E-05	567781.4	4220374.2	31.2	3.06	7.91
2.85 YES							
L0058862	0	0.26220E-05	567788.9	4220389.4	31.4	3.06	7.91
2.85 YES							

\*\*\* AERMOD - VERSION 18081 \*\*\*

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

20:51:51

PAGE 3

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)



Northgate Vallejo\_I -80. ADO

L0058863	0	0.26220E-05	567796.4	4220404.7	32.3	3.06	7.91
2.85 YES							
L0058864	0	0.26220E-05	567803.9	4220419.9	33.4	3.06	7.91
2.85 YES							
L0058865	0	0.26220E-05	567811.4	4220435.2	32.7	3.06	7.91
2.85 YES							
L0058866	0	0.26220E-05	567818.9	4220450.5	32.8	3.06	7.91
2.85 YES							
L0058867	0	0.26220E-05	567826.4	4220465.7	33.6	3.06	7.91
2.85 YES							
L0058868	0	0.26220E-05	567833.9	4220481.0	33.2	3.06	7.91
2.85 YES							
L0058869	0	0.26220E-05	567841.4	4220496.2	32.8	3.06	7.91
2.85 YES							
L0058870	0	0.26220E-05	567848.9	4220511.5	33.1	3.06	7.91
2.85 YES							
L0058871	0	0.26220E-05	567856.4	4220526.7	32.5	3.06	7.91
2.85 YES							
L0058872	0	0.26220E-05	567863.9	4220542.0	31.1	3.06	7.91
2.85 YES							
L0058873	0	0.26220E-05	567871.4	4220557.3	30.9	3.06	7.91
2.85 YES							
L0058874	0	0.26220E-05	567878.9	4220572.5	30.3	3.06	7.91
2.85 YES							
L0058875	0	0.26220E-05	567886.4	4220587.8	30.0	3.06	7.91
2.85 YES							
L0058876	0	0.26220E-05	567893.9	4220603.0	29.3	3.06	7.91
2.85 YES							
L0058877	0	0.26220E-05	567901.4	4220618.3	28.5	3.06	7.91
2.85 YES							
L0058878	0	0.26220E-05	567908.8	4220633.6	27.9	3.06	7.91
2.85 YES							
L0058879	0	0.26220E-05	567916.3	4220648.8	27.2	3.06	7.91
2.85 YES							
L0058880	0	0.26220E-05	567923.8	4220664.1	26.5	3.06	7.91
2.85 YES							
L0058881	0	0.26220E-05	567931.3	4220679.3	26.6	3.06	7.91
2.85 YES							
L0058882	0	0.26220E-05	567938.8	4220694.6	26.6	3.06	7.91
2.85 YES							
L0058883	0	0.26220E-05	567946.3	4220709.8	26.6	3.06	7.91
2.85 YES							
L0058884	0	0.26220E-05	567953.8	4220725.1	26.7	3.06	7.91
2.85 YES							
L0058885	0	0.26220E-05	567961.3	4220740.4	26.8	3.06	7.91
2.85 YES							
L0058886	0	0.26220E-05	567968.8	4220755.6	26.8	3.06	7.91

Northgate Vallejo\_I -80. ADO

2.85	YES							
L0058887		0	0.26220E-05	567976.3	4220770.9	26.9	3.06	7.91
2.85	YES							
L0058888		0	0.26220E-05	567983.8	4220786.1	26.8	3.06	7.91
2.85	YES							
L0058889		0	0.26220E-05	567991.3	4220801.4	27.5	3.06	7.91
2.85	YES							
L0058890		0	0.26220E-05	567998.8	4220816.7	28.1	3.06	7.91
2.85	YES							
L0058891		0	0.26220E-05	568006.3	4220831.9	28.2	3.06	7.91
2.85	YES							
L0058892		0	0.26220E-05	568013.8	4220847.2	28.2	3.06	7.91
2.85	YES							
L0058893		0	0.26220E-05	568021.3	4220862.4	28.4	3.06	7.91
2.85	YES							
L0058894		0	0.26220E-05	568028.8	4220877.7	28.5	3.06	7.91
2.85	YES							
L0058895		0	0.26220E-05	568036.3	4220893.0	28.9	3.06	7.91
2.85	YES							
L0058896		0	0.26220E-05	568043.8	4220908.2	29.3	3.06	7.91
2.85	YES							
L0058897		0	0.26220E-05	568051.3	4220923.5	29.4	3.06	7.91
2.85	YES							
L0058898		0	0.26220E-05	568058.8	4220938.7	29.5	3.06	7.91
2.85	YES							
L0058899		0	0.26220E-05	568066.2	4220954.0	29.4	3.06	7.91
2.85	YES							
L0058900		0	0.26220E-05	568073.7	4220969.2	29.6	3.06	7.91
2.85	YES							
L0058901		0	0.26220E-05	568081.2	4220984.5	29.6	3.06	7.91
2.85	YES							
L0058902		0	0.26220E-05	568088.7	4220999.8	29.6	3.06	7.91

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 20:51:51

PAGE 4

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
		PART.	(GRAMS/SEC)	X	Y			
		SCALAR	VARY					

Northgate Vallejo\_I-80.ADO

ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0058903 2.85 YES	0	0.26220E-05	568096.2	4221015.0	29.6	3.06	7.91
L0058904 2.85 YES	0	0.26220E-05	568103.7	4221030.3	29.7	3.06	7.91
L0058905 2.85 YES	0	0.26220E-05	568111.2	4221045.5	29.7	3.06	7.91
L0058906 2.85 YES	0	0.26220E-05	568118.7	4221060.8	29.9	3.06	7.91
L0058907 2.85 YES	0	0.26220E-05	568126.2	4221076.1	30.5	3.06	7.91
L0058908 2.85 YES	0	0.26220E-05	568133.7	4221091.3	30.9	3.06	7.91
L0058909 2.85 YES	0	0.26220E-05	568141.2	4221106.5	31.1	3.06	7.91
L0058910 2.85 YES	0	0.26220E-05	568149.0	4221121.7	31.2	3.06	7.91
L0058911 2.85 YES	0	0.26220E-05	568156.7	4221136.9	31.5	3.06	7.91
L0058912 2.85 YES	0	0.26220E-05	568164.4	4221152.0	31.7	3.06	7.91
L0058913 2.85 YES	0	0.26220E-05	568172.1	4221167.2	31.8	3.06	7.91
L0058914 2.85 YES	0	0.26220E-05	568179.8	4221182.3	31.9	3.06	7.91
L0058915 2.85 YES	0	0.26220E-05	568187.5	4221197.5	31.9	3.06	7.91
L0058916 2.85 YES	0	0.26220E-05	568195.2	4221212.6	31.9	3.06	7.91
L0058917 2.85 YES	0	0.26220E-05	568202.9	4221227.8	31.9	3.06	7.91
L0058918 2.85 YES	0	0.26220E-05	568210.6	4221242.9	31.9	3.06	7.91
L0058919 2.85 YES	0	0.26220E-05	568218.3	4221258.1	31.9	3.06	7.91
L0058920 2.85 YES	0	0.26220E-05	568226.0	4221273.2	31.9	3.06	7.91
L0058921 2.85 YES	0	0.26220E-05	568233.7	4221288.4	32.1	3.06	7.91
L0058922 2.85 YES	0	0.26220E-05	568241.4	4221303.6	32.5	3.06	7.91
L0058923 2.85 YES	0	0.26220E-05	568249.1	4221318.7	32.9	3.06	7.91
L0058924 2.85 YES	0	0.26220E-05	568256.8	4221333.9	33.6	3.06	7.91

Northgate Vallejo\_I-80.ADO

L0058925	0	0.26220E-05	568264.5	4221349.0	34.7	3.06	7.91
2.85 YES							
L0058926	0	0.26220E-05	568272.2	4221364.2	35.8	3.06	7.91
2.85 YES							
L0058927	0	0.26220E-05	568279.9	4221379.3	36.8	3.06	7.91
2.85 YES							
L0058928	0	0.26220E-05	568287.6	4221394.5	37.7	3.06	7.91
2.85 YES							
L0058929	0	0.26220E-05	568295.3	4221409.6	38.4	3.06	7.91
2.85 YES							
L0058930	0	0.26220E-05	568303.0	4221424.8	39.1	3.06	7.91
2.85 YES							
L0058931	0	0.26220E-05	568310.7	4221439.9	40.1	3.06	7.91
2.85 YES							
L0058932	0	0.26220E-05	568318.4	4221455.1	41.8	3.06	7.91
2.85 YES							
L0058933	0	0.26220E-05	568326.1	4221470.3	42.8	3.06	7.91
2.85 YES							
L0058934	0	0.26220E-05	568333.8	4221485.4	43.2	3.06	7.91
2.85 YES							
L0059161	0	0.25760E-05	568324.2	4221515.6	43.0	3.06	7.91
2.85 YES							
L0059162	0	0.25760E-05	568316.7	4221500.4	43.6	3.06	7.91
2.85 YES							
L0059163	0	0.25760E-05	568309.1	4221485.1	42.2	3.06	7.91
2.85 YES							
L0059164	0	0.25760E-05	568301.5	4221469.9	40.6	3.06	7.91
2.85 YES							
L0059165	0	0.25760E-05	568293.9	4221454.7	39.3	3.06	7.91
2.85 YES							
L0059166	0	0.25760E-05	568286.3	4221439.5	38.6	3.06	7.91
2.85 YES							
L0059167	0	0.25760E-05	568278.8	4221424.3	38.2	3.06	7.91
2.85 YES							
L0059168	0	0.25760E-05	568271.2	4221409.1	37.6	3.06	7.91
2.85 YES							

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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 20:51:51

PAGE 5

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

NUMBER EMISSION RATE BASE RELEASE INIT.

Northgate Vallejo\_I -80. ADO

INIT. SOURCE ID (METERS)	URBAN SOURCE ID	EMISSION PART. SCALAR CATS.	RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)
L0059169		0	0.25760E-05	568263.6	4221393.9	36.2	3.06	7.91
2.85	YES							
L0059170		0	0.25760E-05	568256.0	4221378.6	34.5	3.06	7.91
2.85	YES							
L0059171		0	0.25760E-05	568248.4	4221363.4	33.4	3.06	7.91
2.85	YES							
L0059172		0	0.25760E-05	568240.9	4221348.2	32.7	3.06	7.91
2.85	YES							
L0059173		0	0.25760E-05	568233.3	4221333.0	32.4	3.06	7.91
2.85	YES							
L0059174		0	0.25760E-05	568225.7	4221317.8	32.2	3.06	7.91
2.85	YES							
L0059175		0	0.25760E-05	568218.1	4221302.6	31.9	3.06	7.91
2.85	YES							
L0059176		0	0.25760E-05	568210.5	4221287.3	31.7	3.06	7.91
2.85	YES							
L0059177		0	0.25760E-05	568203.0	4221272.1	31.6	3.06	7.91
2.85	YES							
L0059178		0	0.25760E-05	568195.4	4221256.9	31.6	3.06	7.91
2.85	YES							
L0059179		0	0.25760E-05	568187.8	4221241.7	31.6	3.06	7.91
2.85	YES							
L0059180		0	0.25760E-05	568180.2	4221226.5	31.6	3.06	7.91
2.85	YES							
L0059181		0	0.25760E-05	568172.6	4221211.3	31.6	3.06	7.91
2.85	YES							
L0059182		0	0.25760E-05	568165.0	4221196.0	31.6	3.06	7.91
2.85	YES							
L0059183		0	0.25760E-05	568157.5	4221180.8	31.6	3.06	7.91
2.85	YES							
L0059184		0	0.25760E-05	568149.9	4221165.6	31.6	3.06	7.91
2.85	YES							
L0059185		0	0.25760E-05	568142.3	4221150.4	31.5	3.06	7.91
2.85	YES							
L0059186		0	0.25760E-05	568134.7	4221135.2	31.4	3.06	7.91
2.85	YES							
L0059187		0	0.25760E-05	568127.1	4221120.0	31.3	3.06	7.91
2.85	YES							
L0059188		0	0.25760E-05	568119.6	4221104.7	30.8	3.06	7.91
2.85	YES							
L0059189		0	0.25760E-05	568112.1	4221089.5	30.2	3.06	7.91

Northgate Vallejo\_I -80. ADO

2.85	YES							
L0059190		0	0.25760E-05	568104.6	4221074.2	29.6	3.06	7.91
2.85	YES							
L0059191		0	0.25760E-05	568097.1	4221058.9	29.2	3.06	7.91
2.85	YES							
L0059192		0	0.25760E-05	568089.7	4221043.7	29.1	3.06	7.91
2.85	YES							
L0059193		0	0.25760E-05	568082.2	4221028.4	29.0	3.06	7.91
2.85	YES							
L0059194		0	0.25760E-05	568074.7	4221013.1	29.1	3.06	7.91
2.85	YES							
L0059195		0	0.25760E-05	568067.2	4220997.9	29.1	3.06	7.91
2.85	YES							
L0059196		0	0.25760E-05	568059.7	4220982.6	29.1	3.06	7.91
2.85	YES							
L0059197		0	0.25760E-05	568052.2	4220967.4	29.1	3.06	7.91
2.85	YES							
L0059198		0	0.25760E-05	568044.7	4220952.1	29.1	3.06	7.91
2.85	YES							
L0059199		0	0.25760E-05	568037.3	4220936.8	29.1	3.06	7.91
2.85	YES							
L0059200		0	0.25760E-05	568029.8	4220921.6	29.1	3.06	7.91
2.85	YES							
L0059201		0	0.25760E-05	568022.3	4220906.3	29.0	3.06	7.91
2.85	YES							
L0059202		0	0.25760E-05	568014.8	4220891.0	28.7	3.06	7.91
2.85	YES							
L0059203		0	0.25760E-05	568007.3	4220875.8	28.6	3.06	7.91
2.85	YES							
L0059204		0	0.25760E-05	567999.8	4220860.5	28.4	3.06	7.91
2.85	YES							
L0059205		0	0.25760E-05	567992.3	4220845.2	28.2	3.06	7.91
2.85	YES							
L0059206		0	0.25760E-05	567984.9	4220830.0	28.1	3.06	7.91
2.85	YES							
L0059207		0	0.25760E-05	567977.4	4220814.7	28.0	3.06	7.91
2.85	YES							
L0059208		0	0.25760E-05	567969.9	4220799.5	27.6	3.06	7.91

2.85 YES  
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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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20:51:51

PAGE 6

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

Northgate Vallejo\_I-80.ADO

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY	BY	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.						
L0059209		0	0.25760E-05	567962.4	4220784.2	27.4	3.06	7.91
2.85	YES							
L0059210		0	0.25760E-05	567954.9	4220768.9	27.2	3.06	7.91
2.85	YES							
L0059211		0	0.25760E-05	567947.4	4220753.7	26.8	3.06	7.91
2.85	YES							
L0059212		0	0.25760E-05	567939.9	4220738.4	26.7	3.06	7.91
2.85	YES							
L0059213		0	0.25760E-05	567932.5	4220723.1	26.7	3.06	7.91
2.85	YES							
L0059214		0	0.25760E-05	567925.0	4220707.9	26.7	3.06	7.91
2.85	YES							
L0059215		0	0.25760E-05	567917.5	4220692.6	26.8	3.06	7.91
2.85	YES							
L0059216		0	0.25760E-05	567910.0	4220677.4	26.8	3.06	7.91
2.85	YES							
L0059217		0	0.25760E-05	567902.5	4220662.1	26.6	3.06	7.91
2.85	YES							
L0059218		0	0.25760E-05	567895.0	4220646.8	27.1	3.06	7.91
2.85	YES							
L0059219		0	0.25760E-05	567887.5	4220631.6	27.7	3.06	7.91
2.85	YES							
L0059220		0	0.25760E-05	567880.1	4220616.3	28.6	3.06	7.91
2.85	YES							
L0059221		0	0.25760E-05	567872.6	4220601.0	30.0	3.06	7.91
2.85	YES							
L0059222		0	0.25760E-05	567865.1	4220585.8	30.3	3.06	7.91
2.85	YES							
L0059223		0	0.25760E-05	567857.6	4220570.5	30.3	3.06	7.91
2.85	YES							
L0059224		0	0.25760E-05	567850.1	4220555.3	30.8	3.06	7.91
2.85	YES							
L0059225		0	0.25760E-05	567842.6	4220540.0	30.9	3.06	7.91
2.85	YES							
L0059226		0	0.25760E-05	567835.1	4220524.7	30.8	3.06	7.91
2.85	YES							
L0059227		0	0.25760E-05	567827.7	4220509.5	30.7	3.06	7.91
2.85	YES							

Northgate Vallejo\_I-80.ADO

L0059228	0	0.25760E-05	567820.2	4220494.2	31.1	3.06	7.91
2.85 YES							
L0059229	0	0.25760E-05	567812.7	4220478.9	30.8	3.06	7.91
2.85 YES							
L0059230	0	0.25760E-05	567805.2	4220463.7	30.9	3.06	7.91
2.85 YES							
L0059231	0	0.25760E-05	567797.7	4220448.4	30.9	3.06	7.91
2.85 YES							
L0059232	0	0.25760E-05	567790.2	4220433.1	30.8	3.06	7.91
2.85 YES							
L0059233	0	0.25760E-05	567782.7	4220417.9	30.7	3.06	7.91
2.85 YES							
L0059234	0	0.25760E-05	567775.3	4220402.6	30.7	3.06	7.91
2.85 YES							
L0059235	0	0.25760E-05	567767.8	4220387.4	30.6	3.06	7.91
2.85 YES							
L0059236	0	0.25760E-05	567760.3	4220372.1	30.5	3.06	7.91
2.85 YES							
L0059237	0	0.25760E-05	567752.8	4220356.8	30.4	3.06	7.91
2.85 YES							
L0059238	0	0.25760E-05	567745.3	4220341.6	30.4	3.06	7.91
2.85 YES							
L0059239	0	0.25760E-05	567737.8	4220326.3	30.4	3.06	7.91
2.85 YES							
L0059240	0	0.25760E-05	567730.3	4220311.0	30.3	3.06	7.91
2.85 YES							
L0059241	0	0.25760E-05	567722.9	4220295.8	30.3	3.06	7.91
2.85 YES							
L0059242	0	0.25760E-05	567715.4	4220280.5	30.3	3.06	7.91
2.85 YES							
L0059243	0	0.25760E-05	567707.9	4220265.3	30.3	3.06	7.91
2.85 YES							
L0059244	0	0.25760E-05	567700.4	4220250.0	30.2	3.06	7.91
2.85 YES							
L0059245	0	0.25760E-05	567692.9	4220234.7	30.1	3.06	7.91
2.85 YES							
L0059246	0	0.25760E-05	567685.4	4220219.5	30.1	3.06	7.91
2.85 YES							
L0059247	0	0.25760E-05	567677.9	4220204.2	30.4	3.06	7.91
2.85 YES							
L0059248	0	0.25760E-05	567670.5	4220188.9	31.0	3.06	7.91
2.85 YES							

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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20:51:51

PAGE 7



Northgate Vallejo\_I-80.ADO

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY					
L0059249		0	0.25760E-05	567663.0	4220173.7	31.6	3.06	7.91
2.85	YES							
L0059250		0	0.25760E-05	567655.5	4220158.4	31.9	3.06	7.91
2.85	YES							
L0059251		0	0.25760E-05	567648.0	4220143.1	32.2	3.06	7.91
2.85	YES							
L0059252		0	0.25760E-05	567640.5	4220127.9	32.4	3.06	7.91
2.85	YES							
L0059253		0	0.25760E-05	567633.0	4220112.6	32.6	3.06	7.91
2.85	YES							
L0059254		0	0.25760E-05	567625.5	4220097.4	32.8	3.06	7.91
2.85	YES							
L0059255		0	0.25760E-05	567618.1	4220082.1	32.9	3.06	7.91
2.85	YES							
L0059256		0	0.25760E-05	567610.6	4220066.8	33.0	3.06	7.91
2.85	YES							
L0059257		0	0.25760E-05	567603.1	4220051.6	33.2	3.06	7.91
2.85	YES							
L0059258		0	0.25760E-05	567595.6	4220036.3	33.4	3.06	7.91
2.85	YES							
L0059259		0	0.25760E-05	567588.1	4220021.0	33.6	3.06	7.91
2.85	YES							
L0059260		0	0.25760E-05	567580.6	4220005.8	33.9	3.06	7.91
2.85	YES							
L0059261		0	0.25760E-05	567573.1	4219990.5	34.2	3.06	7.91
2.85	YES							
L0059262		0	0.25760E-05	567565.7	4219975.3	34.7	3.06	7.91
2.85	YES							
L0059263		0	0.25760E-05	567558.7	4219959.8	35.2	3.06	7.91
2.85	YES							
L0059264		0	0.25760E-05	567553.0	4219943.8	35.7	3.06	7.91
2.85	YES							
L0059265		0	0.25760E-05	567547.2	4219927.8	36.3	3.06	7.91
2.85	YES							
L0059266		0	0.25760E-05	567541.5	4219911.8	36.5	3.06	7.91

Northgate Vallejo\_I -80. ADO

2.85	YES							
L0059267		0	0.25760E-05	567535.7	4219895.8	36.4	3.06	7.91
2.85	YES							
L0059268		0	0.25760E-05	567529.9	4219879.8	36.4	3.06	7.91
2.85	YES							
L0059269		0	0.25760E-05	567524.2	4219863.8	36.6	3.06	7.91
2.85	YES							
L0059270		0	0.25760E-05	567518.4	4219847.8	36.8	3.06	7.91
2.85	YES							
L0059271		0	0.25760E-05	567512.7	4219831.8	37.2	3.06	7.91
2.85	YES							
L0059272		0	0.25760E-05	567506.9	4219815.8	37.4	3.06	7.91
2.85	YES							
L0059273		0	0.25760E-05	567501.1	4219799.8	37.5	3.06	7.91
2.85	YES							
L0059274		0	0.25760E-05	567495.4	4219783.8	37.7	3.06	7.91

2.85 YES  
 \*\*\* AERMOD - VERSION 18081 \*\*\*

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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
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20:51:51

PAGE 8

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	L0058823 , L0058824 , L0058825 , L0058826 , L0058827 ,
L0058828	, L0058829 , L0058830 ,
L0058836	L0058831 , L0058832 , L0058833 , L0058834 , L0058835 ,
	, L0058837 , L0058838 ,
L0058844	L0058839 , L0058840 , L0058841 , L0058842 , L0058843 ,
	, L0058845 , L0058846 ,
L0058852	L0058847 , L0058848 , L0058849 , L0058850 , L0058851 ,
	, L0058853 , L0058854 ,
L0058860	L0058855 , L0058856 , L0058857 , L0058858 , L0058859 ,
	, L0058861 , L0058862 ,
	L0058863 , L0058864 , L0058865 , L0058866 , L0058867 ,

Northgate Vallejo\_I -80. ADO

L0058868 , L0058869 , L0058870 ,  
L0058871 , L0058872 , L0058873 , L0058874 , L0058875 ,  
L0058876 , L0058877 , L0058878 ,  
L0058879 , L0058880 , L0058881 , L0058882 , L0058883 ,  
L0058884 , L0058885 , L0058886 ,  
L0058887 , L0058888 , L0058889 , L0058890 , L0058891 ,  
L0058892 , L0058893 , L0058894 ,  
L0058895 , L0058896 , L0058897 , L0058898 , L0058899 ,  
L0058900 , L0058901 , L0058902 ,  
L0058903 , L0058904 , L0058905 , L0058906 , L0058907 ,  
L0058908 , L0058909 , L0058910 ,  
L0058911 , L0058912 , L0058913 , L0058914 , L0058915 ,  
L0058916 , L0058917 , L0058918 ,  
L0058919 , L0058920 , L0058921 , L0058922 , L0058923 ,  
L0058924 , L0058925 , L0058926 ,  
L0058927 , L0058928 , L0058929 , L0058930 , L0058931 ,  
L0058932 , L0058933 , L0058934 ,  
L0059161 , L0059162 , L0059163 , L0059164 , L0059165 ,  
L0059166 , L0059167 , L0059168 ,  
L0059169 , L0059170 , L0059171 , L0059172 , L0059173 ,  
L0059174 , L0059175 , L0059176 ,  
L0059177 , L0059178 , L0059179 , L0059180 , L0059181 ,  
L0059182 , L0059183 , L0059184 ,  
L0059185 , L0059186 , L0059187 , L0059188 , L0059189 ,  
L0059190 , L0059191 , L0059192 ,  
L0059193 , L0059194 , L0059195 , L0059196 , L0059197 ,  
L0059198 , L0059199 , L0059200 ,  
L0059201 , L0059202 , L0059203 , L0059204 , L0059205 ,  
L0059206 , L0059207 , L0059208 ,

