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# **Appendix A**

## Air Quality Attachments



# Table of Contents

Annual	2
Summer	43
Winter	74
Annual Mit	105
Summer Mit	146
Winter Mit	177
Summer	208
Winter	238
Summer Mit	268
Winter Mit	299
Electric Lift Vehicle Calculations	330
EV Charging	331
Annual	332
Annual Mit	373
Mission Blvd Warehouse HRA.ADO	414
Mission Blvd Warehouse HRA.sum	732
ResOutput	739
ResCancerRiskSumByRec	742
ResNCChronicRiskSumByRec	1268
Res-MitOutput	1794
Res-MitCancerRiskSumByRec	1797
Res-MitNCChronicRiskSumByRec	2323

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**5006 & 5010 Mission Boulevard Warehouse Project**

**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91

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

tblVehicleTrips	WD_TR	1.74	1.71
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**2.0 Emissions Summary**

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

**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					
2022	0.1724	1.7941	1.3520	2.9300e-003	0.5728	0.0800	0.6529	0.2497	0.0739	0.3236	0.0000	261.6391	261.6391	0.0670	5.8600e-003	265.0589
2023	0.6672	0.9979	1.2570	2.6600e-003	0.0775	0.0447	0.1222	0.0209	0.0420	0.0629	0.0000	236.8219	236.8219	0.0383	7.0500e-003	239.8824
<b>Maximum</b>	<b>0.6672</b>	<b>1.7941</b>	<b>1.3520</b>	<b>2.9300e-003</b>	<b>0.5728</b>	<b>0.0800</b>	<b>0.6529</b>	<b>0.2497</b>	<b>0.0739</b>	<b>0.3236</b>	<b>0.0000</b>	<b>261.6391</b>	<b>261.6391</b>	<b>0.0670</b>	<b>7.0500e-003</b>	<b>265.0589</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					
2022	0.1724	1.7941	1.3520	2.9300e-003	0.2754	0.0800	0.3555	0.1171	0.0739	0.1910	0.0000	261.6388	261.6388	0.0670	5.8600e-003	265.0586
2023	0.6672	0.9979	1.2570	2.6600e-003	0.0775	0.0447	0.1222	0.0209	0.0420	0.0629	0.0000	236.8217	236.8217	0.0383	7.0500e-003	239.8822
<b>Maximum</b>	<b>0.6672</b>	<b>1.7941</b>	<b>1.3520</b>	<b>2.9300e-003</b>	<b>0.2754</b>	<b>0.0800</b>	<b>0.3555</b>	<b>0.1171</b>	<b>0.0739</b>	<b>0.1910</b>	<b>0.0000</b>	<b>261.6388</b>	<b>261.6388</b>	<b>0.0670</b>	<b>7.0500e-003</b>	<b>265.0586</b>

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	45.73	0.00	38.37	48.99	0.00	34.30	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	0.9718	0.9718
2	9-1-2022	11-30-2022	0.7571	0.7571
3	12-1-2022	2-28-2023	0.6062	0.6062
4	3-1-2023	5-31-2023	0.5890	0.5890
5	6-1-2023	8-31-2023	0.7339	0.7339
		Highest	0.9718	0.9718

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.6684	1,084.6684	0.0346	0.0988	1,114.9610
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3322</b>	<b>3.8638</b>	<b>0.0143</b>	<b>0.8542</b>	<b>0.0490</b>	<b>0.9032</b>	<b>0.2308</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.5843</b>	<b>1,567.1745</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,663.9824</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.6684	1,084.6684	0.0346	0.0988	1,114.9610
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3322</b>	<b>3.8638</b>	<b>0.0143</b>	<b>0.8542</b>	<b>0.0490</b>	<b>0.9032</b>	<b>0.2308</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.5843</b>	<b>1,567.1745</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,663.9824</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	

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

3	Grading	Grading	7/16/2022	12/6/2022	5	102
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133
5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