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 20: 51: 51

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs					
-----	-----					
L0059214	L0059209	, L0059210	, L0059211	, L0059212	, L0059213	,
	, L0059215	, L0059216	,			
L0059222	L0059217	, L0059218	, L0059219	, L0059220	, L0059221	,
	, L0059223	, L0059224	,			
L0059230	L0059225	, L0059226	, L0059227	, L0059228	, L0059229	,
	, L0059231	, L0059232	,			
L0059238	L0059233	, L0059234	, L0059235	, L0059236	, L0059237	,
	, L0059239	, L0059240	,			
L0059246	L0059241	, L0059242	, L0059243	, L0059244	, L0059245	,
	, L0059247	, L0059248	,			
L0059254	L0059249	, L0059250	, L0059251	, L0059252	, L0059253	,
	, L0059255	, L0059256	,			
L0059262	L0059257	, L0059258	, L0059259	, L0059260	, L0059261	,
	, L0059263	, L0059264	,			
L0059270	L0059265	, L0059266	, L0059267	, L0059268	, L0059269	,
	, L0059271	, L0059272	,			
	L0059273	, L0059274	,			

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 20: 51: 51

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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URBAN ID	URBAN POP	SOURCE IDs
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Northgate Vallejo\_I -80. ADO

L0058827 L0058830	445458. L0058828	L0058823 L0058829	, L0058824	, L0058825	, L0058826	,
L0058836	L0058831 L0058837	L0058832 L0058838	, L0058833	, L0058834	, L0058835	,
L0058844	L0058839 L0058845	L0058840 L0058846	, L0058841	, L0058842	, L0058843	,
L0058852	L0058847 L0058853	L0058848 L0058854	, L0058849	, L0058850	, L0058851	,
L0058860	L0058855 L0058861	L0058856 L0058862	, L0058857	, L0058858	, L0058859	,
L0058868	L0058863 L0058869	L0058864 L0058870	, L0058865	, L0058866	, L0058867	,
L0058876	L0058871 L0058877	L0058872 L0058878	, L0058873	, L0058874	, L0058875	,
L0058884	L0058879 L0058885	L0058880 L0058886	, L0058881	, L0058882	, L0058883	,
L0058892	L0058887 L0058893	L0058888 L0058894	, L0058889	, L0058890	, L0058891	,
L0058900	L0058895 L0058901	L0058896 L0058902	, L0058897	, L0058898	, L0058899	,
L0058908	L0058903 L0058909	L0058904 L0058910	, L0058905	, L0058906	, L0058907	,
L0058916	L0058911 L0058917	L0058912 L0058918	, L0058913	, L0058914	, L0058915	,
L0058924	L0058919 L0058925	L0058920 L0058926	, L0058921	, L0058922	, L0058923	,
L0058932	L0058927 L0058933	L0058928 L0058934	, L0058929	, L0058930	, L0058931	,
L0059166	L0059161 L0059167	L0059162 L0059168	, L0059163	, L0059164	, L0059165	,

Northgate Vallejo\_I-80.ADO

L0059174 , L0059169 , L0059170 , L0059171 , L0059172 , L0059173 ,  
 , L0059175 , L0059176 ,  
 L0059182 , L0059177 , L0059178 , L0059179 , L0059180 , L0059181 ,  
 , L0059183 , L0059184 ,  
 L0059190 , L0059185 , L0059186 , L0059187 , L0059188 , L0059189 ,  
 , L0059191 , L0059192 ,  
 L0059198 , L0059193 , L0059194 , L0059195 , L0059196 , L0059197 ,  
 , L0059199 , L0059200 ,  
 L0059206 , L0059201 , L0059202 , L0059203 , L0059204 , L0059205 ,  
 , L0059207 , L0059208

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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 20: 51: 51

PAGE 11

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0059214	L0059209 , L0059210 , L0059211 , L0059212 , L0059213 , , L0059215 , L0059216 ,	
L0059222	L0059217 , L0059218 , L0059219 , L0059220 , L0059221 , , L0059223 , L0059224 ,	
L0059230	L0059225 , L0059226 , L0059227 , L0059228 , L0059229 , , L0059231 , L0059232 ,	
L0059238	L0059233 , L0059234 , L0059235 , L0059236 , L0059237 , , L0059239 , L0059240 ,	
L0059246	L0059241 , L0059242 , L0059243 , L0059244 , L0059245 , , L0059247 , L0059248 ,	
L0059254	L0059249 , L0059250 , L0059251 , L0059252 , L0059253 , , L0059255 , L0059256 ,	

Northgate Vallejo\_I -80. ADO

L0059262 , L0059257 , L0059263 , L0059258 , L0059264 , L0059259 , L0059260 , L0059261 ,

L0059270 , L0059265 , L0059271 , L0059266 , L0059272 , L0059267 , L0059268 , L0059269 ,

L0059273 , L0059274 ,

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 20: 51: 51

PAGE 12

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 568124. 6,	4220158. 8,	36. 4,	324. 6,	0. 0);	( 568125. 0,
4220159. 0,	36. 4,	324. 6,	0. 0);		
( 568175. 0,	4220159. 0,	37. 5,	324. 6,	0. 0);	( 568225. 0,
4220159. 0,	38. 0,	324. 6,	0. 0);		
( 568275. 0,	4220159. 0,	36. 9,	324. 6,	0. 0);	( 568325. 0,
4220159. 0,	37. 4,	324. 6,	0. 0);		
( 568375. 0,	4220159. 0,	41. 7,	324. 6,	0. 0);	( 568425. 0,
4220159. 0,	43. 3,	324. 6,	0. 0);		
( 568475. 0,	4220159. 0,	44. 2,	324. 6,	0. 0);	( 568525. 0,
4220159. 0,	45. 7,	324. 6,	0. 0);		
( 568125. 0,	4220209. 0,	35. 8,	324. 6,	0. 0);	( 568175. 0,
4220209. 0,	38. 0,	324. 6,	0. 0);		
( 568225. 0,	4220209. 0,	36. 3,	324. 6,	0. 0);	( 568275. 0,
4220209. 0,	34. 5,	324. 6,	0. 0);		
( 568325. 0,	4220209. 0,	37. 6,	324. 6,	0. 0);	( 568375. 0,
4220209. 0,	38. 9,	324. 6,	0. 0);		
( 568425. 0,	4220209. 0,	39. 1,	324. 6,	0. 0);	( 568475. 0,
4220209. 0,	43. 1,	324. 6,	0. 0);		
( 568525. 0,	4220209. 0,	44. 0,	324. 6,	0. 0);	( 568125. 0,
4220259. 0,	32. 8,	324. 6,	0. 0);		
( 568175. 0,	4220259. 0,	34. 4,	324. 6,	0. 0);	( 568225. 0,
4220259. 0,	31. 4,	324. 6,	0. 0);		
( 568275. 0,	4220259. 0,	33. 2,	324. 6,	0. 0);	( 568325. 0,
4220259. 0,	36. 2,	324. 6,	0. 0);		
( 568375. 0,	4220259. 0,	37. 3,	324. 6,	0. 0);	( 568425. 0,
4220259. 0,	36. 3,	324. 6,	0. 0);		
( 568475. 0,	4220259. 0,	37. 8,	324. 6,	0. 0);	( 568525. 0,
4220259. 0,	37. 8,	324. 6,	0. 0);		
( 568125. 0,	4220309. 0,	30. 3,	324. 6,	0. 0);	( 568175. 0,

Northgate Vallejo\_I -80. ADO

4220309.0, 30.8, 324.6, 0.0);  
 ( 568225.0, 4220309.0, 31.3, 324.6, 0.0); ( 568275.0,  
 4220309.0, 33.8, 324.6, 0.0);  
 ( 568325.0, 4220309.0, 37.1, 324.6, 0.0); ( 568375.0,  
 4220309.0, 37.5, 324.6, 0.0);  
 ( 568425.0, 4220309.0, 35.7, 324.6, 0.0); ( 568475.0,  
 4220309.0, 34.0, 324.6, 0.0);  
 ( 568525.0, 4220309.0, 33.4, 324.6, 0.0); ( 568125.0,  
 4220359.0, 29.6, 324.6, 0.0);  
 ( 568175.0, 4220359.0, 30.3, 324.6, 0.0); ( 568225.0,  
 4220359.0, 31.1, 324.6, 0.0);  
 ( 568275.0, 4220359.0, 32.6, 324.6, 0.0); ( 568325.0,  
 4220359.0, 35.5, 324.6, 0.0);  
 ( 568375.0, 4220359.0, 34.5, 324.6, 0.0); ( 568425.0,  
 4220359.0, 32.3, 324.6, 0.0);  
 ( 568475.0, 4220359.0, 32.5, 324.6, 0.0); ( 568525.0,  
 4220359.0, 34.0, 324.6, 0.0);  
 ( 568125.0, 4220409.0, 29.0, 324.6, 0.0); ( 568175.0,  
 4220409.0, 29.9, 324.6, 0.0);  
 ( 568225.0, 4220409.0, 30.4, 324.6, 0.0); ( 568275.0,  
 4220409.0, 30.7, 324.6, 0.0);  
 ( 568325.0, 4220409.0, 31.0, 324.6, 0.0); ( 568375.0,  
 4220409.0, 30.9, 324.6, 0.0);  
 ( 568425.0, 4220409.0, 31.8, 324.6, 0.0); ( 568475.0,  
 4220409.0, 33.2, 324.6, 0.0);  
 ( 568525.0, 4220409.0, 34.5, 324.6, 0.0); ( 568125.0,  
 4220459.0, 28.2, 324.6, 0.0);  
 ( 568175.0, 4220459.0, 28.8, 324.6, 0.0); ( 568225.0,  
 4220459.0, 29.4, 324.6, 0.0);  
 ( 568275.0, 4220459.0, 29.8, 324.6, 0.0); ( 568325.0,  
 4220459.0, 30.5, 324.6, 0.0);  
 ( 568375.0, 4220459.0, 31.4, 324.6, 0.0); ( 568425.0,  
 4220459.0, 32.4, 324.6, 0.0);  
 ( 568475.0, 4220459.0, 33.6, 324.6, 0.0); ( 568525.0,  
 4220459.0, 35.0, 324.6, 0.0);  
 ( 568125.0, 4220509.0, 27.7, 324.6, 0.0); ( 568175.0,  
 4220509.0, 28.5, 324.6, 0.0);  
 ( 568225.0, 4220509.0, 29.7, 324.6, 0.0); ( 568275.0,  
 4220509.0, 30.2, 324.6, 0.0);  
 ( 568325.0, 4220509.0, 30.9, 324.6, 0.0); ( 568375.0,  
 4220509.0, 31.9, 324.6, 0.0);  
 ( 568425.0, 4220509.0, 32.9, 324.6, 0.0); ( 568475.0,  
 4220509.0, 34.0, 324.6, 0.0);  
 ( 568525.0, 4220509.0, 35.2, 324.6, 0.0); ( 568125.0,  
 4220559.0, 28.3, 324.6, 0.0);  
 ( 568175.0, 4220559.0, 28.9, 324.6, 0.0); ( 568225.0,  
 4220559.0, 29.8, 324.6, 0.0);  
 ( 568275.0, 4220559.0, 30.3, 324.6, 0.0); ( 568325.0,  
 4220559.0, 31.3, 324.6, 0.0);





Northgate Vallejo\_I-80.ADO

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\*\*\* AERMOD - VERSION 18081 \*\*\*

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 20:51:51

PAGE 14

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA \*\*\*

Surface file: NapaCountyAirport\_MetData\724955.SFC

Met Version: 14134

Profile file: NapaCountyAirport\_MetData\724955.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93227

Upper air station no.: 23230

Name: NAPA\_COUNTY\_AIRPORT

Name:

OAKLAND/WSO\_AP

Year: 2009

Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZICNV	ZIMCH	M-0	LEN	ZO	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-2.8	0.059	-9.000	-9.000	-999.	34.	6.8	0.03	0.63	
1.00	1.76	111.			10.0	279.2	2.0							
09	01	01	1	02	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63	
1.00	3.36	98.			10.0	279.2	2.0							
09	01	01	1	03	-19.9	0.345	-9.000	-9.000	-999.	485.	187.0	0.03	0.63	
1.00	5.36	94.			10.0	278.1	2.0							
09	01	01	1	04	-15.8	0.273	-9.000	-9.000	-999.	345.	117.7	0.03	0.63	
1.00	4.36	93.			10.0	278.1	2.0							
09	01	01	1	05	-13.7	0.237	-9.000	-9.000	-999.	277.	88.3	0.03	0.63	
1.00	3.86	93.			10.0	278.1	2.0							
09	01	01	1	06	-2.8	0.059	-9.000	-9.000	-999.	87.	6.8	0.03	0.63	
1.00	1.76	92.			10.0	278.8	2.0							
09	01	01	1	07	-9.1	0.158	-9.000	-9.000	-999.	151.	39.6	0.03	0.63	
1.00	2.86	105.			10.0	278.8	2.0							
09	01	01	1	08	-13.6	0.237	-9.000	-9.000	-999.	276.	88.5	0.03	0.63	
1.00	3.86	93.			10.0	278.8	2.0							
09	01	01	1	09	-9.4	0.318	-9.000	-9.000	-999.	430.	311.3	0.03	0.63	
0.41	4.86	97.			10.0	278.8	2.0							

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09	01	01	1	10	4.8	0.296	0.220	0.016	81.	388.	-497.3	0.03	0.63
0.28	4.36	101.			10.0	279.2	2.0						
09	01	01	1	11	11.8	0.301	0.366	0.016	151.	396.	-210.6	0.03	0.63
0.23	4.36	94.			10.0	279.2	2.0						
09	01	01	1	12	15.7	0.335	0.450	0.016	210.	465.	-217.6	0.03	0.63
0.22	4.86	86.			10.0	279.2	2.0						
09	01	01	1	13	16.4	0.291	0.488	0.016	257.	377.	-136.4	0.02	0.63
0.22	4.36	123.			10.0	279.2	2.0						
09	01	01	1	14	13.8	0.334	0.480	0.016	291.	463.	-245.4	0.03	0.63
0.22	4.86	109.			10.0	279.2	2.0						
09	01	01	1	15	8.1	0.202	0.411	0.015	310.	229.	-92.5	0.03	0.63
0.26	2.86	102.			10.0	279.9	2.0						
09	01	01	1	16	-0.4	0.191	-9.000	-9.000	-999.	200.	1603.3	0.03	0.63
0.34	2.86	104.			10.0	279.9	2.0						
09	01	01	1	17	-6.1	0.117	-9.000	-9.000	-999.	97.	23.6	0.03	0.63
0.58	2.36	111.			10.0	279.2	2.0						
09	01	01	1	18	-11.4	0.199	-9.000	-9.000	-999.	213.	62.4	0.03	0.63
1.00	3.36	97.			10.0	278.8	2.0						
09	01	01	1	19	-9.1	0.158	-9.000	-9.000	-999.	152.	39.6	0.03	0.63
1.00	2.86	94.			10.0	278.8	2.0						
09	01	01	1	20	-9.1	0.158	-9.000	-9.000	-999.	151.	39.6	0.03	0.63
1.00	2.86	87.			10.0	278.8	2.0						
09	01	01	1	21	-2.7	0.059	-9.000	-9.000	-999.	41.	6.8	0.03	0.63
1.00	1.76	90.			10.0	279.2	2.0						
09	01	01	1	22	-6.3	0.110	-9.000	-9.000	-999.	88.	19.2	0.03	0.63
1.00	2.36	72.			10.0	279.2	2.0						
09	01	01	1	23	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	100.			10.0	279.2	2.0						
09	01	01	1	24	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	90.			10.0	279.2	2.0						

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	111.	1.76	279.3	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 20:51:51

PAGE 15

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0058823 , L0058824

Northgate Vallejo\_I -80. ADO

, L0058825 , L0058826 , L0058827 ,  
 , L0058833 , L0058834 , L0058835 ,  
 , L0058841 , L0058842 , L0058843 ,  
 , L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
568124.57	4220158.79	0.00166	568124.99
4220158.95	0.00166		
568174.99	4220158.95	0.00146	568224.99
4220158.95	0.00131		
568274.99	4220158.95	0.00119	568324.99
4220158.95	0.00107		
568374.99	4220158.95	0.00095	568424.99
4220158.95	0.00086		
568474.99	4220158.95	0.00078	568524.99
4220158.95	0.00071		
568124.99	4220208.95	0.00180	568174.99
4220208.95	0.00157		
568224.99	4220208.95	0.00141	568274.99
4220208.95	0.00129		
568324.99	4220208.95	0.00114	568374.99
4220208.95	0.00103		
568424.99	4220208.95	0.00095	568474.99
4220208.95	0.00084		
568524.99	4220208.95	0.00077	568124.99
4220258.95	0.00198		
568174.99	4220258.95	0.00172	568224.99
4220258.95	0.00155		
568274.99	4220258.95	0.00138	568324.99
4220258.95	0.00123		
568374.99	4220258.95	0.00111	568424.99
4220258.95	0.00102		
568474.99	4220258.95	0.00093	568524.99
4220258.95	0.00085		
568124.99	4220308.95	0.00214	568174.99
4220308.95	0.00188		
568224.99	4220308.95	0.00166	568274.99

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4220308.95	0.00146			
568324.99	4220308.95	0.00130		568374.99
4220308.95	0.00117			
568424.99	4220308.95	0.00108		568474.99
4220308.95	0.00099			
568524.99	4220308.95	0.00091		568124.99
4220358.95	0.00231			
568174.99	4220358.95	0.00202		568224.99
4220358.95	0.00178			
568274.99	4220358.95	0.00157		568324.99
4220358.95	0.00138			
568374.99	4220358.95	0.00125		568424.99
4220358.95	0.00115			
568474.99	4220358.95	0.00105		568524.99
4220358.95	0.00096			
568124.99	4220408.95	0.00250		568174.99
4220408.95	0.00217			
568224.99	4220408.95	0.00190		568274.99
4220408.95	0.00168			
568324.99	4220408.95	0.00150		568374.99
4220408.95	0.00134			
568424.99	4220408.95	0.00121		568474.99
4220408.95	0.00110			
568524.99	4220408.95	0.00100		568124.99
4220458.95	0.00270			
568174.99	4220458.95	0.00232		568224.99
4220458.95	0.00202			
568274.99	4220458.95	0.00178		568324.99
4220458.95	0.00158			
568374.99	4220458.95	0.00142		568424.99
4220458.95	0.00127			
568474.99	4220458.95	0.00115		568524.99
4220458.95	0.00104			
568124.99	4220508.95	0.00293		568174.99
4220508.95	0.00250			
568224.99	4220508.95	0.00217		568274.99
4220508.95	0.00190			
568324.99	4220508.95	0.00168		568374.99
4220508.95	0.00149			
568424.99	4220508.95	0.00134		568474.99
4220508.95	0.00120			
568524.99	4220508.95	0.00109		568124.99
4220558.95	0.00322			
568174.99	4220558.95	0.00272		568224.99
4220558.95	0.00233			
568274.99	4220558.95	0.00202		568324.99
4220558.95	0.00178			
568374.99	4220558.95	0.00157		568424.99
4220558.95	0.00140			

Northgate Vallejo -80. ADO

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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 20: 51: 51

PAGE 16

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0058823 , L0058824  
 , L0058825 , L0058826 , L0058827 ,  
 , L0058828 , L0058829 , L0058830 , L0058831 , L0058832  
 , L0058833 , L0058834 , L0058835 ,  
 , L0058836 , L0058837 , L0058838 , L0058839 , L0058840  
 , L0058841 , L0058842 , L0058843 ,  
 , L0058844 , L0058845 , L0058846 , L0058847 , L0058848  
 , L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
568474.99	4220558.95	0.00125	568524.99
4220558.95	0.00114		
568124.99	4220608.95	0.00355	568174.99
4220608.95	0.00295		
568224.99	4220608.95	0.00251	568274.99
4220608.95	0.00216		
568324.99	4220608.95	0.00189	568374.99
4220608.95	0.00167		

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\*  
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 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 20: 51: 51

PAGE 17

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

Northgate Vallejo\_I-80.ADO

INCLUDING SOURCE(S): L0058823 , L0058824  
 , L0058825 , L0058826 , L0058827 ,  
 L0058828 , L0058829 , L0058830 , L0058831 , L0058832  
 , L0058833 , L0058834 , L0058835 ,  
 L0058836 , L0058837 , L0058838 , L0058839 , L0058840  
 , L0058841 , L0058842 , L0058843 ,  
 L0058844 , L0058845 , L0058846 , L0058847 , L0058848  
 , L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YMMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YMMMDDHH)		
568124.57	4220158.79	0.01356	(10121307)	568124.99
4220158.95	0.01355	(10121307)		
568174.99	4220158.95	0.01248	(10121307)	568224.99
4220158.95	0.01152	(11011917)		
568274.99	4220158.95	0.01051	(10010124)	568324.99
4220158.95	0.00975	(10010124)		
568374.99	4220158.95	0.00934	(10010124)	568424.99
4220158.95	0.00876	(10021323)		
568474.99	4220158.95	0.00829	(09022824)	568524.99
4220158.95	0.00781	(10121107)		
568124.99	4220208.95	0.01395	(11011917)	568174.99
4220208.95	0.01288	(10121307)		
568224.99	4220208.95	0.01159	(10010124)	568274.99
4220208.95	0.01026	(13010302)		
568324.99	4220208.95	0.00999	(10010124)	568374.99
4220208.95	0.00935	(10021323)		
568424.99	4220208.95	0.00884	(09022824)	568474.99
4220208.95	0.00850	(09022824)		
568524.99	4220208.95	0.00806	(10121107)	568124.99
4220258.95	0.01340	(11011324)		
568174.99	4220258.95	0.01238	(09022824)	568224.99
4220258.95	0.01115	(11011917)		
568274.99	4220258.95	0.01051	(13010302)	568324.99
4220258.95	0.01013	(10121107)		
568374.99	4220258.95	0.00947	(09022824)	568424.99
4220258.95	0.00879	(12013106)		
568474.99	4220258.95	0.00841	(10121107)	568524.99
4220258.95	0.00789	(11011324)		
568124.99	4220308.95	0.01408	(12120504)	568174.99
4220308.95	0.01270	(12120504)		

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568224.99	4220308.95	0.01155	(11011917)	568274.99
4220308.95	0.01070	(13010302)		
568324.99	4220308.95	0.01039	(10010124)	568374.99
4220308.95	0.00968	(09022824)		
568424.99	4220308.95	0.00893	(10121104)	568474.99
4220308.95	0.00835	(09022324)		
568524.99	4220308.95	0.00785	(10121105)	568124.99
4220358.95	0.01476	(12120504)		
568174.99	4220358.95	0.01325	(12120504)	568224.99
4220358.95	0.01199	(11011917)		
568274.99	4220358.95	0.01082	(11011917)	568324.99
4220358.95	0.01047	(11011324)		
568374.99	4220358.95	0.00946	(13010302)	568424.99
4220358.95	0.00882	(10121105)		
568474.99	4220358.95	0.00838	(10121105)	568524.99
4220358.95	0.00800	(11122408)		
568124.99	4220408.95	0.01550	(12120504)	568174.99
4220408.95	0.01386	(12120504)		
568224.99	4220408.95	0.01246	(11011917)	568274.99
4220408.95	0.01125	(11011917)		
568324.99	4220408.95	0.01029	(10010124)	568374.99
4220408.95	0.00947	(12022108)		
568424.99	4220408.95	0.00881	(10121107)	568474.99
4220408.95	0.00855	(11122408)		
568524.99	4220408.95	0.00802	(11122408)	568124.99
4220458.95	0.01630	(12120504)		
568174.99	4220458.95	0.01448	(12120504)	568224.99
4220458.95	0.01294	(11011917)		
568274.99	4220458.95	0.01164	(11011917)	568324.99
4220458.95	0.01061	(10010124)		
568374.99	4220458.95	0.00976	(12022108)	568424.99
4220458.95	0.00914	(10020706)		
568474.99	4220458.95	0.00862	(11122408)	568524.99
4220458.95	0.00832	(10121106)		
568124.99	4220508.95	0.01735	(11123022)	568174.99
4220508.95	0.01527	(11123001)		
568224.99	4220508.95	0.01380	(11123001)	568274.99
4220508.95	0.01245	(11123001)		
568324.99	4220508.95	0.01121	(11123001)	568374.99
4220508.95	0.01002	(12022108)		
568424.99	4220508.95	0.00926	(10121107)	568474.99
4220508.95	0.00878	(10121105)		
568524.99	4220508.95	0.00848	(12020719)	568124.99
4220558.95	0.01900	(11123022)		
568174.99	4220558.95	0.01653	(11123022)	568224.99
4220558.95	0.01463	(11123001)		
568274.99	4220558.95	0.01327	(11123001)	568324.99
4220558.95	0.01207	(11123001)		
568374.99	4220558.95	0.01090	(11123001)	568424.99