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

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 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					
Fugitive Dust					0.0713	0.0000	0.0713	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4927	25.4927	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0713</b>	<b>9.3200e-003</b>	<b>0.0807</b>	<b>0.0108</b>	<b>8.6600e-003</b>	<b>0.0195</b>	<b>0.0000</b>	<b>25.4927</b>	<b>25.4927</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	1.3800e-003	0.0542	0.0124	2.0000e-004	5.6800e-003	4.3000e-004	6.1100e-003	1.5600e-003	4.1000e-004	1.9700e-003	0.0000	19.8765	19.8765	1.0700e-003	3.1600e-003	20.8435
Vendor	5.0000e-005	1.4600e-003	4.9000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.5599	0.5599	2.0000e-005	8.0000e-005	0.5845
Worker	4.0000e-004	3.3000e-004	4.2500e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0645	1.0645	3.0000e-005	3.0000e-005	1.0738
<b>Total</b>	<b>1.8300e-003</b>	<b>0.0560</b>	<b>0.0171</b>	<b>2.2000e-004</b>	<b>7.1900e-003</b>	<b>4.5000e-004</b>	<b>7.6300e-003</b>	<b>1.9600e-003</b>	<b>4.3000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>21.5009</b>	<b>21.5009</b>	<b>1.1200e-003</b>	<b>3.2700e-003</b>	<b>22.5019</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 2022**

**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					0.0321	0.0000	0.0321	4.8600e-003	0.0000	4.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4926	25.4926	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0321</b>	<b>9.3200e-003</b>	<b>0.0414</b>	<b>4.8600e-003</b>	<b>8.6600e-003</b>	<b>0.0135</b>	<b>0.0000</b>	<b>25.4926</b>	<b>25.4926</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	1.3800e-003	0.0542	0.0124	2.0000e-004	5.6800e-003	4.3000e-004	6.1100e-003	1.5600e-003	4.1000e-004	1.9700e-003	0.0000	19.8765	19.8765	1.0700e-003	3.1600e-003	20.8435
Vendor	5.0000e-005	1.4600e-003	4.9000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.5599	0.5599	2.0000e-005	8.0000e-005	0.5845
Worker	4.0000e-004	3.3000e-004	4.2500e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0645	1.0645	3.0000e-005	3.0000e-005	1.0738
<b>Total</b>	<b>1.8300e-003</b>	<b>0.0560</b>	<b>0.0171</b>	<b>2.2000e-004</b>	<b>7.1900e-003</b>	<b>4.5000e-004</b>	<b>7.6300e-003</b>	<b>1.9600e-003</b>	<b>4.3000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>21.5009</b>	<b>21.5009</b>	<b>1.1200e-003</b>	<b>3.2700e-003</b>	<b>22.5019</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.1081	0.0000	0.1081	0.0556	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0955	30.0955	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.1081</b>	<b>0.0145</b>	<b>0.1226</b>	<b>0.0556</b>	<b>0.0134</b>	<b>0.0689</b>	<b>0.0000</b>	<b>30.0955</b>	<b>30.0955</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	6.0000e-005	1.7600e-003	5.8000e-004	1.0000e-005	2.3000e-004	2.0000e-005	2.4000e-004	7.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6718	0.6718	2.0000e-005	1.0000e-004	0.7014
Worker	5.4000e-004	4.4000e-004	5.7400e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4371	1.4371	4.0000e-005	4.0000e-005	1.4496
<b>Total</b>	<b>6.0000e-004</b>	<b>2.2000e-003</b>	<b>6.3200e-003</b>	<b>3.0000e-005</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>3.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.1089</b>	<b>2.1089</b>	<b>6.0000e-005</b>	<b>1.4000e-004</b>	<b>2.1511</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 2022**