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422058.95 0.00978 (11123001)

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 20:51:51

PAGE 18

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0058823 , L0058824  
 , L0058825 , L0058826 , L0058827 ,  
 , L0058828 , L0058829 , L0058830 , L0058831 , L0058832  
 , L0058833 , L0058834 , L0058835 ,  
 , L0058836 , L0058837 , L0058838 , L0058839 , L0058840  
 , L0058841 , L0058842 , L0058843 ,  
 , L0058844 , L0058845 , L0058846 , L0058847 , L0058848  
 , L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
568474.99	422058.95	0.00919	(10121106)	568524.99
422058.95	0.00862 (10020624)			
568124.99	4220608.95	0.02061	(09021123)	568174.99
4220608.95	0.01786 (11123022)			
568224.99	4220608.95	0.01572	(11123022)	568274.99
4220608.95	0.01396 (11123001)			
568324.99	4220608.95	0.01276	(11123001)	568374.99
4220608.95	0.01167 (11123001)			

\*\*\* AERMOD - VERSION 18081 \*\*\*

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02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 20:51:51

PAGE 19

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

Northgate Vallejo\_I -80. ADO

VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):

L0058823 , L0058824  
 , L0058825 , L0058826 , L0058827 ,  
 L0058828 , L0058829 , L0058830 , L0058831 , L0058832  
 , L0058833 , L0058834 , L0058835 ,  
 L0058836 , L0058837 , L0058838 , L0058839 , L0058840  
 , L0058841 , L0058842 , L0058843 ,  
 L0058844 , L0058845 , L0058846 , L0058847 , L0058848  
 , L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
568124. 57	4220158. 79	0. 00603c (10021924)	568124. 99
4220158. 95	0. 00603c (10021924)		
568174. 99	4220158. 95	0. 00532c (10021924)	568224. 99
4220158. 95	0. 00478c (12121824)		
568274. 99	4220158. 95	0. 00450c (12121824)	568324. 99
4220158. 95	0. 00418c (12121824)		
568374. 99	4220158. 95	0. 00366c (12121824)	568424. 99
4220158. 95	0. 00332c (10111024)		
568474. 99	4220158. 95	0. 00310c (10111024)	568524. 99
4220158. 95	0. 00286c (10111024)		
568124. 99	4220208. 95	0. 00648c (10021924)	568174. 99
4220208. 95	0. 00569c (10021924)		
568224. 99	4220208. 95	0. 00518c (10021924)	568274. 99
4220208. 95	0. 00471c (12121824)		
568324. 99	4220208. 95	0. 00427c (12121824)	568374. 99
4220208. 95	0. 00392c (12121824)		
568424. 99	4220208. 95	0. 00366c (12121824)	568474. 99
4220208. 95	0. 00319c (10111024)		
568524. 99	4220208. 95	0. 00298c (12121824)	568124. 99
4220258. 95	0. 00704c (10021924)		
568174. 99	4220258. 95	0. 00625c (10021924)	568224. 99
4220258. 95	0. 00563c (10021924)		
568274. 99	4220258. 95	0. 00504c (10021924)	568324. 99
4220258. 95	0. 00452c (10021924)		
568374. 99	4220258. 95	0. 00412c (10021924)	568424. 99
4220258. 95	0. 00382c (12121824)		
568474. 99	4220258. 95	0. 00357c (12121824)	568524. 99
4220258. 95	0. 00335c (12121824)		
568124. 99	4220308. 95	0. 00743c (10021924)	568174. 99

Northgate Vallejo\_I -80. ADO

4220308.95	0.00667c (10021924)	
568224.99	4220308.95	0.00599c (10021924) 568274.99
4220308.95	0.00533c (10021924)	
568324.99	4220308.95	0.00482c (10021924) 568374.99
4220308.95	0.00440c (10021924)	
568424.99	4220308.95	0.00403c (10021924) 568474.99
4220308.95	0.00377c (10123024)	
568524.99	4220308.95	0.00358c (10123024) 568124.99
4220358.95	0.00783c (10021924)	
568174.99	4220358.95	0.00703c (10021924) 568224.99
4220358.95	0.00633c (10021924)	
568274.99	4220358.95	0.00566c (10021924) 568324.99
4220358.95	0.00514c (10021924)	
568374.99	4220358.95	0.00468c (10021924) 568424.99
4220358.95	0.00431c (10021924)	
568474.99	4220358.95	0.00395c (10021924) 568524.99
4220358.95	0.00369c (10123024)	
568124.99	4220408.95	0.00824c (10021924) 568174.99
4220408.95	0.00741c (10021924)	
568224.99	4220408.95	0.00665c (10021924) 568274.99
4220408.95	0.00600c (10021924)	
568324.99	4220408.95	0.00545c (10021924) 568374.99
4220408.95	0.00497c (10021924)	
568424.99	4220408.95	0.00457c (10021924) 568474.99
4220408.95	0.00418c (10021924)	
568524.99	4220408.95	0.00385c (10123024) 568124.99
4220458.95	0.00865c (10021924)	
568174.99	4220458.95	0.00774c (10021924) 568224.99
4220458.95	0.00695c (10021924)	
568274.99	4220458.95	0.00627c (10021924) 568324.99
4220458.95	0.00569c (10021924)	
568374.99	4220458.95	0.00520c (10021924) 568424.99
4220458.95	0.00482c (10021924)	
568474.99	4220458.95	0.00439c (10021924) 568524.99
4220458.95	0.00398c (10123024)	
568124.99	4220508.95	0.00914c (10021924) 568174.99
4220508.95	0.00815c (10021924)	
568224.99	4220508.95	0.00730c (10021924) 568274.99
4220508.95	0.00656c (10021924)	
568324.99	4220508.95	0.00594c (10021924) 568374.99
4220508.95	0.00548c (10021924)	
568424.99	4220508.95	0.00502c (10021924) 568474.99
4220508.95	0.00457c (10021924)	
568524.99	4220508.95	0.00414c (10021924) 568124.99
4220558.95	0.00980c (10021924)	
568174.99	4220558.95	0.00864c (10021924) 568224.99
4220558.95	0.00766c (10021924)	
568274.99	4220558.95	0.00684c (10021924) 568324.99
4220558.95	0.00617c (10021924)	

Northgate Vallejo\_I-80.ADO

568374.99 4220558.95 0.00568c (10021924) 568424.99

4220558.95 0.00519c (10021924)

\*\*\* AERMOD - VERSION 18081 \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 20:51:51

PAGE 20

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0058823 , L0058824  
, L0058825 , L0058826 , L0058827 ,  
L0058828 , L0058829 , L0058830 , L0058831 , L0058832  
, L0058833 , L0058834 , L0058835 ,  
L0058836 , L0058837 , L0058838 , L0058839 , L0058840  
, L0058841 , L0058842 , L0058843 ,  
L0058844 , L0058845 , L0058846 , L0058847 , L0058848  
, L0058849 , L0058850 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
568474.99	4220558.95	0.00466c (10021924)	568524.99
4220558.95	0.00426c (10021924)		
568124.99	4220608.95	0.01048c (10021924)	568174.99
4220608.95	0.00913c (10021924)		
568224.99	4220608.95	0.00805c (10021924)	568274.99
4220608.95	0.00714c (10021924)		
568324.99	4220608.95	0.00642c (10021924)	568374.99
4220608.95	0.00581c (10021924)		

\*\*\* AERMOD - VERSION 18081 \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 20:51:51

PAGE 21

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

Northgate Vallejo\_I-80.ADO

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

GROUP ID ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ALL	1ST HIGHEST VALUE IS	0.00355 AT (	568124.99, 4220608.95, 28.11,
324.62,	0.00) DC		
	2ND HIGHEST VALUE IS	0.00322 AT (	568124.99, 4220558.95, 28.29,
324.62,	0.00) DC		
	3RD HIGHEST VALUE IS	0.00295 AT (	568174.99, 4220608.95, 28.48,
324.62,	0.00) DC		
	4TH HIGHEST VALUE IS	0.00293 AT (	568124.99, 4220508.95, 27.72,
324.62,	0.00) DC		
	5TH HIGHEST VALUE IS	0.00272 AT (	568174.99, 4220558.95, 28.89,
324.62,	0.00) DC		
	6TH HIGHEST VALUE IS	0.00270 AT (	568124.99, 4220458.95, 28.18,
324.62,	0.00) DC		
	7TH HIGHEST VALUE IS	0.00251 AT (	568224.99, 4220608.95, 29.39,
324.62,	0.00) DC		
	8TH HIGHEST VALUE IS	0.00250 AT (	568174.99, 4220508.95, 28.47,
324.62,	0.00) DC		
	9TH HIGHEST VALUE IS	0.00250 AT (	568124.99, 4220408.95, 29.00,
324.62,	0.00) DC		
	10TH HIGHEST VALUE IS	0.00233 AT (	568224.99, 4220558.95, 29.83,
324.62,	0.00) DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\*

20:51:51

PAGE 22

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
---	-------------------------	--------------------	--------------------	----------

ALL HIGH 1ST HIGH VALUE IS 4220608.95, 28.11, 324.62,	0.02061 0.00)	DC	ON 09021123:	AT ( 568124.99,
--	------------------	----	--------------	-----------------

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 18081 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 20:51:51

PAGE 23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
---	-------------------------	--------------------	--------------------	----------

ALL HIGH 1ST HIGH VALUE IS 4220608.95, 28.11, 324.62,	0.01048c 0.00)	DC	ON 10021924:	AT ( 568124.99,
--	-------------------	----	--------------	-----------------

Northgate Vallejo\_I-80.ADO

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 18081 \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
02/01/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 20:51:51

PAGE 24

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of 0 Fatal Error Message(s)  
A Total of 1 Warning Message(s)  
A Total of 10597 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 9342 Calm Hours Identified  
  
A Total of 1255 Missing Hours Identified ( 2.86 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours=  
48

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

NorthgateVallego\_Gas.ADI

\*\*

\*\*\*\*\*

\*\*

\*\* AERMOD Input Produced by:

\*\* AERMOD View Ver. 9.8.1

\*\* Lakes Environmental Software Inc.

\*\* Date: 12/18/2019

\*\* File: C:\Lakes\AERMOD View\NorthgateVallego\_Gas\NorthgateVallego\_Gas.ADI

\*\*

\*\*\*\*\*

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\*\*

\*\*\*\*\*

\*\* AERMOD Control Pathway

\*\*\*\*\*

\*\*

\*\*

CO STARTING

TITLEONE C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H

MODELOPT DFAULT CONC

AVERTIME 1 24 ANNUAL

URBANOPT 445458 Solano\_County

POLLUTID TOG

RUNORNOT RUN

ERRORFIL NorthgateVallego\_Gas.err

CO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Source Pathway

\*\*\*\*\*

\*\*

\*\*

SO STARTING

\*\* Source Location \*\*

\*\* Source ID - Type - X Coord. - Y Coord. \*\*

LOCATION	GS_TANK	AREA	567807.890	4220196.290	32.480
----------	---------	------	------------	-------------	--------

\*\* DESCRSRC gas station

\*\* Source Parameters \*\*

SRCPARAM	GS_TANK	8.0864E-07	3.600	48.380	56.490	0.000
----------	---------	------------	-------	--------	--------	-------

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*



NorthgateVallego\_Gas.ADI

RE STARTING

INCLUDED NorthgateVallego\_Gas.rou

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE NapaCountyAirport\_MetData\724955.SFC

PROFFILE NapaCountyAirport\_MetData\724955.PFL

SURFDATA 93227 2009 Napa\_County\_Airport

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 4.3 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST NORTHGATEVALLEGO\_GAS.AD\01H1GALL.PLT 31

PLOTFILE 24 ALL 1ST NORTHGATEVALLEGO\_GAS.AD\24H1GALL.PLT 32

PLOTFILE ANNUAL ALL NORTHGATEVALLEGO\_GAS.AD\AN00GALL.PLT 33

SUMMFILE NorthgateVallego\_Gas.sum

OU FINISHED

\*\*

\*\*\*\*\*

\*\* Project Parameters

\*\*\*\*\*

\*\* PROJCTN CoordinateSystemUTM

\*\* DESCPTN UTM: Universal Transverse Mercator

\*\* DATUM World Geodetic System 1984

\*\* DTMRGN Global Definition

\*\* UNITS m

\*\* ZONE 10

\*\* ZONEINX 0

\*\*

NorthgateVallego\_Gas.ADO

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.1
** Lakes Environmental Software Inc.
** Date: 12/18/2019
** File: C:\Lakes\AERMOD View\NorthgateVallego_Gas\NorthgateVallego_Gas.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA\NorthgateVallejo_H
  MODELOPT DFAULT CONC
  AVERTIME 1 24 ANNUAL
  URBANOPT 445458 Solano_County
  POLLUTID TOG
  RUNORNOT RUN
  ERRORFIL NorthgateVallego_Gas.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION GS_TANK      AREA      567807.890   4220196.290   32.480
** DESCRSRC gas station
** Source Parameters **
  SRCPARAM GS_TANK      8.0864E-07   3.600   48.380   56.490   0.000
  URBANSRC ALL
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
```

NorthgateVallego\_Gas.ADO

RE STARTING  
INCLUDED NorthgateVallego\_Gas.rou  
RE FINISHED

\*\*  
\*\*\*\*\*  
\*\* AERMOD Meteorology Pathway  
\*\*\*\*\*

\*\*  
\*\*  
ME STARTING  
SURFFILE NapaCountyAirport\_MetData\724955.SFC  
PROFFILE NapaCountyAirport\_MetData\724955.PFL  
SURFDATA 93227 2009 Napa\_County\_Airport  
UAIRDATA 23230 2009 OAKLAND/WSO\_AP  
PROFBASE 4.3 METERS

ME FINISHED  
\*\*  
\*\*\*\*\*  
\*\* AERMOD Output Pathway  
\*\*\*\*\*

\*\*  
\*\*  
OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
RECTABLE 24 1ST  
\*\* Auto-Generated Plotfiles  
PLOTFILE 1 ALL 1ST NORTHGATEVALLEGO\_GAS.AD\01H1GALL.PLT 31  
PLOTFILE 24 ALL 1ST NORTHGATEVALLEGO\_GAS.AD\24H1GALL.PLT 32  
PLOTFILE ANNUAL ALL NORTHGATEVALLEGO\_GAS.AD\AN00GALL.PLT 33  
SUMMFILE NorthgateVallego\_Gas.sum

OU FINISHED  
\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 1  
\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

NorthgateVallego\_Gas.ADO

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

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 445458.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: TOG

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates ANNUAL Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 393  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNNING After the Setup Testing.

NorthgateVallego\_Gas.ADO

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)  
Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)  
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 4.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.6 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: NorthgateVallego\_Gas.err

\*\*File for Summary of Results: NorthgateVallego\_Gas.sum

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 2  
\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* AREA SOURCE DATA \*\*\*

NUMBER EMISSION RATE COORD (SW CORNER) BASE RELEASE X-DIM

NorthgateVallejo\_Gas.ADO

Y-DIM	ORIENT.	INIT.	URBAN	EMISSION RATE		ELEV.	HEIGHT	OF AREA
SOURCE	PART.	(GRAMS/SEC	X	Y		(METERS)	(METERS)	(METERS)
OF AREA	OF AREA	SZ	SOURCE	SCALAR	VARY			
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(DEG.)	(METERS)	BY					

```

-----
-----
GS_TANK          0  0.80864E-06  567807.9  4220196.3  32.5  3.60  48.38
56.49          0.00  0.00  YES

```

```

^ *** AERMOD - VERSION 19191 *** ***
C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA\NorthgateVallejo_H ***
12/18/19

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*** AERMET - VERSION 14134 *** ***
***                               09:07:01

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PAGE 3

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*** MODELOPTs:  RegDFault  CONC  ELEV  URBAN

```

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

```

SRCGROUP ID          SOURCE IDs
-----

```

```

ALL          GS_TANK          ,
^ *** AERMOD - VERSION 19191 *** ***
C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA\NorthgateVallejo_H ***
12/18/19

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*** AERMET - VERSION 14134 *** ***
***                               09:07:01

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PAGE 4

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*** MODELOPTs:  RegDFault  CONC  ELEV  URBAN

```

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

\*\*\*

```

URBAN ID  URBAN POP          SOURCE IDs
-----

```

```

445458.  GS_TANK          ,
^ *** AERMOD - VERSION 19191 *** ***
C:\Users\jared.stine\Desktop\NorthgateVallejo_HRA\NorthgateVallejo_H ***

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NorthgateVallego\_Gas.ADO

12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 09:07:01

PAGE 5

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 567539.9, 4220159.2, 36.0, 74.5, 0.0); ( 567589.9,  
4220159.2, 34.5, 74.5, 0.0);  
( 567639.9, 4220159.2, 32.4, 74.5, 0.0); ( 567539.9,  
4220209.2, 37.8, 74.5, 0.0);  
( 567589.9, 4220209.2, 34.9, 74.5, 0.0); ( 567639.9,  
4220209.2, 31.2, 74.5, 0.0);  
( 567539.9, 4220259.2, 37.3, 74.5, 0.0); ( 567589.9,  
4220259.2, 34.5, 74.5, 0.0);  
( 567639.9, 4220259.2, 30.2, 74.5, 0.0); ( 567689.9,  
4220259.2, 30.0, 74.5, 0.0);  
( 567539.9, 4220309.2, 35.5, 74.5, 0.0); ( 567589.9,  
4220309.2, 33.8, 74.5, 0.0);  
( 567639.9, 4220309.2, 31.6, 74.5, 0.0); ( 567689.9,  
4220309.2, 29.2, 74.5, 0.0);  
( 567539.9, 4220359.2, 36.0, 74.5, 0.0); ( 567589.9,  
4220359.2, 33.7, 74.5, 0.0);  
( 567639.9, 4220359.2, 31.9, 74.5, 0.0); ( 567689.9,  
4220359.2, 28.0, 74.5, 0.0);  
( 567739.9, 4220359.2, 30.0, 30.0, 0.0); ( 567539.9,  
4220409.2, 36.4, 74.3, 0.0);  
( 567589.9, 4220409.2, 34.1, 74.3, 0.0); ( 567639.9,  
4220409.2, 30.8, 74.3, 0.0);  
( 567689.9, 4220409.2, 27.2, 50.5, 0.0); ( 567739.9,  
4220409.2, 29.4, 324.6, 0.0);  
( 567539.9, 4220459.2, 40.2, 50.5, 0.0); ( 567589.9,  
4220459.2, 36.1, 50.5, 0.0);  
( 567639.9, 4220459.2, 31.4, 50.5, 0.0); ( 567689.9,  
4220459.2, 26.7, 324.6, 0.0);  
( 567739.9, 4220459.2, 29.4, 324.6, 0.0); ( 567539.9,  
4220509.2, 46.6, 50.1, 0.0);  
( 567589.9, 4220509.2, 39.6, 50.5, 0.0); ( 567639.9,  
4220509.2, 33.0, 50.5, 0.0);  
( 567689.9, 4220509.2, 26.6, 324.6, 0.0); ( 567739.9,  
4220509.2, 28.7, 324.6, 0.0);  
( 567539.9, 4220559.2, 40.5, 50.5, 0.0); ( 567589.9,  
4220559.2, 34.1, 50.5, 0.0);  
( 567639.9, 4220559.2, 30.1, 324.6, 0.0); ( 567689.9,

NorthgateVallego\_Gas.ADO

4220559.2, 26.3, 324.6, 0.0);  
 ( 567739.9, 4220559.2, 28.2, 324.6, 0.0); ( 567789.9,  
 4220559.2, 29.7, 324.6, 0.0);  
 ( 567539.9, 4220609.2, 34.1, 50.5, 0.0); ( 567589.9,  
 4220609.2, 29.5, 324.6, 0.0);  
 ( 567639.9, 4220609.2, 27.4, 324.6, 0.0); ( 567689.9,  
 4220609.2, 26.6, 324.6, 0.0);  
 ( 567739.9, 4220609.2, 28.1, 324.6, 0.0); ( 567789.9,  
 4220609.2, 30.3, 324.6, 0.0);  
 ( 567340.1, 4219808.6, 45.8, 73.2, 0.0); ( 567340.1,  
 4219858.6, 49.5, 74.5, 0.0);  
 ( 567390.1, 4219858.6, 53.1, 68.3, 0.0); ( 567340.1,  
 4219908.6, 54.5, 74.5, 0.0);  
 ( 567390.1, 4219908.6, 59.0, 59.0, 0.0); ( 567440.1,  
 4219908.6, 55.8, 68.3, 0.0);  
 ( 567490.1, 4219908.6, 43.7, 74.5, 0.0); ( 567340.1,  
 4219958.6, 59.9, 73.2, 0.0);  
 ( 567390.1, 4219958.6, 63.4, 63.4, 0.0); ( 567440.1,  
 4219958.6, 57.5, 73.2, 0.0);  
 ( 567490.1, 4219958.6, 43.3, 74.5, 0.0); ( 567340.1,  
 4220008.6, 66.7, 73.2, 0.0);  
 ( 567390.1, 4220008.6, 66.5, 68.3, 0.0); ( 567440.1,  
 4220008.6, 59.1, 74.0, 0.0);  
 ( 567490.1, 4220008.6, 49.2, 74.5, 0.0); ( 567540.1,  
 4220008.6, 36.5, 74.5, 0.0);  
 ( 567340.1, 4220058.6, 71.0, 73.2, 0.0); ( 567390.1,  
 4220058.6, 63.1, 74.5, 0.0);  
 ( 567440.1, 4220058.6, 53.3, 74.5, 0.0); ( 567490.1,  
 4220058.6, 42.7, 74.5, 0.0);  
 ( 567540.1, 4220058.6, 36.1, 74.5, 0.0); ( 567340.1,  
 4220108.6, 71.3, 74.0, 0.0);  
 ( 567390.1, 4220108.6, 60.5, 74.5, 0.0); ( 567440.1,  
 4220108.6, 47.1, 74.5, 0.0);  
 ( 567490.1, 4220108.6, 37.3, 74.5, 0.0); ( 567540.1,  
 4220108.6, 35.5, 74.5, 0.0);  
 ( 567340.1, 4220158.6, 65.0, 74.5, 0.0); ( 567390.1,  
 4220158.6, 54.8, 74.5, 0.0);  
 ( 567440.1, 4220158.6, 44.2, 74.5, 0.0); ( 567490.1,  
 4220158.6, 37.2, 74.5, 0.0);  
 ( 567540.1, 4220158.6, 36.0, 74.5, 0.0); ( 567340.1,  
 4220208.6, 56.2, 74.5, 0.0);  
 ( 567390.1, 4220208.6, 45.7, 74.5, 0.0); ( 567440.1,  
 4220208.6, 41.1, 74.5, 0.0);  
 ( 567490.1, 4220208.6, 38.9, 74.5, 0.0); ( 567540.1,  
 4220208.6, 37.7, 74.5, 0.0);  
 ( 567340.1, 4220258.6, 46.7, 74.5, 0.0); ( 567390.1,  
 4220258.6, 40.5, 74.5, 0.0);  
 ( 567440.1, 4220258.6, 37.4, 74.5, 0.0); ( 567490.1,



NorthgateVallejo\_Gas.ADO

4220258.6, 37.4, 74.5, 0.0); ( 567540.1, 4220258.6, 37.3, 74.5, 0.0); ( 567340.1, 4220308.6, 41.8, 74.5, 0.0); ( 567390.1, 4220308.6, 38.9, 74.5, 0.0); ( 567440.1, 4220308.6, 37.4, 74.5, 0.0);

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 6

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 567490.1, 4220308.6, 36.3, 74.5, 0.0); ( 567540.1, 4220308.6, 35.5, 74.5, 0.0); ( 567340.1, 4220358.6, 41.4, 74.5, 0.0); ( 567390.1, 4220358.6, 38.5, 74.5, 0.0); ( 567440.1, 4220358.6, 37.6, 74.5, 0.0); ( 567490.1, 4220358.6, 37.1, 74.5, 0.0); ( 567540.1, 4220358.6, 36.0, 74.5, 0.0); ( 567340.1, 4220408.6, 43.4, 74.5, 0.0); ( 567390.1, 4220408.6, 43.0, 74.3, 0.0); ( 567440.1, 4220408.6, 42.4, 74.3, 0.0); ( 567490.1, 4220408.6, 38.7, 74.3, 0.0); ( 567540.1, 4220408.6, 36.4, 74.3, 0.0); ( 567340.1, 4220458.6, 47.4, 47.4, 0.0); ( 567390.1, 4220458.6, 44.8, 44.8, 0.0); ( 567440.1, 4220458.6, 41.9, 41.9, 0.0); ( 567490.1, 4220458.6, 40.9, 50.5, 0.0); ( 567540.1, 4220458.6, 40.1, 50.5, 0.0); ( 567340.1, 4220508.6, 50.5, 50.5, 0.0); ( 567390.1, 4220508.6, 44.2, 52.0, 0.0); ( 567440.1, 4220508.6, 42.3, 50.5, 0.0); ( 567490.1, 4220508.6, 46.6, 50.5, 0.0); ( 567540.1, 4220508.6, 46.6, 50.1, 0.0); ( 567340.1, 4220558.6, 50.4, 50.4, 0.0); ( 567390.1, 4220558.6, 42.8, 52.0, 0.0); ( 567440.1, 4220558.6, 43.9, 50.5, 0.0); ( 567490.1, 4220558.6, 46.5, 50.5, 0.0); ( 567540.1, 4220558.6, 40.6, 50.5, 0.0); ( 567340.1, 4220608.6, 44.4, 50.9, 0.0); ( 567390.1, 4220608.6, 39.2, 52.0, 0.0); ( 567440.1, 4220608.6, 39.6, 50.5, 0.0);

NorthgateVallego\_Gas.ADO

( 567490.1, 4220608.6, 39.9, 50.5, 0.0); ( 567540.1,  
4220608.6, 34.1, 50.5, 0.0);  
( 567324.6, 4219559.2, 36.9, 36.9, 0.0); ( 567374.6,  
4219559.2, 35.5, 35.5, 0.0);  
( 567424.6, 4219559.2, 36.3, 79.2, 0.0); ( 567324.6,  
4219609.2, 37.5, 37.5, 0.0);  
( 567374.6, 4219609.2, 36.5, 36.5, 0.0); ( 567424.6,  
4219609.2, 36.3, 75.6, 0.0);  
( 567324.6, 4219659.2, 38.6, 38.6, 0.0); ( 567374.6,  
4219659.2, 37.2, 37.2, 0.0);  
( 567424.6, 4219659.2, 37.2, 64.1, 0.0); ( 567324.6,  
4219709.2, 40.0, 40.0, 0.0);  
( 567374.6, 4219709.2, 38.6, 62.8, 0.0); ( 567424.6,  
4219709.2, 38.2, 62.8, 0.0);  
( 567324.6, 4219759.2, 42.2, 68.3, 0.0); ( 567374.6,  
4219759.2, 42.3, 68.3, 0.0);  
( 567324.6, 4219809.2, 45.3, 73.2, 0.0); ( 567374.6,  
4219809.2, 46.6, 73.2, 0.0);  
( 567524.6, 4219559.0, 40.1, 99.5, 0.0); ( 567574.6,  
4219559.0, 41.8, 99.5, 0.0);  
( 567624.6, 4219559.0, 46.0, 99.5, 0.0); ( 567674.6,  
4219559.0, 53.5, 81.4, 0.0);  
( 567724.6, 4219559.0, 67.3, 67.3, 0.0); ( 567774.6,  
4219559.0, 61.4, 81.4, 0.0);  
( 567824.6, 4219559.0, 53.1, 99.5, 0.0); ( 567874.6,  
4219559.0, 60.6, 96.2, 0.0);  
( 567924.6, 4219559.0, 66.8, 94.6, 0.0); ( 567524.6,  
4219609.0, 43.4, 79.2, 0.0);  
( 567574.6, 4219609.0, 48.3, 79.2, 0.0); ( 567624.6,  
4219609.0, 52.5, 76.6, 0.0);  
( 567674.6, 4219609.0, 61.3, 65.1, 0.0); ( 567724.6,  
4219609.0, 61.9, 68.6, 0.0);  
( 567774.6, 4219609.0, 49.8, 99.5, 0.0); ( 567824.6,  
4219609.0, 43.3, 99.5, 0.0);  
( 567874.6, 4219609.0, 48.3, 99.5, 0.0); ( 567924.6,  
4219609.0, 53.6, 99.5, 0.0);  
( 567524.6, 4219659.0, 43.1, 75.6, 0.0); ( 567574.6,  
4219659.0, 48.4, 74.8, 0.0);  
( 567624.6, 4219659.0, 53.6, 65.1, 0.0); ( 567674.6,  
4219659.0, 61.4, 64.1, 0.0);  
( 567724.6, 4219659.0, 54.2, 76.6, 0.0); ( 567774.6,  
4219659.0, 44.6, 99.5, 0.0);  
( 567824.6, 4219659.0, 37.8, 99.5, 0.0); ( 567874.6,  
4219659.0, 38.5, 99.5, 0.0);  
( 567924.6, 4219659.0, 40.1, 99.5, 0.0); ( 567624.6,  
4219709.0, 44.6, 79.2, 0.0);  
( 567674.6, 4219709.0, 48.7, 74.8, 0.0); ( 567724.6,  
4219709.0, 47.6, 81.4, 0.0);

NorthgateVallejo\_Gas.ADO

( 567774.6, 4219709.0, 40.7, 99.5, 0.0); ( 567824.6,  
4219709.0, 36.2, 99.5, 0.0); ( 567874.6, 4219709.0, 35.4, 99.5, 0.0); ( 567924.6,  
4219709.0, 35.1, 99.5, 0.0); ( 567674.6, 4219759.0, 36.5, 94.6, 0.0); ( 567724.6,  
4219759.0, 36.9, 96.2, 0.0); ( 567774.6, 4219759.0, 35.8, 99.5, 0.0); ( 567824.6,  
4219759.0, 34.3, 99.5, 0.0); ( 567874.6, 4219759.0, 33.5, 99.5, 0.0); ( 567924.6,  
4219759.0, 32.7, 99.5, 0.0); ( 567924.6, 4219558.8, 66.8, 94.6, 0.0); ( 567974.6,  
4219558.8, 63.6, 94.6, 0.0);

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 7

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 568024.6, 4219558.8, 53.9, 99.5, 0.0); ( 568074.6,  
4219558.8, 46.0, 99.5, 0.0); ( 567924.6, 4219608.8, 53.6, 99.5, 0.0); ( 567974.6,  
4219608.8, 53.4, 99.5, 0.0); ( 568024.6, 4219608.8, 47.8, 99.5, 0.0); ( 568074.6,  
4219608.8, 40.8, 99.5, 0.0); ( 567924.6, 4219658.8, 40.1, 99.5, 0.0); ( 567974.6,  
4219658.8, 40.4, 99.5, 0.0); ( 568024.6, 4219658.8, 37.7, 99.5, 0.0); ( 568074.6,  
4219658.8, 32.5, 99.5, 0.0); ( 567924.6, 4219708.8, 35.2, 99.5, 0.0); ( 567974.6,  
4219708.8, 33.9, 99.5, 0.0); ( 568024.6, 4219708.8, 31.1, 99.5, 0.0); ( 568074.6,  
4219708.8, 31.8, 99.5, 0.0); ( 568124.6, 4219708.8, 37.6, 99.5, 0.0); ( 567924.6,  
4219758.8, 32.7, 99.5, 0.0); ( 567974.6, 4219758.8, 31.4, 99.5, 0.0); ( 568024.6,  
4219758.8, 30.3, 99.5, 0.0); ( 568074.6, 4219758.8, 35.2, 99.5, 0.0); ( 568124.6,  
4219758.8, 42.0, 94.6, 0.0); ( 567924.6, 4219808.8, 31.1, 99.5, 0.0); ( 567974.6,  
4219808.8, 30.3, 99.5, 0.0); ( 568024.6, 4219808.8, 32.2, 99.5, 0.0); ( 568074.6,

NorthgateVallego\_Gas.ADO

4219808.8, 37.6, 94.6, 0.0);  
 ( 568124.6, 4219808.8, 43.4, 94.6, 0.0); ( 567924.6,  
 4219858.8, 29.9, 99.5, 0.0);  
 ( 567974.6, 4219858.8, 29.9, 99.5, 0.0); ( 568024.6,  
 4219858.8, 34.5, 94.6, 0.0);  
 ( 568074.6, 4219858.8, 39.6, 94.6, 0.0); ( 568124.6,  
 4219858.8, 43.2, 94.6, 0.0);  
 ( 567924.6, 4219908.8, 30.3, 94.6, 0.0); ( 567974.6,  
 4219908.8, 31.2, 94.6, 0.0);  
 ( 568024.6, 4219908.8, 35.1, 94.6, 0.0); ( 568074.6,  
 4219908.8, 39.4, 94.6, 0.0);  
 ( 568124.6, 4219908.8, 43.3, 43.3, 0.0); ( 567924.6,  
 4219958.8, 31.9, 94.6, 0.0);  
 ( 567974.6, 4219958.8, 35.7, 35.7, 0.0); ( 568024.6,  
 4219958.8, 38.4, 38.4, 0.0);  
 ( 568074.6, 4219958.8, 40.5, 40.5, 0.0); ( 568124.6,  
 4219958.8, 43.5, 43.5, 0.0);  
 ( 567924.6, 4220008.8, 33.7, 33.7, 0.0); ( 567974.6,  
 4220008.8, 37.0, 37.0, 0.0);  
 ( 568024.6, 4220008.8, 40.0, 40.0, 0.0); ( 568074.6,  
 4220008.8, 42.5, 42.5, 0.0);  
 ( 568124.6, 4220008.8, 43.7, 43.7, 0.0); ( 567924.6,  
 4220058.8, 35.7, 35.7, 0.0);  
 ( 567974.6, 4220058.8, 38.2, 38.2, 0.0); ( 568024.6,  
 4220058.8, 41.0, 41.0, 0.0);  
 ( 568074.6, 4220058.8, 43.1, 43.1, 0.0); ( 568124.6,  
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 ( 567924.6, 4220108.8, 36.5, 36.5, 0.0); ( 567974.6,  
 4220108.8, 38.5, 38.5, 0.0);  
 ( 568024.6, 4220108.8, 39.4, 39.4, 0.0); ( 568074.6,  
 4220108.8, 39.4, 39.4, 0.0);  
 ( 568124.6, 4220108.8, 38.4, 38.4, 0.0); ( 567924.6,  
 4220158.8, 36.3, 36.3, 0.0);  
 ( 567974.6, 4220158.8, 37.1, 37.1, 0.0); ( 568024.6,  
 4220158.8, 36.7, 36.7, 0.0);  
 ( 568074.6, 4220158.8, 36.2, 36.2, 0.0); ( 568124.6,  
 4220158.8, 36.4, 324.6, 0.0);  
 ( 568125.0, 4219709.0, 37.7, 99.5, 0.0); ( 568175.0,  
 4219709.0, 42.6, 99.5, 0.0);  
 ( 568225.0, 4219709.0, 47.7, 94.6, 0.0); ( 568275.0,  
 4219709.0, 51.4, 94.6, 0.0);  
 ( 568125.0, 4219759.0, 42.1, 94.6, 0.0); ( 568175.0,  
 4219759.0, 47.3, 94.6, 0.0);  
 ( 568225.0, 4219759.0, 52.4, 94.6, 0.0); ( 568275.0,  
 4219759.0, 55.7, 55.7, 0.0);  
 ( 568125.0, 4219809.0, 43.5, 94.6, 0.0); ( 568175.0,  
 4219809.0, 48.1, 94.6, 0.0);  
 ( 568225.0, 4219809.0, 52.4, 55.9, 0.0); ( 568275.0,

NorthgateVallejo\_Gas.ADO

4219809.0, 55.8, 55.8, 0.0);  
( 568125.0, 4219859.0, 43.2, 94.6, 0.0); ( 568175.0,  
4219859.0, 46.7, 46.7, 0.0);  
( 568225.0, 4219859.0, 49.7, 49.7, 0.0); ( 568275.0,  
4219859.0, 54.1, 54.1, 0.0);  
( 568325.0, 4219859.0, 56.1, 56.1, 0.0); ( 568375.0,  
4219859.0, 54.2, 54.2, 0.0);  
( 568425.0, 4219859.0, 54.7, 54.7, 0.0); ( 568475.0,  
4219859.0, 55.4, 55.4, 0.0);  
( 568525.0, 4219859.0, 46.9, 88.1, 0.0); ( 568125.0,  
4219909.0, 43.4, 43.4, 0.0);  
( 568175.0, 4219909.0, 46.5, 46.5, 0.0); ( 568225.0,  
4219909.0, 49.9, 49.9, 0.0);  
( 568275.0, 4219909.0, 53.3, 53.3, 0.0); ( 568325.0,  
4219909.0, 55.5, 55.5, 0.0);  
( 568375.0, 4219909.0, 52.6, 52.6, 0.0); ( 568425.0,  
4219909.0, 50.4, 55.9, 0.0);  
( 568475.0, 4219909.0, 46.1, 56.0, 0.0); ( 568525.0,  
4219909.0, 41.3, 88.1, 0.0);

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 8

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 568125.0, 4219959.0, 43.5, 43.5, 0.0); ( 568175.0,  
4219959.0, 44.4, 44.4, 0.0);  
( 568225.0, 4219959.0, 46.4, 53.2, 0.0); ( 568275.0,  
4219959.0, 49.1, 54.9, 0.0);  
( 568325.0, 4219959.0, 51.1, 54.9, 0.0); ( 568375.0,  
4219959.0, 49.2, 54.9, 0.0);  
( 568425.0, 4219959.0, 42.9, 56.1, 0.0); ( 568475.0,  
4219959.0, 37.6, 324.6, 0.0);  
( 568525.0, 4219959.0, 42.3, 88.1, 0.0); ( 568125.0,  
4220009.0, 43.7, 43.7, 0.0);  
( 568175.0, 4220009.0, 42.8, 42.8, 0.0); ( 568225.0,  
4220009.0, 42.5, 54.9, 0.0);  
( 568275.0, 4220009.0, 43.4, 56.1, 0.0); ( 568325.0,  
4220009.0, 44.7, 54.9, 0.0);  
( 568375.0, 4220009.0, 43.7, 56.1, 0.0); ( 568425.0,  
4220009.0, 37.1, 324.6, 0.0);

NorthgateVallego\_Gas.ADO

( 568475.0, 4220009.0, 41.9, 324.6, 0.0); ( 568525.0,  
4220009.0, 49.8, 56.0, 0.0);  
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4220059.0, 40.2, 40.2, 0.0);  
( 568225.0, 4220059.0, 39.4, 39.4, 0.0); ( 568275.0,  
4220059.0, 40.3, 54.9, 0.0);  
( 568325.0, 4220059.0, 39.4, 324.6, 0.0); ( 568375.0,  
4220059.0, 37.3, 324.6, 0.0);  
( 568425.0, 4220059.0, 41.5, 324.6, 0.0); ( 568475.0,  
4220059.0, 48.3, 48.3, 0.0);  
( 568525.0, 4220059.0, 51.6, 51.6, 0.0); ( 568125.0,  
4220109.0, 38.4, 38.4, 0.0);  
( 568175.0, 4220109.0, 37.4, 37.4, 0.0); ( 568225.0,  
4220109.0, 38.4, 324.6, 0.0);  
( 568275.0, 4220109.0, 38.4, 324.6, 0.0); ( 568325.0,  
4220109.0, 37.1, 324.6, 0.0);  
( 568375.0, 4220109.0, 40.7, 324.6, 0.0); ( 568425.0,  
4220109.0, 46.9, 324.6, 0.0);  
( 568475.0, 4220109.0, 50.3, 324.6, 0.0); ( 568525.0,  
4220109.0, 49.3, 324.6, 0.0);  
( 568125.0, 4220159.0, 36.4, 324.6, 0.0); ( 568175.0,  
4220159.0, 37.5, 324.6, 0.0);  
( 568225.0, 4220159.0, 38.0, 324.6, 0.0); ( 568275.0,  
4220159.0, 36.9, 324.6, 0.0);  
( 568325.0, 4220159.0, 37.4, 324.6, 0.0); ( 568375.0,  
4220159.0, 41.7, 324.6, 0.0);  
( 568425.0, 4220159.0, 43.3, 324.6, 0.0); ( 568475.0,  
4220159.0, 44.2, 324.6, 0.0);  
( 568525.0, 4220159.0, 45.7, 324.6, 0.0); ( 568125.0,  
4220209.0, 35.8, 324.6, 0.0);  
( 568175.0, 4220209.0, 38.0, 324.6, 0.0); ( 568225.0,  
4220209.0, 36.3, 324.6, 0.0);  
( 568275.0, 4220209.0, 34.5, 324.6, 0.0); ( 568325.0,  
4220209.0, 37.6, 324.6, 0.0);  
( 568375.0, 4220209.0, 38.9, 324.6, 0.0); ( 568425.0,  
4220209.0, 39.1, 324.6, 0.0);  
( 568475.0, 4220209.0, 43.1, 324.6, 0.0); ( 568525.0,  
4220209.0, 44.0, 324.6, 0.0);  
( 568125.0, 4220259.0, 32.8, 324.6, 0.0); ( 568175.0,  
4220259.0, 34.4, 324.6, 0.0);  
( 568225.0, 4220259.0, 31.4, 324.6, 0.0); ( 568275.0,  
4220259.0, 33.2, 324.6, 0.0);  
( 568325.0, 4220259.0, 36.2, 324.6, 0.0); ( 568375.0,  
4220259.0, 37.3, 324.6, 0.0);  
( 568425.0, 4220259.0, 36.3, 324.6, 0.0); ( 568475.0,  
4220259.0, 37.8, 324.6, 0.0);  
( 568525.0, 4220259.0, 37.8, 324.6, 0.0); ( 568125.0,  
4220309.0, 30.3, 324.6, 0.0);

NorthgateVallejo\_Gas.ADO

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( 568175.0, 4220309.0, 30.8, 324.6, 0.0); ( 568225.0,
4220309.0, 31.3, 324.6, 0.0);
( 568275.0, 4220309.0, 33.8, 324.6, 0.0); ( 568325.0,
4220309.0, 37.1, 324.6, 0.0);
( 568375.0, 4220309.0, 37.5, 324.6, 0.0); ( 568425.0,
4220309.0, 35.7, 324.6, 0.0);
( 568475.0, 4220309.0, 34.0, 324.6, 0.0); ( 568525.0,
4220309.0, 33.4, 324.6, 0.0);
( 568125.0, 4220359.0, 29.6, 324.6, 0.0); ( 568175.0,
4220359.0, 30.3, 324.6, 0.0);
( 568225.0, 4220359.0, 31.1, 324.6, 0.0); ( 568275.0,
4220359.0, 32.6, 324.6, 0.0);
( 568325.0, 4220359.0, 35.5, 324.6, 0.0); ( 568375.0,
4220359.0, 34.5, 324.6, 0.0);
( 568425.0, 4220359.0, 32.3, 324.6, 0.0); ( 568475.0,
4220359.0, 32.5, 324.6, 0.0);
( 568525.0, 4220359.0, 34.0, 324.6, 0.0); ( 568125.0,
4220409.0, 29.0, 324.6, 0.0);
( 568175.0, 4220409.0, 29.9, 324.6, 0.0); ( 568225.0,
4220409.0, 30.4, 324.6, 0.0);
( 568275.0, 4220409.0, 30.7, 324.6, 0.0); ( 568325.0,
4220409.0, 31.0, 324.6, 0.0);
( 568375.0, 4220409.0, 30.9, 324.6, 0.0); ( 568425.0,
4220409.0, 31.8, 324.6, 0.0);
( 568475.0, 4220409.0, 33.2, 324.6, 0.0); ( 568525.0,
4220409.0, 34.5, 324.6, 0.0);

```

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 9

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 568125.0, 4220459.0, 28.2, 324.6, 0.0); ( 568175.0,
4220459.0, 28.8, 324.6, 0.0);
( 568225.0, 4220459.0, 29.4, 324.6, 0.0); ( 568275.0,
4220459.0, 29.8, 324.6, 0.0);
( 568325.0, 4220459.0, 30.5, 324.6, 0.0); ( 568375.0,
4220459.0, 31.4, 324.6, 0.0);
( 568425.0, 4220459.0, 32.4, 324.6, 0.0); ( 568475.0,
4220459.0, 33.6, 324.6, 0.0);
( 568525.0, 4220459.0, 35.0, 324.6, 0.0); ( 568125.0,

```







NorthgateVallego\_Gas.ADO

1.00	1.76	111.	10.0	279.2	2.0								
09	01	01	1	02	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	98.	10.0	279.2	2.0								
09	01	01	1	03	-19.9	0.345	-9.000	-9.000	-999.	485.	187.0	0.03	0.63
1.00	5.36	94.	10.0	278.1	2.0								
09	01	01	1	04	-15.8	0.273	-9.000	-9.000	-999.	345.	117.7	0.03	0.63
1.00	4.36	93.	10.0	278.1	2.0								
09	01	01	1	05	-13.7	0.237	-9.000	-9.000	-999.	277.	88.3	0.03	0.63
1.00	3.86	93.	10.0	278.1	2.0								
09	01	01	1	06	-2.8	0.059	-9.000	-9.000	-999.	87.	6.8	0.03	0.63
1.00	1.76	92.	10.0	278.8	2.0								
09	01	01	1	07	-9.1	0.158	-9.000	-9.000	-999.	151.	39.6	0.03	0.63
1.00	2.86	105.	10.0	278.8	2.0								
09	01	01	1	08	-13.6	0.237	-9.000	-9.000	-999.	276.	88.5	0.03	0.63
1.00	3.86	93.	10.0	278.8	2.0								
09	01	01	1	09	-9.4	0.318	-9.000	-9.000	-999.	430.	311.3	0.03	0.63
0.41	4.86	97.	10.0	278.8	2.0								
09	01	01	1	10	4.8	0.296	0.220	0.016	81.	388.	-497.3	0.03	0.63
0.28	4.36	101.	10.0	279.2	2.0								
09	01	01	1	11	11.8	0.301	0.366	0.016	151.	396.	-210.6	0.03	0.63
0.23	4.36	94.	10.0	279.2	2.0								
09	01	01	1	12	15.7	0.335	0.450	0.016	210.	465.	-217.6	0.03	0.63
0.22	4.86	86.	10.0	279.2	2.0								
09	01	01	1	13	16.4	0.291	0.488	0.016	257.	377.	-136.4	0.02	0.63
0.22	4.36	123.	10.0	279.2	2.0								
09	01	01	1	14	13.8	0.334	0.480	0.016	291.	463.	-245.4	0.03	0.63
0.22	4.86	109.	10.0	279.2	2.0								
09	01	01	1	15	8.1	0.202	0.411	0.015	310.	229.	-92.5	0.03	0.63
0.26	2.86	102.	10.0	279.9	2.0								
09	01	01	1	16	-0.4	0.191	-9.000	-9.000	-999.	200.	1603.3	0.03	0.63
0.34	2.86	104.	10.0	279.9	2.0								
09	01	01	1	17	-6.1	0.117	-9.000	-9.000	-999.	97.	23.6	0.03	0.63
0.58	2.36	111.	10.0	279.2	2.0								
09	01	01	1	18	-11.4	0.199	-9.000	-9.000	-999.	213.	62.4	0.03	0.63
1.00	3.36	97.	10.0	278.8	2.0								
09	01	01	1	19	-9.1	0.158	-9.000	-9.000	-999.	152.	39.6	0.03	0.63
1.00	2.86	94.	10.0	278.8	2.0								
09	01	01	1	20	-9.1	0.158	-9.000	-9.000	-999.	151.	39.6	0.03	0.63
1.00	2.86	87.	10.0	278.8	2.0								
09	01	01	1	21	-2.7	0.059	-9.000	-9.000	-999.	41.	6.8	0.03	0.63
1.00	1.76	90.	10.0	279.2	2.0								
09	01	01	1	22	-6.3	0.110	-9.000	-9.000	-999.	88.	19.2	0.03	0.63
1.00	2.36	72.	10.0	279.2	2.0								
09	01	01	1	23	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	100.	10.0	279.2	2.0								
09	01	01	1	24	-11.4	0.199	-9.000	-9.000	-999.	213.	62.6	0.03	0.63
1.00	3.36	90.	10.0	279.2	2.0								