**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					0.0487	0.0000	0.0487	0.0250	0.0000	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0954	30.0954	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.0487</b>	<b>0.0145</b>	<b>0.0632</b>	<b>0.0250</b>	<b>0.0134</b>	<b>0.0384</b>	<b>0.0000</b>	<b>30.0954</b>	<b>30.0954</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	6.0000e-005	1.7600e-003	5.8000e-004	1.0000e-005	2.3000e-004	2.0000e-005	2.4000e-004	7.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6718	0.6718	2.0000e-005	1.0000e-004	0.7014
Worker	5.4000e-004	4.4000e-004	5.7400e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4371	1.4371	4.0000e-005	4.0000e-005	1.4496
<b>Total</b>	<b>6.0000e-004</b>	<b>2.2000e-003</b>	<b>6.3200e-003</b>	<b>3.0000e-005</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>3.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.1089</b>	<b>2.1089</b>	<b>6.0000e-005</b>	<b>1.4000e-004</b>	<b>2.1511</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.4 Grading - 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					
Fugitive Dust					0.3613	0.0000	0.3613	0.1747	0.0000	0.1747	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8793	132.8793	0.0430	0.0000	133.9537
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.3613</b>	<b>0.0480</b>	<b>0.4093</b>	<b>0.1747</b>	<b>0.0441</b>	<b>0.2188</b>	<b>0.0000</b>	<b>132.8793</b>	<b>132.8793</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9537</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	2.5000e-004	9.8600e-003	2.2500e-003	4.0000e-005	1.0300e-003	8.0000e-005	1.1100e-003	2.8000e-004	7.0000e-005	3.6000e-004	0.0000	3.6139	3.6139	1.9000e-004	5.7000e-004	3.7897
Vendor	3.7000e-004	9.9600e-003	3.3100e-003	4.0000e-005	1.2900e-003	1.0000e-004	1.3900e-003	3.7000e-004	1.0000e-004	4.7000e-004	0.0000	3.8070	3.8070	1.3000e-004	5.5000e-004	3.9748
Worker	2.7400e-003	2.2100e-003	0.0289	8.0000e-005	8.9500e-003	5.0000e-005	9.0100e-003	2.3800e-003	5.0000e-005	2.4300e-003	0.0000	7.2387	7.2387	2.0000e-004	2.0000e-004	7.3019
<b>Total</b>	<b>3.3600e-003</b>	<b>0.0220</b>	<b>0.0345</b>	<b>1.6000e-004</b>	<b>0.0113</b>	<b>2.3000e-004</b>	<b>0.0115</b>	<b>3.0300e-003</b>	<b>2.2000e-004</b>	<b>3.2600e-003</b>	<b>0.0000</b>	<b>14.6597</b>	<b>14.6597</b>	<b>5.2000e-004</b>	<b>1.3200e-003</b>	<b>15.0665</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.4 Grading - 2022**

**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					0.1626	0.0000	0.1626	0.0786	0.0000	0.0786	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8792	132.8792	0.0430	0.0000	133.9536
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.1626</b>	<b>0.0480</b>	<b>0.2106</b>	<b>0.0786</b>	<b>0.0441</b>	<b>0.1227</b>	<b>0.0000</b>	<b>132.8792</b>	<b>132.8792</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9536</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	2.5000e-004	9.8600e-003	2.2500e-003	4.0000e-005	1.0300e-003	8.0000e-005	1.1100e-003	2.8000e-004	7.0000e-005	3.6000e-004	0.0000	3.6139	3.6139	1.9000e-004	5.7000e-004	3.7897
Vendor	3.7000e-004	9.9600e-003	3.3100e-003	4.0000e-005	1.2900e-003	1.0000e-004	1.3900e-003	3.7000e-004	1.0000e-004	4.7000e-004	0.0000	3.8070	3.8070	1.3000e-004	5.5000e-004	3.9748
Worker	2.7400e-003	2.2100e-003	0.0289	8.0000e-005	8.9500e-003	5.0000e-005	9.0100e-003	2.3800e-003	5.0000e-005	2.4300e-003	0.0000	7.2387	7.2387	2.0000e-004	2.0000e-004	7.3019
<b>Total</b>	<b>3.3600e-003</b>	<b>0.0220</b>	<b>0.0345</b>	<b>1.6000e-004</b>	<b>0.0113</b>	<b>2.3000e-004</b>	<b>0.0115</b>	<b>3.0300e-003</b>	<b>2.2000e-004</b>	<b>3.2600e-003</b>	<b>0.0000</b>	<b>14.6597</b>	<b>14.6597</b>	<b>5.2000e-004</b>	<b>1.3200e-003</b>	<b>15.0665</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.5 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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	6.2000e-004	0.0167	5.5400e-003	7.0000e-005	2.1600e-003	1.7000e-004	2.3200e-003	6.2000e-004	1.6000e-004	7.8000e-004	0.0000	6.3824	6.3824	2.1000e-004	9.3000e-004	6.6637
Worker	2.9000e-003	2.3400e-003	0.0306	8.0000e-005	9.4800e-003	6.0000e-005	9.5400e-003	2.5200e-003	5.0000e-005	2.5700e-003	0.0000	7.6645	7.6645	2.1000e-004	2.1000e-004	7.7314
<b>Total</b>	<b>3.5200e-003</b>	<b>0.0190</b>	<b>0.0362</b>	<b>1.5000e-004</b>	<b>0.0116</b>	<b>2.3000e-004</b>	<b>0.0119</b>	<b>3.1400e-003</b>	<b>2.1000e-004</b>	<b>3.3500e-003</b>	<b>0.0000</b>	<b>14.0469</b>	<b>14.0469</b>	<b>4.2000e-004</b>	<b>1.1400e-003</b>	<b>14.3951</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2022**