NorthgateVallejo\_Gas.ADO

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB\_TMP sigmaA sigmaW sigmaV  
 09 01 01 01 10.0 1 111. 1.76 279.3 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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 12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 09:07:01

PAGE 12

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567539.85	4220159.17	0.01160	567589.85
4220159.17	0.01443		
567639.85	4220159.17	0.01834	567539.85
4220209.17	0.01648		
567589.85	4220209.17	0.02308	567639.85
4220209.17	0.03215		
567539.85	4220259.17	0.01917	567589.85
4220259.17	0.02653		
567639.85	4220259.17	0.03638	567689.85
4220259.17	0.05559		
567539.85	4220309.17	0.01735	567589.85
4220309.17	0.02265		
567639.85	4220309.17	0.03033	567689.85
4220309.17	0.04057		
567539.85	4220359.17	0.01451	567589.85
4220359.17	0.01861		
567639.85	4220359.17	0.02422	567689.85
4220359.17	0.02889		
567739.85	4220359.17	0.03894	567539.85

NorthgateVallego\_Gas.ADO

4220409.17	0.01256			
567589.85	4220409.17	0.01568		567639.85
4220409.17	0.01887			
567689.85	4220409.17	0.02057		567739.85
4220409.17	0.02628			
567539.85	4220459.17	0.01017		567589.85
4220459.17	0.01286			
567639.85	4220459.17	0.01475		567689.85
4220459.17	0.01525			
567739.85	4220459.17	0.01972		567539.85
4220509.17	0.00696			
567589.85	4220509.17	0.00965		567639.85
4220509.17	0.01164			
567689.85	4220509.17	0.01207		567739.85
4220509.17	0.01540			
567539.85	4220559.17	0.00726		567589.85
4220559.17	0.00859			
567639.85	4220559.17	0.00918		567689.85
4220559.17	0.00994			
567739.85	4220559.17	0.01249		567789.85
4220559.17	0.01605			
567539.85	4220609.17	0.00667		567589.85
4220609.17	0.00696			
567639.85	4220609.17	0.00744		567689.85
4220609.17	0.00848			
567739.85	4220609.17	0.01041		567789.85
4220609.17	0.01304			
567340.05	4219808.62	0.00136		567340.05
4219858.62	0.00116			
567390.05	4219858.62	0.00122		567340.05
4219908.62	0.00102			
567390.05	4219908.62	0.00099		567440.05
4219908.62	0.00129			
567490.05	4219908.62	0.00262		567340.05
4219958.62	0.00111			
567390.05	4219958.62	0.00107		567440.05
4219958.62	0.00125			
567490.05	4219958.62	0.00255		567340.05
4220008.62	0.00135			
567390.05	4220008.62	0.00142		567440.05
4220008.62	0.00154			
567490.05	4220008.62	0.00216		567540.05
4220008.62	0.00436			
567340.05	4220058.62	0.00160		567390.05
4220058.62	0.00184			
567440.05	4220058.62	0.00238		567490.05
4220058.62	0.00382			
567540.05	4220058.62	0.00529		567340.05

NorthgateVallejo\_Gas.ADO

4220108.62	0.00207			
	567390.05	4220108.62	0.00242	567440.05
4220108.62	0.00390			
	567490.05	4220108.62	0.00644	567540.05
4220108.62	0.00749			
	567340.05	4220158.62	0.00306	567390.05
4220158.62	0.00390			
	567440.05	4220158.62	0.00637	567490.05
4220158.62	0.00950			
	567540.05	4220158.62	0.01156	567340.05
4220208.62	0.00449			
	567390.05	4220208.62	0.00713	567440.05
4220208.62	0.00980			

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 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
 12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 09:07:01

PAGE 13

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567490.05	4220208.62	0.01268	567540.05
4220208.62	0.01644		
567340.05	4220258.62	0.00664	567390.05
4220258.62	0.00934		
567440.05	4220258.62	0.01192	567490.05
4220258.62	0.01488		
567540.05	4220258.62	0.01919	567340.05
4220308.62	0.00740		
567390.05	4220308.62	0.00915	567440.05
4220308.62	0.01124		
567490.05	4220308.62	0.01383	567540.05
4220308.62	0.01740		

NorthgateVallego\_Gas.ADO

567340.05	4220358.62	0.00663	567390.05
4220358.62	0.00806		
567440.05	4220358.62	0.00956	567490.05
4220358.62	0.01177		
567540.05	4220358.62	0.01455	567340.05
4220408.62	0.00558		
567390.05	4220408.62	0.00641	567440.05
4220408.62	0.00753		
567490.05	4220408.62	0.00984	567540.05
4220408.62	0.01259		
567340.05	4220458.62	0.00451	567390.05
4220458.62	0.00559		
567440.05	4220458.62	0.00706	567490.05
4220458.62	0.00851		
567540.05	4220458.62	0.01021	567340.05
4220508.62	0.00382		
567390.05	4220508.62	0.00538	567440.05
4220508.62	0.00648		
567490.05	4220508.62	0.00636	567540.05
4220508.62	0.00697		
567340.05	4220558.62	0.00366	567390.05
4220558.62	0.00521		
567440.05	4220558.62	0.00564	567490.05
4220558.62	0.00561		
567540.05	4220558.62	0.00726	567340.05
4220608.62	0.00419		
567390.05	4220608.62	0.00509	567440.05
4220608.62	0.00551		
567490.05	4220608.62	0.00587	567540.05
4220608.62	0.00669		
567324.60	4219559.23	0.00168	567374.60
4219559.23	0.00202		
567424.60	4219559.23	0.00245	567324.60
4219609.23	0.00163		
567374.60	4219609.23	0.00201	567424.60
4219609.23	0.00246		
567324.60	4219659.23	0.00161	567374.60
4219659.23	0.00200		
567424.60	4219659.23	0.00246	567324.60
4219709.23	0.00156		
567374.60	4219709.23	0.00191	567424.60
4219709.23	0.00235		
567324.60	4219759.23	0.00146	567374.60
4219759.23	0.00178		
567324.60	4219809.23	0.00130	567374.60
4219809.23	0.00153		
567524.55	4219558.98	0.00352	567574.55
4219558.98	0.00422		

NorthgateVallejo\_Gas.ADO

567624.55	4219558.98	0.00461	567674.55
4219558.98	0.00422		
567724.55	4219558.98	0.00353	567774.55
4219558.98	0.00363		
567824.55	4219558.98	0.00421	567874.55
4219558.98	0.00309		
567924.55	4219558.98	0.00242	567524.55
4219608.98	0.00339		
567574.55	4219608.98	0.00373	567624.55
4219608.98	0.00396		
567674.55	4219608.98	0.00369	567724.55
4219608.98	0.00413		
567774.55	4219608.98	0.00565	567824.55
4219608.98	0.00634		
567874.55	4219608.98	0.00490	567924.55
4219608.98	0.00350		
567524.55	4219658.98	0.00343	567574.55
4219658.98	0.00378		
567624.55	4219658.98	0.00397	567674.55
4219658.98	0.00397		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 09:07:01

PAGE 14

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
567724.55	4219658.98	0.00543	567774.55
4219658.98	0.00752		
567824.55	4219658.98	0.00793	567874.55
4219658.98	0.00701		
567924.55	4219658.98	0.00586	567624.55

NorthgateVallego\_Gas.ADO

4219708.98	0.00564			
	567674.55	4219708.98	0.00615	567724.55
4219708.98	0.00756			
	567774.55	4219708.98	0.00944	567824.55
4219708.98	0.00932			
	567874.55	4219708.98	0.00839	567924.55
4219708.98	0.00718			
	567674.55	4219758.98	0.00895	567724.55
4219758.98	0.01065			
	567774.55	4219758.98	0.01147	567824.55
4219758.98	0.01111			
	567874.55	4219758.98	0.00988	567924.55
4219758.98	0.00828			
	567924.57	4219558.79	0.00242	567974.57
4219558.79	0.00225			
	568024.57	4219558.79	0.00246	568074.57
4219558.79	0.00268			
	567924.57	4219608.79	0.00350	567974.57
4219608.79	0.00310			
	568024.57	4219608.79	0.00319	568074.57
4219608.79	0.00318			
	567924.57	4219658.79	0.00586	567974.57
4219658.79	0.00494			
	568024.57	4219658.79	0.00428	568074.57
4219658.79	0.00378			
	567924.57	4219708.79	0.00718	567974.57
4219708.79	0.00597			
	568024.57	4219708.79	0.00489	568074.57
4219708.79	0.00415			
	568124.57	4219708.79	0.00353	567924.57
4219758.79	0.00828			
	567974.57	4219758.79	0.00667	568024.57
4219758.79	0.00539			
	568074.57	4219758.79	0.00464	568124.57
4219758.79	0.00375			
	567924.57	4219808.79	0.00953	567974.57
4219808.79	0.00748			
	568024.57	4219808.79	0.00614	568074.57
4219808.79	0.00505			
	568124.57	4219808.79	0.00426	567924.57
4219858.79	0.01105			
	567974.57	4219858.79	0.00850	568024.57
4219858.79	0.00708			
	568074.57	4219858.79	0.00580	568124.57
4219858.79	0.00503			
	567924.57	4219908.79	0.01319	567974.57
4219908.79	0.01007			
	568024.57	4219908.79	0.00846	568074.57



NorthgateVallejo\_Gas.ADO

4219908.79	0.00708			
	568124.57	4219908.79	0.00589	567924.57
4219958.79	0.01634			
	567974.57	4219958.79	0.01221	568024.57
4219958.79	0.00978			
	568074.57	4219958.79	0.00845	568124.57
4219958.79	0.00701			
	567924.57	4220008.79	0.02065	567974.57
4220008.79	0.01554			
	568024.57	4220008.79	0.01204	568074.57
4220008.79	0.00985			
	568124.57	4220008.79	0.00855	567924.57
4220058.79	0.02734			
	567974.57	4220058.79	0.01973	568024.57
4220058.79	0.01538			
	568074.57	4220058.79	0.01229	568124.57
4220058.79	0.01097			
	567924.57	4220108.79	0.04134	567974.57
4220108.79	0.02890			
	568024.57	4220108.79	0.02267	568074.57
4220108.79	0.01867			
	568124.57	4220108.79	0.01607	567924.57
4220158.79	0.07786			
	567974.57	4220158.79	0.05357	568024.57
4220158.79	0.03940			
	568074.57	4220158.79	0.03004	568124.57
4220158.79	0.02353			

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 15

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		

NorthgateVallego\_Gas.ADO

568124.99	4219708.95	0.00352	568174.99
4219708.95	0.00313		
568224.99	4219708.95	0.00269	568274.99
4219708.95	0.00229		
568124.99	4219758.95	0.00375	568174.99
4219758.95	0.00317		
568224.99	4219758.95	0.00256	568274.99
4219758.95	0.00217		
568124.99	4219808.95	0.00425	568174.99
4219808.95	0.00351		
568224.99	4219808.95	0.00283	568274.99
4219808.95	0.00240		
568124.99	4219858.95	0.00503	568174.99
4219858.95	0.00419		
568224.99	4219858.95	0.00352	568274.99
4219858.95	0.00289		
568324.99	4219858.95	0.00262	568374.99
4219858.95	0.00264		
568424.99	4219858.95	0.00246	568474.99
4219858.95	0.00227		
568524.99	4219858.95	0.00270	568124.99
4219908.95	0.00588		
568174.99	4219908.95	0.00488	568224.99
4219908.95	0.00407		
568274.99	4219908.95	0.00342	568324.99
4219908.95	0.00300		
568374.99	4219908.95	0.00308	568424.99
4219908.95	0.00308		
568474.99	4219908.95	0.00323	568524.99
4219908.95	0.00327		
568124.99	4219958.95	0.00700	568174.99
4219958.95	0.00630		
568224.99	4219958.95	0.00540	568274.99
4219958.95	0.00451		
568324.99	4219958.95	0.00388	568374.99
4219958.95	0.00383		
568424.99	4219958.95	0.00417	568474.99
4219958.95	0.00413		
568524.99	4219958.95	0.00361	568124.99
4220008.95	0.00855		
568174.99	4220008.95	0.00791	568224.99
4220008.95	0.00710		
568274.99	4220008.95	0.00623	568324.99
4220008.95	0.00546		
568374.99	4220008.95	0.00512	568424.99
4220008.95	0.00533		

NorthgateVallejo\_Gas.ADO

568474.99	4220008.95	0.00448	568524.99
4220008.95	0.00351		
568124.99	4220058.95	0.01097	568174.99
4220058.95	0.01027		
568224.99	4220058.95	0.00916	568274.99
4220058.95	0.00798		
568324.99	4220058.95	0.00728	568374.99
4220058.95	0.00691		
568424.99	4220058.95	0.00574	568474.99
4220058.95	0.00453		
568524.99	4220058.95	0.00385	568124.99
4220108.95	0.01607		
568174.99	4220108.95	0.01446	568224.99
4220108.95	0.01175		
568274.99	4220108.95	0.01023	568324.99
4220108.95	0.00933		
568374.99	4220108.95	0.00769	568424.99
4220108.95	0.00606		
568474.99	4220108.95	0.00507	568524.99
4220108.95	0.00477		
568124.99	4220158.95	0.02351	568174.99
4220158.95	0.01834		
568224.99	4220158.95	0.01511	568274.99
4220158.95	0.01308		
568324.99	4220158.95	0.01114	568374.99
4220158.95	0.00905		
568424.99	4220158.95	0.00777	568474.99
4220158.95	0.00681		
568524.99	4220158.95	0.00596	568124.99
4220208.95	0.03040		
568174.99	4220208.95	0.02304	568224.99
4220208.95	0.01873		
568274.99	4220208.95	0.01546	568324.99
4220208.95	0.01284		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 16

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5  
YEARS FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

NorthgateVallego\_Gas.ADO

\*\*\*

		** CONC OF TOG	IN MICROGRAMS/M**3
**			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
568374.99	4220208.95	0.01086	568424.99
4220208.95	0.00939		
568474.99	4220208.95	0.00785	568524.99
4220208.95	0.00688		
568124.99	4220258.95	0.03440	568174.99
4220258.95	0.02620		
568224.99	4220258.95	0.02067	568274.99
4220258.95	0.01693		
568324.99	4220258.95	0.01400	568374.99
4220258.95	0.01183		
568424.99	4220258.95	0.01021	568474.99
4220258.95	0.00898		
568524.99	4220258.95	0.00790	568124.99
4220308.95	0.03259		
568174.99	4220308.95	0.02566	568224.99
4220308.95	0.02073		
568274.99	4220308.95	0.01714	568324.99
4220308.95	0.01422		
568374.99	4220308.95	0.01233	568424.99
4220308.95	0.01051		
568474.99	4220308.95	0.00920	568524.99
4220308.95	0.00811		
568124.99	4220358.95	0.02857	568174.99
4220358.95	0.02326		
568224.99	4220358.95	0.01931	568274.99
4220358.95	0.01631		
568324.99	4220358.95	0.01379	568374.99
4220358.95	0.01191		
568424.99	4220358.95	0.01039	568474.99
4220358.95	0.00913		
568524.99	4220358.95	0.00808	568124.99
4220408.95	0.02424		
568174.99	4220408.95	0.02032	568224.99
4220408.95	0.01720		
568274.99	4220408.95	0.01475	568324.99
4220408.95	0.01278		
568374.99	4220408.95	0.01117	568424.99
4220408.95	0.00987		
568474.99	4220408.95	0.00878	568524.99

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4220408.95	0.00783			
	568124.99	4220458.95	0.02046	568174.99
4220458.95	0.01741			
	568224.99	4220458.95	0.01505	568274.99
4220458.95	0.01312			
	568324.99	4220458.95	0.01157	568374.99
4220458.95	0.01028			
	568424.99	4220458.95	0.00919	568474.99
4220458.95	0.00824			
	568524.99	4220458.95	0.00741	568124.99
4220508.95	0.01752			
	568174.99	4220508.95	0.01510	568224.99
4220508.95	0.01327			
	568274.99	4220508.95	0.01171	568324.99
4220508.95	0.01044			
	568374.99	4220508.95	0.00936	568424.99
4220508.95	0.00844			
	568474.99	4220508.95	0.00762	568524.99
4220508.95	0.00692			
	568124.99	4220558.95	0.01540	568174.99
4220558.95	0.01332			
	568224.99	4220558.95	0.01174	568274.99
4220558.95	0.01043			
	568324.99	4220558.95	0.00938	568374.99
4220558.95	0.00848			
	568424.99	4220558.95	0.00769	568474.99
4220558.95	0.00699			
	568524.99	4220558.95	0.00640	568124.99
4220608.95	0.01356			
	568174.99	4220608.95	0.01180	568224.99
4220608.95	0.01043			
	568274.99	4220608.95	0.00931	568324.99
4220608.95	0.00843			
	568374.99	4220608.95	0.00766	

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 C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H  
 12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 09:07:01

PAGE 17

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): GS\_TANK ,

NorthgateVallego\_Gas.ADO

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

		** CONC OF TOG		IN MICROGRAMS/M**3	
		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
567539.85	4220159.17	0.99536	(11010721)	567589.85	4220159.17
4220159.17	1.24107	(09120324)			
567639.85	4220159.17	1.62210	(11122708)	567539.85	4220209.17
4220209.17	1.12694	(11020623)			
567589.85	4220209.17	1.28445	(10013119)	567639.85	4220209.17
4220209.17	1.67470	(11011605)			
567539.85	4220259.17	1.01740	(10020908)	567589.85	4220259.17
4220259.17	1.29785	(10120422)			
567639.85	4220259.17	1.65067	(10120420)	567689.85	4220259.17
4220259.17	2.20306	(12012319)			
567539.85	4220309.17	0.98543	(12120323)	567589.85	4220309.17
4220309.17	1.21711	(09010418)			
567639.85	4220309.17	1.53032	(13122119)	567689.85	4220309.17
4220309.17	1.98852	(12120404)			
567539.85	4220359.17	0.91271	(10013123)	567589.85	4220359.17
4220359.17	1.14977	(12022808)			
567639.85	4220359.17	1.44078	(12120505)	567689.85	4220359.17
4220359.17	1.62523	(11020101)			
567739.85	4220359.17	2.13540	(10010107)	567539.85	4220409.17
4220409.17	0.86191	(12120505)			
567589.85	4220409.17	1.02519	(09010205)	567639.85	4220409.17
4220409.17	1.21069	(10021224)			
567689.85	4220409.17	1.32099	(13012406)	567739.85	4220409.17
4220409.17	1.56046	(10012723)			
567539.85	4220459.17	0.90112	(12120521)	567589.85	4220459.17
4220459.17	0.90883	(10021224)			
567639.85	4220459.17	1.04700	(11122818)	567689.85	4220459.17
4220459.17	1.09592	(10020219)			
567739.85	4220459.17	1.27296	(11011722)	567539.85	4220509.17
4220509.17	0.74153	(11012319)			
567589.85	4220509.17	0.90418	(13020307)	567639.85	4220509.17
4220509.17	0.89958	(11020106)			
567689.85	4220509.17	0.87008	(10012723)	567739.85	4220509.17
4220509.17	1.02624	(10011708)			
567539.85	4220559.17	0.73997	(09022720)	567589.85	4220559.17
4220559.17	0.70984	(09123123)			
567639.85	4220559.17	0.74947	(10122624)	567689.85	4220559.17
4220559.17	0.77502	(10012723)			

NorthgateVallejo\_Gas.ADO

567739.85	4220559.17	0.85094	(11022501)	567789.85
4220559.17	0.88716	(10011308)		
567539.85	4220609.17	0.56816	(13012406)	567589.85
4220609.17	0.61758	(10020219)		
567639.85	4220609.17	0.60053	(10012723)	567689.85
4220609.17	0.68021	(12012524)		
567739.85	4220609.17	0.70760	(10022423)	567789.85
4220609.17	0.74582	(10011308)		
567340.05	4219808.62	0.43796	(13122720)	567340.05
4219858.62	0.43398	(10011002)		
567390.05	4219858.62	0.42605	(13122720)	567340.05
4219908.62	0.39840	(09122803)		
567390.05	4219908.62	0.39355	(10121002)	567440.05
4219908.62	0.44870	(13122121)		
567490.05	4219908.62	0.64595	(13012302)	567340.05
4219958.62	0.38647	(12020522)		
567390.05	4219958.62	0.40241	(10121306)	567440.05
4219958.62	0.45776	(10020108)		
567490.05	4219958.62	0.70328	(10020824)	567340.05
4220008.62	0.38917	(10011121)		
567390.05	4220008.62	0.42413	(10120124)	567440.05
4220008.62	0.48225	(10021204)		
567490.05	4220008.62	0.64652	(09122803)	567540.05
4220008.62	0.75454	(10121002)		
567340.05	4220058.62	0.40206	(11122708)	567390.05
4220058.62	0.44442	(10012808)		
567440.05	4220058.62	0.55788	(10010206)	567490.05
4220058.62	0.82816	(10120124)		
567540.05	4220058.62	0.86830	(10021204)	567340.05
4220108.62	0.41053	(09020407)		
567390.05	4220108.62	0.46400	(12020819)	567440.05
4220108.62	0.69221	(09011605)		
567490.05	4220108.62	0.78147	(11122708)	567540.05
4220108.62	0.95443	(09020508)		
567340.05	4220158.62	0.41729	(09011520)	567390.05
4220158.62	0.51215	(09011520)		
567440.05	4220158.62	0.75734	(12011501)	567490.05
4220158.62	0.81114	(11010721)		
567540.05	4220158.62	0.99474	(11010721)	567340.05
4220208.62	0.45494	(11120406)		
567390.05	4220208.62	0.66242	(11120406)	567440.05
4220208.62	0.80755	(11020623)		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

NorthgateVallego\_Gas.ADO

PAGE 18

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567490.05	4220208.62	0.94536	(11020623)	567540.05
4220208.62	1.12730	(11020623)		
567340.05	4220258.62	0.59211	(09121522)	567390.05
4220258.62	0.70943	(10021124)		
567440.05	4220258.62	0.70310	(10021124)	567490.05
4220258.62	0.82634	(10020908)		
567540.05	4220258.62	1.01795	(10020908)	567340.05
4220308.62	0.61976	(10120420)		
567390.05	4220308.62	0.68563	(10120420)	567440.05
4220308.62	0.69221	(10020504)		
567490.05	4220308.62	0.80540	(12012319)	567540.05
4220308.62	0.98611	(09010606)		
567340.05	4220358.62	0.60055	(11011419)	567390.05
4220358.62	0.66752	(12120323)		
567440.05	4220358.62	0.74062	(09010418)	567490.05
4220358.62	0.77717	(09012306)		
567540.05	4220358.62	0.91281	(10013123)	567340.05
4220408.62	0.58002	(09012306)		
567390.05	4220408.62	0.64046	(12120720)	567440.05
4220408.62	0.72662	(09011419)		
567490.05	4220408.62	0.81549	(13021419)	567540.05
4220408.62	0.86177	(12120505)		
567340.05	4220458.62	0.52799	(09011419)	567390.05
4220458.62	0.60194	(13010721)		
567440.05	4220458.62	0.71182	(12120404)	567490.05
4220458.62	0.80519	(12120505)		
567540.05	4220458.62	0.90221	(12120521)	567340.05
4220508.62	0.48612	(11021019)		
567390.05	4220508.62	0.59633	(12012919)	567440.05
4220508.62	0.66628	(12010518)		
567490.05	4220508.62	0.67596	(12120521)	567540.05



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4220508.62	0.74241	(11012319)		
567340.05	4220558.62	0.47221	(12120505)	567390.05
4220558.62	0.56019	(09122308)		
567440.05	4220558.62	0.60683	(11122901)	567490.05
4220558.62	0.63731	(11012319)		
567540.05	4220558.62	0.74111	(09022720)	567340.05
4220608.62	0.47972	(12120521)		
567390.05	4220608.62	0.51471	(11122901)	567440.05
4220608.62	0.56853	(10021224)		
567490.05	4220608.62	0.61122	(09022720)	567540.05
4220608.62	0.56920	(13012406)		
567324.60	4219559.23	0.24643	(09011321)	567374.60
4219559.23	0.26209	(11121807)		
567424.60	4219559.23	0.27685	(11122903)	567324.60
4219609.23	0.30884	(10021308)		
567374.60	4219609.23	0.27752	(11022803)	567424.60
4219609.23	0.28941	(12021624)		
567324.60	4219659.23	0.34315	(09020622)	567374.60
4219659.23	0.29960	(10021308)		
567424.60	4219659.23	0.31686	(11121807)	567324.60
4219709.23	0.37137	(10010704)		
567374.60	4219709.23	0.38927	(09020622)	567424.60
4219709.23	0.40675	(09011321)		
567324.60	4219759.23	0.40594	(13012302)	567374.60
4219759.23	0.43465	(13021522)		
567324.60	4219809.23	0.43009	(13122121)	567374.60
4219809.23	0.45442	(13010320)		
567524.55	4219558.98	0.36832	(10021707)	567574.55
4219558.98	0.39166	(10020905)		
567624.55	4219558.98	0.40217	(10012321)	567674.55
4219558.98	0.36191	(13022708)		
567724.55	4219558.98	0.30625	(13010304)	567774.55
4219558.98	0.31684	(12020121)		
567824.55	4219558.98	0.38928	(09020222)	567874.55
4219558.98	0.33618	(10121307)		
567924.55	4219558.98	0.31358	(13020122)	567524.55
4219608.98	0.41097	(09123021)		
567574.55	4219608.98	0.41393	(10021723)	567624.55
4219608.98	0.39056	(11012120)		
567674.55	4219608.98	0.33206	(10012906)	567724.55
4219608.98	0.36024	(13010304)		
567774.55	4219608.98	0.43562	(12020121)	567824.55
4219608.98	0.49139	(09020222)		
567874.55	4219608.98	0.47556	(10121307)	567924.55
4219608.98	0.41134	(13022308)		
567524.55	4219658.98	0.44684	(09020619)	567574.55
4219658.98	0.44313	(11012908)		
567624.55	4219658.98	0.40701	(12022206)	567674.55

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4219658.98 0.35727 (12120620)

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 09:07:01

PAGE 19

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*

INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567724.55	4219658.98	0.44758	(13010304)	567774.55
4219658.98	0.51618	(10021404)		
567824.55	4219658.98	0.51376	(09020222)	567874.55
4219658.98	0.53400	(10121307)		
567924.55	4219658.98	0.53415	(10010124)	567624.55
4219708.98	0.53105	(10120222)		
567674.55	4219708.98	0.51176	(10012321)	567724.55
4219708.98	0.53660	(09010202)		
567774.55	4219708.98	0.57559	(10021404)	567824.55
4219708.98	0.50055	(09020222)		
567874.55	4219708.98	0.51711	(10121307)	567924.55
4219708.98	0.51128	(10010124)		
567674.55	4219758.98	0.51074	(10021008)	567724.55
4219758.98	0.53112	(13022708)		
567774.55	4219758.98	0.55211	(09123006)	567824.55
4219758.98	0.57500	(09020222)		
567874.55	4219758.98	0.58693	(10121307)	567924.55
4219758.98	0.57922	(09121708)		
567924.57	4219558.79	0.31343	(13020122)	567974.57
4219558.79	0.31645	(10012905)		
568024.57	4219558.79	0.37141	(09012022)	568074.57
4219558.79	0.41433	(12020222)		
567924.57	4219608.79	0.41059	(13022308)	567974.57
4219608.79	0.41085	(12121607)		

NorthgateVallego\_Gas.ADO

568024.57	4219608.79	0.45544	(10121107)	568074.57
4219608.79	0.44983	(11011324)		
567924.57	4219658.79	0.53415	(10010124)	567974.57
4219658.79	0.52565	(09123007)		
568024.57	4219658.79	0.47861	(13121623)	568074.57
4219658.79	0.40972	(12013106)		
567924.57	4219708.79	0.51103	(10010124)	567974.57
4219708.79	0.48899	(09022824)		
568024.57	4219708.79	0.46859	(12021202)	568074.57
4219708.79	0.44811	(12010303)		
568124.57	4219708.79	0.49098	(09122024)	567924.57
4219758.79	0.57892	(09121708)		
567974.57	4219758.79	0.56251	(10121107)	568024.57
4219758.79	0.53105	(11011324)		
568074.57	4219758.79	0.50819	(10121104)	568124.57
4219758.79	0.56450	(10022503)		
567924.57	4219808.79	0.66111	(12121607)	567974.57
4219808.79	0.62273	(12120803)		
568024.57	4219808.79	0.59593	(12010303)	568074.57
4219808.79	0.64258	(09122024)		
568124.57	4219808.79	0.62918	(13010302)	567924.57
4219858.79	0.76957	(09123007)		
567974.57	4219858.79	0.73050	(11011324)	568024.57
4219858.79	0.69931	(10121104)		
568074.57	4219858.79	0.75641	(13010302)	568124.57
4219858.79	0.66805	(13010423)		
567924.57	4219908.79	0.92340	(10121107)	567974.57
4219908.79	0.85471	(12013106)		
568024.57	4219908.79	0.79282	(12010308)	568074.57
4219908.79	0.81416	(13010423)		
568124.57	4219908.79	0.74346	(10020624)	567924.57
4219958.79	1.11879	(12120803)		
567974.57	4219958.79	1.04605	(10121104)	568024.57
4219958.79	1.04292	(11011318)		
568074.57	4219958.79	0.93315	(12020719)	568124.57
4219958.79	0.80783	(10010524)		
567924.57	4220008.79	1.43599	(12013106)	567974.57
4220008.79	1.25111	(13010302)		
568024.57	4220008.79	1.19591	(12020719)	568074.57
4220008.79	1.00611	(10010524)		
568124.57	4220008.79	0.87554	(13012401)	567924.57
4220058.79	1.83516	(09122024)		
567974.57	4220058.79	1.64220	(10121106)	568024.57
4220058.79	1.32596	(09120208)		
568074.57	4220058.79	1.09037	(10121105)	568124.57
4220058.79	0.96114	(10020706)		
567924.57	4220108.79	2.39837	(10121106)	567974.57
4220108.79	1.93299	(13012402)		

NorthgateVallejo\_Gas.ADO

568024.57	4220108.79	1.52795	(10011624)	568074.57
4220108.79	1.13774	(12122319)		
568124.57	4220108.79	0.94274	(13020503)	567924.57
4220158.79	3.12752	(10121105)		
567974.57	4220158.79	1.92642	(12122319)	568024.57
4220158.79	1.43172	(10012921)		
568074.57	4220158.79	1.09115	(09012321)	568124.57
4220158.79	0.84346	(11020705)		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 20

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
568124.99	4219708.95	0.49197	(09122024)	568174.99
4219708.95	0.50918	(13010302)		
568224.99	4219708.95	0.44524	(09011402)	568274.99
4219708.95	0.39708	(12120301)		
568124.99	4219758.95	0.56422	(10022503)	568174.99
4219758.95	0.51191	(11011318)		
568224.99	4219758.95	0.43522	(10121106)	568274.99
4219758.95	0.37505	(10020624)		
568124.99	4219808.95	0.62741	(13010302)	568174.99
4219808.95	0.54088	(10121106)		
568224.99	4219808.95	0.45623	(10020624)	568274.99
4219808.95	0.39807	(12013105)		
568124.99	4219858.95	0.66676	(13010423)	568174.99
4219858.95	0.59802	(10020624)		
568224.99	4219858.95	0.52103	(12013105)	568274.99
4219858.95	0.43192	(13012402)		
568324.99	4219858.95	0.38741	(12013003)	568374.99

NorthgateVallego\_Gas.ADO

4219858.95	0.38535	(09022405)		
568424.99	4219858.95	0.35879	(10011624)	568474.99
4219858.95	0.33253	(10020706)		
568524.99	4219858.95	0.31885	(09011608)	568124.99
4219908.95	0.74304	(10020624)		
568174.99	4219908.95	0.64335	(12013105)	568224.99
4219908.95	0.54739	(13012402)		
568274.99	4219908.95	0.46422	(10121105)	568324.99
4219908.95	0.40719	(10011624)		
568374.99	4219908.95	0.41475	(10020706)	568424.99
4219908.95	0.36288	(09011608)		
568474.99	4219908.95	0.35780	(13011121)	568524.99
4219908.95	0.32641	(12122319)		
568124.99	4219958.95	0.80756	(10010524)	568174.99
4219958.95	0.72264	(09123124)		
568224.99	4219958.95	0.63241	(09022405)	568274.99
4219958.95	0.53139	(10020706)		
568324.99	4219958.95	0.44074	(10020706)	568374.99
4219958.95	0.41529	(13011121)		
568424.99	4219958.95	0.40000	(12122319)	568474.99
4219958.95	0.33963	(13020503)		
568524.99	4219958.95	0.33897	(09010920)	568124.99
4220008.95	0.87531	(13012401)		
568174.99	4220008.95	0.79500	(10011624)	568224.99
4220008.95	0.68973	(10020706)		
568274.99	4220008.95	0.55866	(13011121)	568324.99
4220008.95	0.49758	(09120301)		
568374.99	4220008.95	0.45916	(13020503)	568424.99
4220008.95	0.33113	(10012921)		
568474.99	4220008.95	0.38111	(10012921)	568524.99
4220008.95	0.34262	(09012321)		
568124.99	4220058.95	0.95991	(10020706)	568174.99
4220058.95	0.75881	(12122319)		
568224.99	4220058.95	0.65651	(09120301)	568274.99
4220058.95	0.57869	(09010920)		
568324.99	4220058.95	0.51576	(10012921)	568374.99
4220058.95	0.38600	(09012321)		
568424.99	4220058.95	0.42489	(13022221)	568474.99
4220058.95	0.37495	(09011104)		
568524.99	4220058.95	0.32854	(09011104)	568124.99
4220108.95	0.94093	(13020503)		
568174.99	4220108.95	0.69291	(10012921)	568224.99
4220108.95	0.68593	(09012321)		
568274.99	4220108.95	0.57516	(13022221)	568324.99
4220108.95	0.42280	(09011104)		
568374.99	4220108.95	0.46894	(11020705)	568424.99
4220108.95	0.42897	(11020705)		
568474.99	4220108.95	0.36841	(11020705)	568524.99

NorthgateVallejo\_Gas.ADO

4220108.95	0.33605	(11121017)		
568124.99	4220158.95	0.84281	(11020705)	568174.99
4220158.95	0.80532	(11020705)		
568224.99	4220158.95	0.68222	(11121017)	568274.99
4220158.95	0.51318	(11121017)		
568324.99	4220158.95	0.44608	(11121017)	568374.99
4220158.95	0.49133	(12022406)		
568424.99	4220158.95	0.44112	(12022406)	568474.99
4220158.95	0.39800	(13010220)		
568524.99	4220158.95	0.36754	(13010220)	568124.99
4220208.95	0.90352	(12021103)		
568174.99	4220208.95	0.82632	(12021103)	568224.99
4220208.95	0.61481	(10021507)		
568274.99	4220208.95	0.53008	(10021507)	568324.99
4220208.95	0.52853	(10021507)		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 21

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	CONC	(YYMMDDHH)			
568374.99	4220208.95	0.48014	(10021507)			568424.99
4220208.95	0.43150	(10021507)				
568474.99	4220208.95	0.40817	(10021507)			568524.99
4220208.95	0.37405	(10021507)				
568124.99	4220258.95	0.90535	(09021124)			568174.99
4220258.95	0.74062	(09021124)				
568224.99	4220258.95	0.61446	(09021124)			568274.99
4220258.95	0.52674	(10020918)				
568324.99	4220258.95	0.45916	(10020918)			568374.99
4220258.95	0.40511	(10020918)				

NorthgateVallego\_Gas.ADO

568424.99	4220258.95	0.36245	(10020918)	568474.99
4220258.95	0.37973	(10020918)		
568524.99	4220258.95	0.34501	(10020918)	568124.99
4220308.95	0.83515	(13020501)		
568174.99	4220308.95	0.71387	(13020501)	568224.99
4220308.95	0.58908	(13020501)		
568274.99	4220308.95	0.47906	(13020501)	568324.99
4220308.95	0.42223	(13121408)		
568374.99	4220308.95	0.44343	(13121408)	568424.99
4220308.95	0.35013	(12122523)		
568474.99	4220308.95	0.31859	(12122523)	568524.99
4220308.95	0.28930	(12122523)		
568124.99	4220358.95	0.78394	(10012801)	568174.99
4220358.95	0.67629	(09121402)		
568224.99	4220358.95	0.57255	(11121907)	568274.99
4220358.95	0.48723	(13020423)		
568324.99	4220358.95	0.43581	(13020501)	568374.99
4220358.95	0.39256	(13020501)		
568424.99	4220358.95	0.34596	(13020501)	568474.99
4220358.95	0.30059	(13020501)		
568524.99	4220358.95	0.25890	(13020501)	568124.99
4220408.95	0.87139	(11123001)		
568174.99	4220408.95	0.64387	(12022723)	568224.99
4220408.95	0.53188	(10121423)		
568274.99	4220408.95	0.47991	(10012801)	568324.99
4220408.95	0.42504	(09121402)		
568374.99	4220408.95	0.37157	(11121907)	568424.99
4220408.95	0.33021	(13020423)		
568474.99	4220408.95	0.29591	(13020501)	568524.99
4220408.95	0.27885	(13020501)		
568124.99	4220458.95	0.78297	(11123022)	568174.99
4220458.95	0.68398	(11123001)		
568224.99	4220458.95	0.58884	(12022723)	568274.99
4220458.95	0.45308	(12021104)		
568324.99	4220458.95	0.39547	(10121423)	568374.99
4220458.95	0.36469	(10012801)		
568424.99	4220458.95	0.33015	(09121402)	568474.99
4220458.95	0.29911	(11121907)		
568524.99	4220458.95	0.26768	(11121907)	568124.99
4220508.95	0.69704	(12012421)		
568174.99	4220508.95	0.63168	(11123022)	568224.99
4220508.95	0.55003	(13020723)		
568274.99	4220508.95	0.52082	(11123001)	568324.99
4220508.95	0.43133	(12022723)		
568374.99	4220508.95	0.34951	(12021104)	568424.99
4220508.95	0.31137	(10121423)		
568474.99	4220508.95	0.28777	(10012801)	568524.99
4220508.95	0.26468	(10012801)		

NorthgateVallejo\_Gas.ADO

568124.99	4220558.95	0.61661	(11121923)	568174.99
4220558.95	0.57824	(12012421)		
568224.99	4220558.95	0.51950	(11123022)	568274.99
4220558.95	0.46993	(13020723)		
568324.99	4220558.95	0.43780	(11123001)	568374.99
4220558.95	0.39739	(11123001)		
568424.99	4220558.95	0.32680	(12022723)	568474.99
4220558.95	0.27846	(12021104)		
568524.99	4220558.95	0.25224	(10121423)	568124.99
4220608.95	0.55635	(12022302)		
568174.99	4220608.95	0.51410	(11121923)	568224.99
4220608.95	0.48648	(12012421)		
568274.99	4220608.95	0.43245	(11021223)	568324.99
4220608.95	0.40958	(11123022)		
568374.99	4220608.95	0.36329	(13022522)	

\*\*\* AERMOD - VERSION 19191 \*\*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H 12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*

09:07:01

PAGE 22

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION INCLUDING SOURCE(S): GS\_TANK

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)		CONC	(YYMMDDHH)			
567539.85	4220159.17	0.22610c	(11010824)			567589.85
4220159.17	0.26563c	(11010824)				
567639.85	4220159.17	0.33534c	(10020124)			567539.85
4220209.17	0.31176b	(11011724)				
567589.85	4220209.17	0.39213b	(11011724)			567639.85
4220209.17	0.52726c	(11010824)				
567539.85	4220259.17	0.32727	(09010124)			567589.85
4220259.17	0.43903	(09010124)				
567639.85	4220259.17	0.55671	(09010124)			567689.85



NorthgateVallego\_Gas.ADO

4220259.17	0.74741 (09010124)	
567539.85	4220309.17	0.24748 (09010124) 567589.85
4220309.17	0.27919 (09010124)	
567639.85	4220309.17	0.28090b (11110224) 567689.85
4220309.17	0.37561c (09112324)	
567539.85	4220359.17	0.14417b (11110224) 567589.85
4220359.17	0.19168c (09112324)	
567639.85	4220359.17	0.24561c (13121924) 567689.85
4220359.17	0.28339c (13020324)	
567739.85	4220359.17	0.38321 (12122124) 567539.85
4220409.17	0.14319c (13121924)	
567589.85	4220409.17	0.16291c (13121924) 567639.85
4220409.17	0.20428c (13020324)	
567689.85	4220409.17	0.21366 (12122124) 567739.85
4220409.17	0.24678 (12122124)	
567539.85	4220459.17	0.12027b (13020924) 567589.85
4220459.17	0.14770c (13020324)	
567639.85	4220459.17	0.17234c (13020324) 567689.85
4220459.17	0.16541 (12122124)	
567739.85	4220459.17	0.20001c (10011724) 567539.85
4220509.17	0.09205c (11021724)	
567589.85	4220509.17	0.13820c (13020324) 567639.85
4220509.17	0.14741 (12122124)	
567689.85	4220509.17	0.12174 (12122124) 567739.85
4220509.17	0.16104b (13042024)	
567539.85	4220559.17	0.11091c (13020324) 567589.85
4220559.17	0.11038 (12122124)	
567639.85	4220559.17	0.11122 (12122124) 567689.85
4220559.17	0.10889c (10011724)	
567739.85	4220559.17	0.13187b (13042024) 567789.85
4220559.17	0.15503b (09020724)	
567539.85	4220609.17	0.08583 (12122124) 567589.85
4220609.17	0.08881 (12122124)	
567639.85	4220609.17	0.08043 (12122124) 567689.85
4220609.17	0.09725c (10011724)	
567739.85	4220609.17	0.10901b (13042024) 567789.85
4220609.17	0.13218b (09020724)	
567340.05	4219808.62	0.04955 (10010724) 567340.05
4219858.62	0.04128 (10010724)	
567390.05	4219858.62	0.04636 (10010724) 567340.05
4219908.62	0.03015c (10121324)	
567390.05	4219908.62	0.03380 (10010724) 567440.05
4219908.62	0.04852 (10010724)	
567490.05	4219908.62	0.07662 (10010724) 567340.05
4219958.62	0.04888c (12123124)	
567390.05	4219958.62	0.03953c (12123124) 567440.05
4219958.62	0.03573 (10010724)	
567490.05	4219958.62	0.07987 (10010724) 567340.05

NorthgateVallego\_Gas.ADO

4220008.62	0.05136c (10010224)		
567390.05	4220008.62	0.05458c (12123124)	567440.05
4220008.62	0.06191c (12123124)		
567490.05	4220008.62	0.06091c (12123124)	567540.05
4220008.62	0.09519 (10010724)		
567340.05	4220058.62	0.04522c (10020124)	567390.05
4220058.62	0.05743c (10020124)		
567440.05	4220058.62	0.07431c (10010224)	567490.05
4220058.62	0.11203c (12123124)		
567540.05	4220058.62	0.12593c (12123124)	567340.05
4220108.62	0.05206c (11010824)		
567390.05	4220108.62	0.05898m (11011224)	567440.05
4220108.62	0.08336m (11011224)		
567490.05	4220108.62	0.13136c (10020124)	567540.05
4220108.62	0.16260c (10020124)		
567340.05	4220158.62	0.06707c (11010824)	567390.05
4220158.62	0.08329c (11010824)		
567440.05	4220158.62	0.13420c (11010824)	567490.05
4220158.62	0.19020c (11010824)		
567540.05	4220158.62	0.22507c (11010824)	567340.05
4220208.62	0.10883b (11011724)		
567390.05	4220208.62	0.16201b (11011724)	567440.05
4220208.62	0.20816b (11011724)		

\*\*\* AERMOD - VERSION 19191 \*\*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 09:07:01

PAGE 23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
567490.05	4220208.62	0.25344b	(11011724)	567540.05
4220208.62	0.31084b	(11011724)		

NorthgateVallego\_Gas.ADO

567340.05	4220258.62	0.13464 (09010124)	567390.05
4220258.62	0.18201 (09010124)		
567440.05	4220258.62	0.21492 (09010124)	567490.05
4220258.62	0.26185 (09010124)		
567540.05	4220258.62	0.32776 (09010124)	567340.05
4220308.62	0.12690 (09010124)		
567390.05	4220308.62	0.15397 (09010124)	567440.05
4220308.62	0.18364 (09010124)		
567490.05	4220308.62	0.21479 (09010124)	567540.05
4220308.62	0.24895 (09010124)		
567340.05	4220358.62	0.09744 (09010124)	567390.05
4220358.62	0.11426 (09010124)		
567440.05	4220358.62	0.12789b (11110224)	567490.05
4220358.62	0.12950b (11110224)		
567540.05	4220358.62	0.14485b (11110224)	567340.05
4220408.62	0.08840b (11110224)		
567390.05	4220408.62	0.09058b (11110224)	567440.05
4220408.62	0.09288c (13032324)		
567490.05	4220408.62	0.12216c (09112324)	567540.05
4220408.62	0.14332c (13121924)		
567340.05	4220458.62	0.06541c (13032324)	567390.05
4220458.62	0.07466c (09112324)		
567440.05	4220458.62	0.10452c (09112324)	567490.05
4220458.62	0.12087c (09112324)		
567540.05	4220458.62	0.12096b (13020924)	567340.05
4220508.62	0.06176c (09112324)		
567390.05	4220508.62	0.08717c (09112324)	567440.05
4220508.62	0.09573b (13020924)		
567490.05	4220508.62	0.08082c (11112124)	567540.05
4220508.62	0.09216c (11021724)		
567340.05	4220558.62	0.06357c (09112324)	567390.05
4220558.62	0.08112b (13020924)		
567440.05	4220558.62	0.07041c (11112124)	567490.05
4220558.62	0.07783c (11021724)		
567540.05	4220558.62	0.11104c (13020324)	567340.05
4220608.62	0.06591b (13020924)		
567390.05	4220608.62	0.06187c (11021724)	567440.05
4220608.62	0.07468c (11021724)		
567490.05	4220608.62	0.09222c (13020324)	567540.05
4220608.62	0.08596 (12122124)		
567324.60	4219559.23	0.03473c (11120924)	567374.60
4219559.23	0.04140c (11120924)		
567424.60	4219559.23	0.04614m (09020624)	567324.60
4219609.23	0.03647c (09111524)		
567374.60	4219609.23	0.04130c (11120924)	567424.60
4219609.23	0.04749c (11120924)		
567324.60	4219659.23	0.04087c (09012824)	567374.60
4219659.23	0.03788c (13010924)		

NorthgateVallejo\_Gas.ADO

567424.60	4219659.23	0.04924c (11120924)	567324.60
4219709.23	0.04266c (09012824)		
567374.60	4219709.23	0.04647c (09012824)	567424.60
4219709.23	0.04938c (09111524)		
567324.60	4219759.23	0.04664 (10010724)	567374.60
4219759.23	0.04932c (09012824)		
567324.60	4219809.23	0.04768 (10010724)	567374.60
4219809.23	0.05144 (10010724)		
567524.55	4219558.98	0.05929c (10021724)	567574.55
4219558.98	0.06233c (13011524)		
567624.55	4219558.98	0.07281c (13122324)	567674.55
4219558.98	0.05547c (12111124)		
567724.55	4219558.98	0.06202c (10121524)	567774.55
4219558.98	0.06260c (10120124)		
567824.55	4219558.98	0.06928c (12011824)	567874.55
4219558.98	0.04828c (13020424)		
567924.55	4219558.98	0.04296c (11122724)	567524.55
4219608.98	0.06116c (10021724)		
567574.55	4219608.98	0.05961c (10021724)	567624.55
4219608.98	0.06635c (13122324)		
567674.55	4219608.98	0.04944c (12111124)	567724.55
4219608.98	0.06656c (13120624)		
567774.55	4219608.98	0.09082c (10120124)	567824.55
4219608.98	0.09277c (12011824)		
567874.55	4219608.98	0.07103c (13020424)	567924.55
4219608.98	0.06022c (11122724)		
567524.55	4219658.98	0.06897m (09020624)	567574.55
4219658.98	0.07116c (10021724)		
567624.55	4219658.98	0.05952c (13122324)	567674.55
4219658.98	0.05953c (13122324)		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 24

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3  
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NorthgateVallego\_Gas.ADO

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
567724.55	4219658.98	0.08069c	(13120624)	567774.55
4219658.98	0.11633c	(10120124)		
567824.55	4219658.98	0.10445b	(09022024)	567874.55
4219658.98	0.09005c	(12011824)		
567924.55	4219658.98	0.08310c	(11020524)	567624.55
4219708.98	0.08134c	(13011524)		
567674.55	4219708.98	0.09199c	(13122324)	567724.55
4219708.98	0.10502c	(13120624)		
567774.55	4219708.98	0.13901c	(10120124)	567824.55
4219708.98	0.11079b	(09022024)		
567874.55	4219708.98	0.09642c	(12011824)	567924.55
4219708.98	0.08565c	(11020524)		
567674.55	4219758.98	0.10848c	(13011524)	567724.55
4219758.98	0.12839c	(13121424)		
567774.55	4219758.98	0.14954c	(10120124)	567824.55
4219758.98	0.13103c	(13011624)		
567874.55	4219758.98	0.10942c	(12011824)	567924.55
4219758.98	0.09794c	(11020524)		
567924.57	4219558.79	0.04293c	(11122724)	567974.57
4219558.79	0.04410c	(11020524)		
568024.57	4219558.79	0.03832b	(09011424)	568074.57
4219558.79	0.05552c	(13011724)		
567924.57	4219608.79	0.06011c	(11122724)	567974.57
4219608.79	0.05155c	(11020524)		
568024.57	4219608.79	0.04733c	(13011724)	568074.57
4219608.79	0.05944c	(13011724)		
567924.57	4219658.79	0.08306c	(11020524)	567974.57
4219658.79	0.06876b	(09011424)		
568024.57	4219658.79	0.06384c	(13011724)	568074.57
4219658.79	0.05056c	(13011724)		
567924.57	4219708.79	0.08560c	(11020524)	567974.57
4219708.79	0.07216b	(09012024)		
568024.57	4219708.79	0.06481c	(13011724)	568074.57
4219708.79	0.05880c	(10121124)		
568124.57	4219708.79	0.05811c	(10121124)	567924.57
4219758.79	0.09789c	(11020524)		
567974.57	4219758.79	0.07990b	(09012024)	568024.57
4219758.79	0.06905c	(13011724)		
568074.57	4219758.79	0.06840c	(10121124)	568124.57
4219758.79	0.05824c	(11031724)		
567924.57	4219808.79	0.10918c	(11020524)	567974.57
4219808.79	0.08649c	(13011724)		
568024.57	4219808.79	0.08238c	(10121124)	568074.57

NorthgateVallejo\_Gas.ADO

4219808.79	0.07709c (10121124)	
568124.57	4219808.79	0.06652c (12121824) 567924.57
4219858.79	0.12196b (09012024)	
567974.57	4219858.79	0.10008c (13011724) 568024.57
4219858.79	0.09868c (10121124)	
568074.57	4219858.79	0.08023c (11031724) 568124.57
4219858.79	0.09935c (12121824)	
567924.57	4219908.79	0.14520b (09012024) 567974.57
4219908.79	0.12562c (10121124)	
568024.57	4219908.79	0.10934c (10121124) 568074.57
4219908.79	0.12558c (12121824)	
568124.57	4219908.79	0.11762c (10042124) 567924.57
4219958.79	0.17552b (13020824)	
567974.57	4219958.79	0.15857c (10121124) 568024.57
4219958.79	0.15231c (12121824)	
568074.57	4219958.79	0.15143c (10042124) 568124.57
4219958.79	0.12405c (10123024)	
567924.57	4220008.79	0.22886c (10121124) 567974.57
4220008.79	0.19081c (12121824)	
568024.57	4220008.79	0.20024c (12121824) 568074.57
4220008.79	0.16783c (10123024)	
568124.57	4220008.79	0.13179c (10123024) 567924.57
4220058.79	0.31553c (10121124)	
567974.57	4220058.79	0.29803c (12121824) 568024.57
4220058.79	0.24304c (10123024)	
568074.57	4220058.79	0.14922c (10123024) 568124.57
4220058.79	0.09138b (09041324)	
567924.57	4220108.79	0.50057c (12121824) 567974.57
4220108.79	0.39367c (10123024)	
568024.57	4220108.79	0.20304c (10123024) 568074.57
4220108.79	0.14233b (12090724)	
568124.57	4220108.79	0.13995b (12090724) 567924.57
4220158.79	0.72757c (10123024)	
567974.57	4220158.79	0.35975b (12090724) 568024.57
4220158.79	0.29836b (12090724)	
568074.57	4220158.79	0.23563b (12090724) 568124.57
4220158.79	0.18587b (12090724)	

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 09:07:01

PAGE 25

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

NorthgateVallego\_Gas.ADO  
 INCLUDING SOURCE(S):

GS\_TANK

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

		** CONC OF TOG		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
568124.99	4219708.95	0.05803c	(10121124)	568174.99	
4219708.95	0.05024c	(11031724)			
568224.99	4219708.95	0.05289c	(12121824)	568274.99	
4219708.95	0.05557c	(12121824)			
568124.99	4219758.95	0.05824c	(11031724)	568174.99	
4219758.95	0.05598c	(12121824)			
568224.99	4219758.95	0.06026c	(12121824)	568274.99	
4219758.95	0.05613c	(10042124)			
568124.99	4219808.95	0.06676c	(12121824)	568174.99	
4219808.95	0.07617c	(12121824)			
568224.99	4219808.95	0.06923c	(10042124)	568274.99	
4219808.95	0.04595c	(10042124)			
568124.99	4219858.95	0.09950c	(12121824)	568174.99	
4219858.95	0.09230c	(10042124)			
568224.99	4219858.95	0.06315c	(10042124)	568274.99	
4219858.95	0.05885c	(10123024)			
568324.99	4219858.95	0.04866c	(10123024)	568374.99	
4219858.95	0.03709b	(09041324)			
568424.99	4219858.95	0.03218b	(09041324)	568474.99	
4219858.95	0.02756b	(13041924)			
568524.99	4219858.95	0.02862b	(13041924)	568124.99	
4219908.95	0.11755c	(10042124)			
568174.99	4219908.95	0.08689c	(10123024)	568224.99	
4219908.95	0.07830c	(10123024)			
568274.99	4219908.95	0.05354c	(10123024)	568324.99	
4219908.95	0.03979b	(09041324)			
568374.99	4219908.95	0.03477b	(13041924)	568424.99	
4219908.95	0.03271b	(13041924)			
568474.99	4219908.95	0.03287c	(10021924)	568524.99	
4219908.95	0.03254c	(10042824)			
568124.99	4219958.95	0.12422c	(10123024)	568174.99	
4219958.95	0.11206c	(10123024)			
568224.99	4219958.95	0.06829c	(10123024)	568274.99	
4219958.95	0.04938b	(09041324)			
568324.99	4219958.95	0.03966b	(13041924)	568374.99	
4219958.95	0.03728c	(10021924)			

NorthgateVallejo\_Gas.ADO

568424.99	4219958.95	0.04117c (10042824)	568474.99
4219958.95	0.04010b (12090724)		
568524.99	4219958.95	0.03843b (12090724)	568124.99
4220008.95	0.13117c (10123024)		
568174.99	4220008.95	0.08010b (09041324)	568224.99
4220008.95	0.06294b (13041924)		
568274.99	4220008.95	0.05790c (10021924)	568324.99
4220008.95	0.05285c (10042824)		
568374.99	4220008.95	0.05251b (12090724)	568424.99
4220008.95	0.04920b (12090724)		
568474.99	4220008.95	0.04621b (12090724)	568524.99
4220008.95	0.03655b (09042924)		
568124.99	4220058.95	0.09102b (09041324)	568174.99
4220058.95	0.08772c (10021924)		
568224.99	4220058.95	0.08341b (12090724)	568274.99
4220058.95	0.07764b (12090724)		
568324.99	4220058.95	0.07092b (12090724)	568374.99
4220058.95	0.06290b (12090724)		
568424.99	4220058.95	0.05447b (12090724)	568474.99
4220058.95	0.04435c (12021824)		
568524.99	4220058.95	0.03797c (12021824)	568124.99
4220108.95	0.14006b (12090724)		
568174.99	4220108.95	0.12299b (12090724)	568224.99
4220108.95	0.10708b (12090724)		
568274.99	4220108.95	0.09180b (12090724)	568324.99
4220108.95	0.08040b (12090724)		
568374.99	4220108.95	0.06570b (12090724)	568424.99
4220108.95	0.04831c (11041624)		
568474.99	4220108.95	0.04292c (11041624)	568524.99
4220108.95	0.04138c (11041624)		
568124.99	4220158.95	0.18560b (12090724)	568174.99
4220158.95	0.14855b (12090724)		
568224.99	4220158.95	0.12080b (12090724)	568274.99
4220158.95	0.10209b (12090724)		
568324.99	4220158.95	0.08661b (12090724)	568374.99
4220158.95	0.06977b (12090724)		
568424.99	4220158.95	0.06145c (12021124)	568474.99
4220158.95	0.05658c (12021124)		
568524.99	4220158.95	0.05190c (12021124)	568124.99
4220208.95	0.19648b (12090724)		
568174.99	4220208.95	0.15849b (12090724)	568224.99
4220208.95	0.12459b (12090724)		
568274.99	4220208.95	0.10417b (12090724)	568324.99
4220208.95	0.09216b (12090724)		

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*



\*\*\* 09:07:01

PAGE 26

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): GS\_TANK ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
568374.99	4220208.95	0.07934b (12090724)	568424.99
4220208.95	0.06954b (12090724)		
568474.99	4220208.95	0.05925b (12090724)	568524.99
4220208.95	0.05251b (12090724)		
568124.99	4220258.95	0.16037b (12090724)	568174.99
4220258.95	0.13032b (12090724)		
568224.99	4220258.95	0.10817b (12090724)	568274.99
4220258.95	0.09243b (12090724)		
568324.99	4220258.95	0.07920b (12090724)	568374.99
4220258.95	0.06896b (12090724)		
568424.99	4220258.95	0.06111b (12090724)	568474.99
4220258.95	0.05917b (12090724)		
568524.99	4220258.95	0.05324b (12090724)	568124.99
4220308.95	0.15624c (10022024)		
568174.99	4220308.95	0.12448c (10022024)	568224.99
4220308.95	0.09946c (10022024)		
568274.99	4220308.95	0.08058c (10022024)	568324.99
4220308.95	0.06746c (09052824)		
568374.99	4220308.95	0.06113c (09052824)	568424.99
4220308.95	0.05219c (09052824)		
568474.99	4220308.95	0.04648c (09052824)	568524.99
4220308.95	0.04204b (12090724)		
568124.99	4220358.95	0.12290c (09090424)	568174.99
4220358.95	0.10869c (10022024)		
568224.99	4220358.95	0.09618c (10022024)	568274.99
4220358.95	0.08339c (10022024)		
568324.99	4220358.95	0.07039c (10022024)	568374.99
4220358.95	0.06012c (10022024)		
568424.99	4220358.95	0.05141c (10022024)	568474.99

NorthgateVallejo\_Gas.ADO

4220358.95	0.04417c (10022024)	
568524.99	4220358.95	0.03847c (09052824) 568124.99
4220408.95	0.11806c (12022724)	
568174.99	4220408.95	0.10042c (12022724) 568224.99
4220408.95	0.07878c (09090424)	
568274.99	4220408.95	0.07043c (10022024) 568324.99
4220408.95	0.06474c (10022024)	
568374.99	4220408.95	0.05815c (10022024) 568424.99
4220408.95	0.05204c (10022024)	
568474.99	4220408.95	0.04616c (10022024) 568524.99
4220408.95	0.04069c (10022024)	
568124.99	4220458.95	0.09280c (13020224) 568174.99
4220458.95	0.08715c (13020224)	
568224.99	4220458.95	0.08055c (12022724) 568274.99
4220458.95	0.06755c (12022724)	
568324.99	4220458.95	0.05553c (09090424) 568374.99
4220458.95	0.05097c (09090424)	
568424.99	4220458.95	0.04741c (10022024) 568474.99
4220458.95	0.04380c (10022024)	
568524.99	4220458.95	0.03992c (10022024) 568124.99
4220508.95	0.08090b (11021224)	
568174.99	4220508.95	0.07098c (11123024) 568224.99
4220508.95	0.06887c (13020224)	
568274.99	4220508.95	0.06431c (12022724) 568324.99
4220508.95	0.05896c (12022724)	
568374.99	4220508.95	0.04950c (12022724) 568424.99
4220508.95	0.04207c (09090424)	
568474.99	4220508.95	0.03907c (09090424) 568524.99
4220508.95	0.03602c (10022024)	
568124.99	4220558.95	0.07791b (13051124) 568174.99
4220558.95	0.06580b (11021224)	
568224.99	4220558.95	0.05693c (11123024) 568274.99
4220558.95	0.05418c (13020224)	
568324.99	4220558.95	0.05292c (13020224) 568374.99
4220558.95	0.05019c (12022724)	
568424.99	4220558.95	0.04480c (12022724) 568474.99
4220558.95	0.03749c (12022724)	
568524.99	4220558.95	0.03300c (09090424) 568124.99
4220608.95	0.07221b (13051124)	
568174.99	4220608.95	0.06062b (13051124) 568224.99
4220608.95	0.05437b (11021224)	
568274.99	4220608.95	0.04595c (11123024) 568324.99
4220608.95	0.04477c (11123024)	
568374.99	4220608.95	0.04404c (13020224)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 27

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS \*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	

ALL	1ST HIGHEST VALUE IS	0.07786 AT (	567924.57, 4220158.79,
36.30,	36.30, 0.00) DC		
	2ND HIGHEST VALUE IS	0.05559 AT (	567689.85, 4220259.17,
29.96,	74.49, 0.00) DC		
	3RD HIGHEST VALUE IS	0.05357 AT (	567974.57, 4220158.79,
37.14,	37.14, 0.00) DC		
	4TH HIGHEST VALUE IS	0.04134 AT (	567924.57, 4220108.79,
36.50,	36.50, 0.00) DC		
	5TH HIGHEST VALUE IS	0.04057 AT (	567689.85, 4220309.17,
29.22,	74.49, 0.00) DC		
	6TH HIGHEST VALUE IS	0.03940 AT (	568024.57, 4220158.79,
36.67,	36.67, 0.00) DC		
	7TH HIGHEST VALUE IS	0.03894 AT (	567739.85, 4220359.17,
30.04,	30.04, 0.00) DC		
	8TH HIGHEST VALUE IS	0.03638 AT (	567639.85, 4220259.17,
30.25,	74.49, 0.00) DC		
	9TH HIGHEST VALUE IS	0.03440 AT (	568124.99, 4220258.95,
32.75,	324.62, 0.00) DC		
	10TH HIGHEST VALUE IS	0.03259 AT (	568124.99, 4220308.95,
30.26,	324.62, 0.00) DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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NorthgateVallejo\_Gas.ADO

12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 09:07:01

PAGE 28

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
ALL HIGH 1ST HIGH VALUE IS 4220158.79, 36.30, 36.30,	0.00	DC	3.12752 ON 10121105: AT ( 567924.57,	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 09:07:01

PAGE 29

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 24-HR

RESULTS \*\*\*

\*\* CONC OF TOG IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	AVERAGE CONC	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR

NorthgateVallego\_Gas.ADO

(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.74741 ON 09010124: AT ( 567689.85,  
4220259.17, 29.96, 74.49, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

C:\Users\jared.stine\Desktop\NorthgateVallejo\_HRA\NorthgateVallejo\_H \*\*\*  
12/18/19

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 09:07:01

PAGE 30

\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of 0 Fatal Error Message(s)  
A Total of 1 Warning Message(s)  
A Total of 10597 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
A Total of 9342 Calm Hours Identified  
A Total of 1255 Missing Hours Identified ( 2.86 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours=  
48

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

NorthgateConstPM10.out

AERSCREEN 16216 / AERMOD 18081

02/02/19  
12: 44: 40

TITLE: Northgatge ConstPM10

\*\*\*\*\* VOLUME PARAMETERS \*\*\*\*\*

SOURCE EMISSION RATE:	0.499E-02 g/s	0.396E-01 lb/hr
VOLUME HEIGHT:	5.00 meters	16.40 feet
INITIAL LATERAL DIMENSION:	450.00 meters	1476.38 feet
INITIAL VERTICAL DIMENSION:	1.00 meters	3.28 feet
RURAL OR URBAN:	URBAN	
POPULATION:	445458	
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

\*\*\*\*\* BUILDING DOWNWASH PARAMETERS \*\*\*\*\*

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

\*\*\*\*\* PROBE ANALYSIS \*\*\*\*\*  
25 meter receptor spacing: 969. meters - 5000. meters

Zo SECTOR	ROUGHNESS LENGTH	1-HR CONC (ug/m3)	DI ST (m)	TEMPORAL PERI OD
1*	1.000	0.2081E-01	968.5	ANN

\* = worst case flow sector

\*\*\*\*\* MAKEMET METEOROLOGY PARAMETERS \*\*\*\*\*

MIN/MAX TEMPERATURE: 275.0 / 300.0 (K)

MINIMUM WIND SPEED: 0.5 m/s

NorthgateConstPM10.out  
ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21  
BOWEN RATIO: 1.63  
ROUGHNESS LENGTH: 1.000 (meters)

SURFACE FRICTION VELOCITY (U\*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR  
-- -- -- -- --  
10 01 10 10 01

HO	U*	W*	DT/DZ	ZI CNV	ZIMCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF WS
-1.28	0.043	-9.000	0.020	-999.	21.	5.9	1.000	1.63	0.21	0.50	

HT	REF TA	HT
10.0	300.0	2.0

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR  
-- -- -- -- --  
10 01 10 10 01

HO	U*	W*	DT/DZ	ZI CNV	ZIMCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF WS
-1.28	0.043	-9.000	0.020	-999.	21.	5.9	1.000	1.63	0.21	0.50	

HT	REF TA	HT
10.0	300.0	2.0

\*\*\*\*\* AERSCREEN AUTOMATED DISTANCES \*\*\*\*\*  
OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

NorthgateConstPM10. out

DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)	DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)
968.50	0.2081E-01	3000.00	0.5488E-02
975.00	0.2058E-01	3025.00	0.5471E-02
1000.00	0.1972E-01	3050.00	0.5455E-02
1025.00	0.1893E-01	3075.00	0.5439E-02
1050.00	0.1818E-01	3100.00	0.5423E-02
1075.00	0.1748E-01	3125.00	0.5407E-02
1100.00	0.1682E-01	3150.00	0.5391E-02
1125.00	0.1620E-01	3175.00	0.5375E-02
1150.00	0.1562E-01	3200.00	0.5360E-02
1175.00	0.1507E-01	3225.00	0.5344E-02
1200.00	0.1455E-01	3250.00	0.5329E-02
1225.00	0.1405E-01	3275.00	0.5313E-02
1250.00	0.1359E-01	3300.00	0.5298E-02
1275.00	0.1314E-01	3325.00	0.5283E-02
1300.00	0.1272E-01	3350.00	0.5267E-02
1325.00	0.1233E-01	3375.00	0.5252E-02
1350.00	0.1195E-01	3400.00	0.5237E-02
1375.00	0.1159E-01	3425.00	0.5222E-02
1400.00	0.1124E-01	3450.00	0.5207E-02
1425.00	0.1092E-01	3475.00	0.5193E-02
1450.00	0.1060E-01	3500.00	0.5178E-02
1475.00	0.1030E-01	3525.00	0.5163E-02
1500.00	0.1002E-01	3550.00	0.5149E-02
1525.00	0.9746E-02	3575.00	0.5134E-02
1550.00	0.9485E-02	3600.00	0.5120E-02
1575.00	0.9235E-02	3625.00	0.5106E-02
1600.00	0.8995E-02	3650.00	0.5091E-02
1625.00	0.8766E-02	3675.00	0.5077E-02
1650.00	0.8545E-02	3700.00	0.5063E-02
1675.00	0.8333E-02	3725.00	0.5049E-02
1700.00	0.8129E-02	3750.00	0.5035E-02
1725.00	0.7934E-02	3775.00	0.5021E-02
1750.00	0.7745E-02	3800.00	0.5008E-02
1775.00	0.7564E-02	3825.00	0.4994E-02
1800.00	0.7390E-02	3850.00	0.4980E-02
1825.00	0.7221E-02	3875.00	0.4967E-02
1850.00	0.7059E-02	3900.00	0.4953E-02
1875.00	0.6903E-02	3925.00	0.4940E-02
1900.00	0.6752E-02	3950.00	0.4926E-02
1925.00	0.6606E-02	3975.00	0.4913E-02
1950.00	0.6465E-02	4000.00	0.4900E-02
1975.00	0.6329E-02	4025.00	0.4887E-02
2000.00	0.6241E-02	4050.00	0.4874E-02
2025.00	0.6219E-02	4075.00	0.4861E-02



NorthgateConstPM10. out

2050.00	0.6198E-02	4100.00	0.4848E-02
2075.00	0.6176E-02	4125.00	0.4835E-02
2100.00	0.6155E-02	4150.00	0.4822E-02
2125.00	0.6134E-02	4175.00	0.4809E-02
2150.00	0.6113E-02	4200.00	0.4797E-02
2175.00	0.6092E-02	4225.00	0.4784E-02
2200.00	0.6072E-02	4250.00	0.4772E-02
2225.00	0.6051E-02	4275.00	0.4759E-02
2250.00	0.6031E-02	4300.00	0.4747E-02
2275.00	0.6011E-02	4325.00	0.4734E-02
2300.00	0.5991E-02	4350.00	0.4722E-02
2325.00	0.5971E-02	4375.00	0.4710E-02
2350.00	0.5951E-02	4400.00	0.4698E-02
2375.00	0.5932E-02	4425.00	0.4685E-02
2400.00	0.5913E-02	4450.00	0.4673E-02
2425.00	0.5893E-02	4475.00	0.4661E-02
2450.00	0.5874E-02	4500.00	0.4649E-02
2475.00	0.5855E-02	4525.00	0.4638E-02
2500.00	0.5837E-02	4550.00	0.4626E-02
2525.00	0.5818E-02	4575.00	0.4614E-02
2550.00	0.5800E-02	4600.00	0.4602E-02
2575.00	0.5781E-02	4625.00	0.4591E-02
2600.00	0.5763E-02	4650.00	0.4579E-02
2625.00	0.5745E-02	4675.00	0.4568E-02
2650.00	0.5727E-02	4700.00	0.4556E-02
2675.00	0.5709E-02	4725.00	0.4545E-02
2700.00	0.5691E-02	4750.00	0.4533E-02
2725.00	0.5674E-02	4775.00	0.4522E-02
2750.00	0.5656E-02	4800.00	0.4511E-02
2775.00	0.5639E-02	4825.00	0.4500E-02
2800.00	0.5622E-02	4850.00	0.4489E-02
2825.00	0.5605E-02	4875.00	0.4478E-02
2850.00	0.5588E-02	4900.00	0.4467E-02
2875.00	0.5571E-02	4925.00	0.4456E-02
2900.00	0.5554E-02	4950.00	0.4445E-02
2925.00	0.5537E-02	4975.00	0.4434E-02
2950.00	0.5521E-02	5000.00	0.4423E-02
2975.00	0.5504E-02		

-----  
 \*\*\*\*\* AERSCREEN MAXIMUM IMPACT SUMMARY \*\*\*\*\*  
 -----

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
--------------------------	--------------------------------------	-------------------------------------	-------------------------------------	--------------------------------------	-------------------------------------

NorthgateConstPM10. out

-----	-----	-----	-----	-----	-----
FLAT TERRAIN	0. 2081E-01	0. 2081E-01	0. 1873E-01	0. 1249E-01	0. 2081E-02
DISTANCE FROM SOURCE	968. 50 meters				

IMPACT AT THE					
AMBIENT BOUNDARY	0. 2081E-01	0. 2081E-01	0. 1873E-01	0. 1249E-01	0. 2081E-02
DISTANCE FROM SOURCE	968. 50 meters				

NorthgateConstPM25.out

AERSCREEN 16216 / AERMOD 18081

02/04/19  
10: 51: 56

TITLE: Northgate ConstPM25

\*\*\*\*\* VOLUME PARAMETERS \*\*\*\*\*

SOURCE EMISSION RATE:	0. 459E-02 g/s	0. 365E-01 lb/hr
VOLUME HEIGHT:	5. 00 meters	16. 40 feet
INITIAL LATERAL DIMENSION:	450. 00 meters	1476. 38 feet
INITIAL VERTICAL DIMENSION:	1. 00 meters	3. 28 feet
RURAL OR URBAN:	URBAN	
POPULATION:	445458	
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

\*\*\*\*\* BUILDING DOWNWASH PARAMETERS \*\*\*\*\*

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

\*\*\*\*\* PROBE ANALYSIS \*\*\*\*\*  
25 meter receptor spacing: 969. meters - 5000. meters

Zo SECTOR	ROUGHNESS LENGTH	1-HR CONC (ug/m3)	DI ST (m)	TEMPORAL PERI OD
1*	1. 000	0. 1916E-01	968. 5	ANN

\* = worst case flow sector

\*\*\*\*\* MAKEMET METEOROLOGY PARAMETERS \*\*\*\*\*

MI N/MAX TEMPERATURE: 275. 0 / 300. 0 (K)

MI NI MUM WI ND SPEED: 0. 5 m/s

NorthgateConstPM25.out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21
BOWEN RATIO: 1.63
ROUGHNESS LENGTH: 1.000 (meters)

SURFACE FRICTION VELOCITY (U\*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR
10 01 10 10 01

HO U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZO BOWEN ALBEDO REF WS
-1.28 0.043 -9.000 0.020 -999. 21. 5.9 1.000 1.63 0.21 0.50

HT REF TA HT
10.0 300.0 2.0

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR
10 01 10 10 01

HO U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZO BOWEN ALBEDO REF WS
-1.28 0.043 -9.000 0.020 -999. 21. 5.9 1.000 1.63 0.21 0.50

HT REF TA HT
10.0 300.0 2.0

\*\*\*\*\* AERSCREEN AUTOMATED DISTANCES \*\*\*\*\*
OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

NorthgateConstPM25. out

DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)	DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)
968.50	0.1916E-01	3000.00	0.5052E-02
975.00	0.1894E-01	3025.00	0.5037E-02
1000.00	0.1816E-01	3050.00	0.5022E-02
1025.00	0.1743E-01	3075.00	0.5007E-02
1050.00	0.1674E-01	3100.00	0.4993E-02
1075.00	0.1609E-01	3125.00	0.4978E-02
1100.00	0.1549E-01	3150.00	0.4963E-02
1125.00	0.1492E-01	3175.00	0.4949E-02
1150.00	0.1438E-01	3200.00	0.4934E-02
1175.00	0.1387E-01	3225.00	0.4920E-02
1200.00	0.1339E-01	3250.00	0.4906E-02
1225.00	0.1294E-01	3275.00	0.4891E-02
1250.00	0.1251E-01	3300.00	0.4877E-02
1275.00	0.1210E-01	3325.00	0.4863E-02
1300.00	0.1171E-01	3350.00	0.4849E-02
1325.00	0.1135E-01	3375.00	0.4835E-02
1350.00	0.1100E-01	3400.00	0.4822E-02
1375.00	0.1067E-01	3425.00	0.4808E-02
1400.00	0.1035E-01	3450.00	0.4794E-02
1425.00	0.1005E-01	3475.00	0.4781E-02
1450.00	0.9761E-02	3500.00	0.4767E-02
1475.00	0.9487E-02	3525.00	0.4754E-02
1500.00	0.9224E-02	3550.00	0.4740E-02
1525.00	0.8973E-02	3575.00	0.4727E-02
1550.00	0.8732E-02	3600.00	0.4714E-02
1575.00	0.8502E-02	3625.00	0.4700E-02
1600.00	0.8282E-02	3650.00	0.4687E-02
1625.00	0.8070E-02	3675.00	0.4674E-02
1650.00	0.7867E-02	3700.00	0.4661E-02
1675.00	0.7672E-02	3725.00	0.4649E-02
1700.00	0.7484E-02	3750.00	0.4636E-02
1725.00	0.7304E-02	3775.00	0.4623E-02
1750.00	0.7131E-02	3800.00	0.4610E-02
1775.00	0.6964E-02	3825.00	0.4598E-02
1800.00	0.6803E-02	3850.00	0.4585E-02
1825.00	0.6648E-02	3875.00	0.4573E-02
1850.00	0.6499E-02	3900.00	0.4560E-02
1875.00	0.6355E-02	3925.00	0.4548E-02
1900.00	0.6216E-02	3950.00	0.4535E-02
1925.00	0.6082E-02	3975.00	0.4523E-02
1950.00	0.5952E-02	4000.00	0.4511E-02
1975.00	0.5827E-02	4025.00	0.4499E-02
2000.00	0.5746E-02	4050.00	0.4487E-02
2025.00	0.5726E-02	4075.00	0.4475E-02

NorthgateConstPM25. out

2050.00	0.5706E-02	4100.00	0.4463E-02
2075.00	0.5686E-02	4125.00	0.4451E-02
2100.00	0.5667E-02	4150.00	0.4439E-02
2125.00	0.5647E-02	4175.00	0.4428E-02
2150.00	0.5628E-02	4200.00	0.4416E-02
2175.00	0.5609E-02	4225.00	0.4404E-02
2200.00	0.5590E-02	4250.00	0.4393E-02
2225.00	0.5571E-02	4275.00	0.4381E-02
2250.00	0.5552E-02	4300.00	0.4370E-02
2275.00	0.5534E-02	4325.00	0.4359E-02
2300.00	0.5515E-02	4350.00	0.4347E-02
2325.00	0.5497E-02	4375.00	0.4336E-02
2350.00	0.5479E-02	4400.00	0.4325E-02
2375.00	0.5461E-02	4425.00	0.4314E-02
2400.00	0.5443E-02	4450.00	0.4303E-02
2425.00	0.5426E-02	4475.00	0.4291E-02
2450.00	0.5408E-02	4500.00	0.4281E-02
2475.00	0.5391E-02	4525.00	0.4270E-02
2500.00	0.5373E-02	4550.00	0.4259E-02
2525.00	0.5356E-02	4575.00	0.4248E-02
2550.00	0.5339E-02	4600.00	0.4237E-02
2575.00	0.5322E-02	4625.00	0.4226E-02
2600.00	0.5306E-02	4650.00	0.4216E-02
2625.00	0.5289E-02	4675.00	0.4205E-02
2650.00	0.5272E-02	4700.00	0.4195E-02
2675.00	0.5256E-02	4725.00	0.4184E-02
2700.00	0.5240E-02	4750.00	0.4174E-02
2725.00	0.5223E-02	4775.00	0.4163E-02
2750.00	0.5207E-02	4800.00	0.4153E-02
2775.00	0.5191E-02	4825.00	0.4143E-02
2800.00	0.5176E-02	4850.00	0.4132E-02
2825.00	0.5160E-02	4875.00	0.4122E-02
2850.00	0.5144E-02	4900.00	0.4112E-02
2875.00	0.5129E-02	4925.00	0.4102E-02
2900.00	0.5113E-02	4950.00	0.4092E-02
2925.00	0.5098E-02	4975.00	0.4082E-02
2950.00	0.5083E-02	5000.00	0.4072E-02
2975.00	0.5067E-02		

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 \*\*\*\*\* AERSCREEN MAXIMUM IMPACT SUMMARY \*\*\*\*\*  
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CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
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FLAT TERRAIN	0.1916E-01	0.1916E-01	0.1724E-01	0.1149E-01	0.1916E-02
DISTANCE FROM SOURCE	968.50 meters				

IMPACT AT THE					
AMBIENT BOUNDARY	0.1916E-01	0.1916E-01	0.1724E-01	0.1149E-01	0.1916E-02
DISTANCE FROM SOURCE	968.50 meters				





# COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT

## COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT CITY OF VALLEJO QUALIFIED GREENHOUSE GAS REDUCTION PLAN

The following table will be used to determine compliance with the City's Climate Action Plan (CAP), a Qualified Greenhouse Gas Reduction Plan according to the Bay Area Air Quality Management District (BAAQMD) California Environmental Quality Act (CEQA) guidelines. A new development may use the CAP as a performance based threshold of significance for greenhouse gas emissions by demonstrating compliance with the CAP's goals, measures, and actions. The checklist below will aid in this endeavor.

The checklist will be updated regularly as the CAP's goals, policies and actions are implemented. The CAP policy language will be replaced by actual municipal code sections, where applicable.

Topic	Policy	City Requirements	Project Requirements	Compliance	Discussion
<b>Energy Efficiency</b>					
Building Standards	Require all new development to meet minimum energy efficiency and green building requirements, as amended and encourage new development to exceed Title 24 Energy Efficiency and CALGreen Standards.	Adopt the California Title 24 minimum requirements and encourage new construction and major remodels to adhere to a Tier 1 or Tier 2 standard of the CALGreen Code.	Comply with Title 24 minimum requirements and consider adhering to the Tier 1 or Tier 2 standards of the CALGreen Code for Energy Efficiency.	<input type="checkbox"/> Complies <input checked="" type="checkbox"/> Complies with Intent of Project Requirement	
		Require news constructed buildings and recommend that remodels over 50% and tenant improvements demonstrate compliance with the mandatory CALGreen Code requirements by completing a green building checklist when submitting a request for building permits.	Complete CAP checklist.	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
		Consider requiring new development to comply with the Tier 1 requirements of CALGreen, Part 11 of the California Building Standards Code. This optional measure may be necessary to address any shortfall in attaining reduction objectives.			
Smart Meters	Increase the community's awareness and utilization of real-time energy consumption data available through PG&E's SmartMeter program.	Require newly constructed buildings and recommend that major remodels install indoor real-time energy monitors.	Install indoor real-time energy monitor in each unit or tenant space.	<input checked="" type="checkbox"/> Complies	
		Connect businesses and residents with rebate programs that give priority to appliances with smart grid technology.	Provide information to prospective buyers or tenants on available rebates for appliances with smart grid enabled technology	<input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
Cool Roofs and Pavements	Increase tree planting and the use of cool roofs and cool pavement materials to reduce the urban heat island effect and corresponding energy consumption. Implement tree replacement policy for	Actively inspect and enforce state requirements for cool roofs on residential and nonresidential roofing projects. Require new buildings to meet Title 24 and recommend that new buildings meet CALGreen Tier 1 requirements for cool roofs, which require a minimum solar reflectance index (SRI) of 10 for steep slope roofs and 64 for low slope roofs.	Comply with minimum Title 24 requirements for cool roofs to have a minimum SRI of 10 for steep slope and 64 for low slope roofs on residential and nonresidential projects.	<input type="checkbox"/> Complies <input checked="" type="checkbox"/> Complies with Intent of Project Requirement	
		Establish standards for new development and major remodels to reduce exterior heat gain for 50% of non-roof impervious site surfaces (roads, sidewalks, courtyards, parking lots, driveways) through one or more of the following mechanisms:	Reduce exterior heat gain by planting vegetation, installing solar panel shade structures, or utilizing paving materials with a	<input type="checkbox"/> Not Applicable	

\*\*Text highlighted green has been implemented into plan. Text highlighted red has not been implemented into the plan.

# COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT

Topic	Policy	City Requirements	Project Requirements	Compliance	Discussion
	projects where tree removal is necessary.	<ul style="list-style-type: none"> <li>Achieve 50% paved surface shading within five to ten years by planting trees and other vegetation and/or installing solar panels or shading structures above parking.</li> <li>Use paving materials with an SRI of at least 29 for all surfaces.</li> </ul> <p>Maintain and expand Vallejo's urban forest, including street trees and trees on private property.</p> <p>For public improvements and public projects, require the use of high albedo paving material for sidewalks, roads, crosswalks, parking lots, and driveways.</p>	<p>minimum SRI of 29 for at least 50% of non-roof impervious site surfaces.</p> <p>Install and maintain street trees in compliance with current development standards</p> <p>Utilize high albedo paving material when required to install or renovate sidewalks, roads, crosswalks, parking lots, and driveways</p>	<input type="checkbox"/> Does Not Comply	<p>Not economically feasible to achieve goal</p> <p>Yes for these items only</p>
<b>Renewable Energy</b>					
Renewable Energy Installations	Support the installation of small-scale renewable energy systems including solar photovoltaic, solar thermal, and wind, river current, and tidal energy conversion systems.	Encourage new homes and businesses to be pre-wired and pre-plumbed for solar and solar thermal installations.	Pre-wire and pre-plumb new residential and commercial buildings for solar and solar thermal installations.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
<b>Transportation &amp; Land Use</b>					
	Promote mixed-use, higher-density development near transit nodes.	<p>Implement elements in the Downtown Specific Plan that encourage pedestrian-oriented plazas, walkways, bike trails, bike lanes, and street furniture and connections to other community areas. Promote pedestrian convenience and recreational opportunities through development conditions requiring sidewalks, walking paths, or hiking trails connecting various land uses and including safety amenities such as lighting and signage.</p> <p>Implement elements in the Downtown Specific Plan that promote mixed-use development and provide commercial services such as day care, restaurants, banks, and stores near to employment centers, where feasible.</p>	<p>Include sidewalks, walking paths, or hiking trails connecting various land uses and including safety amenities such as lighting and signage throughout the project site for projects with the Downtown Specific Plan.</p> <p>Incorporate commercial services such as day care, restaurants, banks, and stores near employment centers where feasible in mixed use projects for projects within the Downtown Specific Plan.</p>	<input type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	<p>May not be applicable DSP</p>
	Expand and link the network of pedestrian and bicycle paths and facilities through preparation of a Bicycle and Pedestrian Master Plan, with the goal of increasing the bicycle and pedestrian mode share 20% by 2035.	Revise zoning standards to require the provision of bicycle support facilities (lockers, shower rooms, etc.) for appropriate development at a rate of 1 changing room and shower per 200 occupants.	Provide bicycle support facilities at a rate of 1 changing room and shower per 200 occupants within non-residential developments.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	

# COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT

Topic	Policy	City Requirements	Project Requirements	Compliance	Discussion
	Revise parking requirements for new commercial and multi-family residential projects and implement the Downtown Parking Meter Installation Plan.	Revise parking requirements for new commercial and multi-family residential projects to provide bike racks for 5% of the building's projected visitors within 200 feet of the building's entrance for commercial projects and one long-term bicycle storage space per two multi-family units.	Provide bike racks for 5% of the projected building occupants within 200 feet of the building entrance and one long-term bicycle storage space per two-multi-family units.	<input type="checkbox"/> Complies	Parking demand required for specific project retail brand viability and cannot be reduced
		Allow up to a 15% reduction in required private vehicle parking spaces in new commercial and multi-family residential projects if justified in an approved trip reduction plan.	Consider reducing the number of required vehicle parking spaces by up to 15% through the development of an approved trip reduction program.	<input checked="" type="checkbox"/> Complies with Intent of Project Requirement	
		Encourage shared parking programs in mixed-use and transit-oriented development areas.	Consider utilizing shared parking in mixed-use and transit-oriented developments.	<input type="checkbox"/> Not Applicable	
		Design parking lots, where feasible, to include clearly marked and shaded pedestrian pathways between transit facilities and building entrances.	Design parking lots, where feasible, to include clearly marked and shaded pedestrian pathways between transit facilities and building entrances.	<input type="checkbox"/> Does Not Comply	
	Reduce emissions from commute travel to and from schools and workplaces.	Encourage a variety of transportation system demand management techniques for new development, including variable work hours and telecommuting.	Implement applicable transportation demand management programs and techniques.	<input checked="" type="checkbox"/> Complies	
		Support the establishment and participation in Safe Routes to Schools and similar infrastructure and educational programs that enable safe passage of children and reduce vehicle trips to local schools.	Install infrastructure within and adjacent to the project site to ensure the safe passage of children to and from school.	<input type="checkbox"/> Complies with Intent of Project Requirement	
		Collaborate with the Solano Transportation Authority (STA) and Solano County to update the rideshare matching system to include the use of social networking and smart phone platforms and encourage greater use of existing park-and-ride lots.	Encourage employers and employees to utilize the Solano transit Authority's rideshare matching system.	<input type="checkbox"/> Not Applicable	
		Collaborate with STA and local employers to support guaranteed ride home programs including preferential parking spaces, employer-assisted ride-matching databases, recognition programs, and other incentives.	Encourage employers and employees to participate in STA's ridesharing and support services.	<input type="checkbox"/> Does Not Comply	
	Plan for an improved jobs/housing balance in order to reduce the need for long-distance travel from residences to places of work.	Update the City General Plan and corresponding regulations to support additional jobs and economic revitalization that improves Vallejo's jobs/housing balance.	Provide jobs and economic revitalization that improves Vallejo's jobs/housing balance.	<input type="checkbox"/> Complies	Live/work not suitable or marketable in suburban setting
		Review land-use plans and regulations and revise as needed to support additional live/work opportunities and home occupations, provided they are compatible with the existing neighborhood.	Provide live/work opportunities when compatible within existing neighborhood.	<input checked="" type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	

# COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT

Topic	Policy	City Requirements	Project Requirements	Compliance	Discussion
Efficient and Alternative Fuel Vehicles	Support the expanded use of efficient and alternative fuel vehicles.	Revise parking requirements for public and newly constructed commercial developments to include designated stalls for low-emitting, fuel-efficient vehicles and carpool/vanpool vehicles for a minimum of 8% of total parking capacity and to pre-wire stalls for future electric vehicle charging stations for 2% of total parking capacity.	Include designated stalls for low-emitting, fuel-efficient vehicles and carpool/vanpool vehicles for a minimum of 8% of total non-residential parking capacity and pre-wire stalls for future electric vehicle charging stations for 2% of total parking capacity.	<input type="checkbox"/> Complies <input checked="" type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	Specific project retail brand does not currently include alt. fuel stations
		Encourage new gas stations and automotive uses to include biodiesel facilities and/or offer biodiesel retrofits to diesel vehicles.	Consider including alternative fuel stations within the project.	<input type="checkbox"/> Does Not Comply	
<b>Water Conservation</b>					
Development Standards for Water Conservation	Require water conservation in all new buildings and landscapes.	Per the minimum requirements of the 2010 CALGreen Code, ensure that all new non-residential buildings larger than 50,000 square feet install individual water meters for each tenant space projected to consume more than 100 gallons per day.	Install individual water meters for each tenant space projected to consume more than 100 gallons per day in all non-residential buildings larger than 50,000 square feet.	<input type="checkbox"/> Complies <input checked="" type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	City does not have recycled water system, not economically feasible to create project-specific rec. water system  Not economically feasible from an installation and maintenance perspective
		Per the minimum requirements of the 2010 CALGreen Code, ensure that all new non-residential facilities with 1,000 to 5,000 square feet of irrigated landscaped space provide an additional water meter or sub-meter for landscaping uses.	Provide an additional water meter or sub-meter for landscaping uses for all new non-residential facilities with 1,000 to 5,000 square feet of irrigated landscaped space.		
		Revise development standards to support the use of greywater, recycled water, and rainwater catchment systems in all zones.	Consider installing greywater, recycled water, and rainwater catchment systems if feasible.		
		Per the voluntary requirements of the 2010 CALGreen Code, encourage newly constructed development to treat at least 40% of the average annual rainfall on-site through low impact development strategies.	Implement low impact development strategies in new non-residential projects to treat a minimum of 40% of the average annual rainfall on-site.		
		Per the minimum requirements of the 2010 CALGreen Code, require a minimum of 20% of the total parking, walkway, and porch area surfaces serving single-family and multi-family residential buildings under 4 units to be permeable to facilitate on-site retention of water and reduce water run-off.	Facilitate on-site retention of water and reduce water run-off by installing permeable surfaces for a minimum of 20% of the total parking, walkway, and porch area surfaces serving single-family and multi-family residential buildings under 4 units.		
Development Standards for Recycling and Composting	Require waste diversion and the use of recycled materials in new development.	Continue to update the City's Construction/Demolition Waste Reuse and Recycling Ordinance as higher diversion rates become feasible, necessary, or required.	Comply with the City's Construction/Demolition Waste Reuse and Recycling Ordinance.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
		Support the development of additional markets for recycled content products by requiring new developments to include recycled content materials at a minimum of 10% of total materials.	Incorporate recycled content materials for a minimum of 10% of total materials.	<input type="checkbox"/> Does Not Comply	

# COMPLIANCE CHECKLIST FOR NEW DEVELOPMENT

APPENDIX D

Topic	Policy	City Requirements	Project Requirements	Compliance	Discussion
<b>Equipment</b>					
Lawn & Garden Equipment	Encourage the use of electrified and higher-efficiency lawn and garden equipment.	Require new buildings to provide electrical outlets on the exterior in an accessible location to charge electric-powered lawn and garden equipment.	Install outdoor electrical outlets on the exterior of each building in an accessible location.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
		Encourage the replacement of high-maintenance landscapes (like grass turf) with native vegetation to reduce the need for gas-powered lawn and garden equipment.	Consider installing low-maintenance, native landscaping to minimize the need for gas-powered lawn and garden equipment.		
Construction Equipment	Reduce emissions from heavy-duty construction equipment by limiting idling and utilizing cleaner fuels, equipment, and vehicles.	Idling times will be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]), or less. Clear signage will be provided at all access points to remind construction workers of idling restrictions.	Shut construction equipment off when not in use or reduce the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]), or less.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	
		Construction equipment must be maintained per manufacturer's specifications.	Maintain construction equipment per manufacturer's specifications.		
		Planning and Building staff will work with project applicants to limit GHG emissions from construction equipment by selecting one of the following measures, at a minimum, as appropriate to the construction project:	Implement one of the following best practices to minimize construction related GHG emissions: Substitute electrified equipment for diesel- and gasoline-powered equipment where practical. Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane, or biodiesel.		
		a. Substitute electrified equipment for diesel- and gasoline-powered equipment where practical.	Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane, or biodiesel.		
		b. Use alternatively fueled construction equipment on-site, where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane, or biodiesel.	Avoid the use on on-site generators by connecting to grid electricity or utilizing solar-powered equipment.		
		c. Avoid the use on on-site generators by connecting to grid electricity or utilizing solar-powered equipment.	Limit heavy-duty equipment idling time to a period of 3 minutes or less, exceeding CARB regulation minimum requirements of 5 minutes.		
d. Limit heavy-duty equipment idling time to a period of 3 minutes or less, exceeding CARB regulation minimum requirements of 5 minutes.					
<b>Adaptation</b>					
Adaptation Mainstreaming	Integrate potential climate change impacts into local planning documents and processes.	In development review, analyze and disclose possible impacts of climate change on the project or plan area, with an emphasis on sea level rise.	Review, analyze and disclose possible impacts of climate change on the project or plan area, with an emphasis on sea level rise.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Complies with Intent of Project Requirement <input type="checkbox"/> Not Applicable <input type="checkbox"/> Does Not Comply	