**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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	6.2000e-004	0.0167	5.5400e-003	7.0000e-005	2.1600e-003	1.7000e-004	2.3200e-003	6.2000e-004	1.6000e-004	7.8000e-004	0.0000	6.3824	6.3824	2.1000e-004	9.3000e-004	6.6637
Worker	2.9000e-003	2.3400e-003	0.0306	8.0000e-005	9.4800e-003	6.0000e-005	9.5400e-003	2.5200e-003	5.0000e-005	2.5700e-003	0.0000	7.6645	7.6645	2.1000e-004	2.1000e-004	7.7314
<b>Total</b>	<b>3.5200e-003</b>	<b>0.0190</b>	<b>0.0362</b>	<b>1.5000e-004</b>	<b>0.0116</b>	<b>2.3000e-004</b>	<b>0.0119</b>	<b>3.1400e-003</b>	<b>2.1000e-004</b>	<b>3.3500e-003</b>	<b>0.0000</b>	<b>14.0469</b>	<b>14.0469</b>	<b>4.2000e-004</b>	<b>1.1400e-003</b>	<b>14.3951</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.5 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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2877	133.2877	0.0317	0.0000	134.0804
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2877</b>	<b>133.2877</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0804</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	2.3600e-003	0.0832	0.0317	4.0000e-004	0.0138	4.6000e-004	0.0142	3.9800e-003	4.4000e-004	4.4200e-003	0.0000	38.8868	38.8868	1.3000e-003	5.6300e-003	40.5984
Worker	0.0172	0.0132	0.1801	5.2000e-004	0.0606	3.5000e-004	0.0609	0.0161	3.2000e-004	0.0164	0.0000	47.3940	47.3940	1.2200e-003	1.2200e-003	47.7879
<b>Total</b>	<b>0.0196</b>	<b>0.0965</b>	<b>0.2118</b>	<b>9.2000e-004</b>	<b>0.0743</b>	<b>8.1000e-004</b>	<b>0.0752</b>	<b>0.0201</b>	<b>7.6000e-004</b>	<b>0.0208</b>	<b>0.0000</b>	<b>86.2808</b>	<b>86.2808</b>	<b>2.5200e-003</b>	<b>6.8500e-003</b>	<b>88.3863</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2023**

**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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2876	133.2876	0.0317	0.0000	134.0803
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2876</b>	<b>133.2876</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0803</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	2.3600e-003	0.0832	0.0317	4.0000e-004	0.0138	4.6000e-004	0.0142	3.9800e-003	4.4000e-004	4.4200e-003	0.0000	38.8868	38.8868	1.3000e-003	5.6300e-003	40.5984
Worker	0.0172	0.0132	0.1801	5.2000e-004	0.0606	3.5000e-004	0.0609	0.0161	3.2000e-004	0.0164	0.0000	47.3940	47.3940	1.2200e-003	1.2200e-003	47.7879
<b>Total</b>	<b>0.0196</b>	<b>0.0965</b>	<b>0.2118</b>	<b>9.2000e-004</b>	<b>0.0743</b>	<b>8.1000e-004</b>	<b>0.0752</b>	<b>0.0201</b>	<b>7.6000e-004</b>	<b>0.0208</b>	<b>0.0000</b>	<b>86.2808</b>	<b>86.2808</b>	<b>2.5200e-003</b>	<b>6.8500e-003</b>	<b>88.3863</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.6 Paving - 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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	3.0000e-005	9.1000e-004	3.5000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.4271	0.4271	1.0000e-005	6.0000e-005	0.4459
Worker	3.0000e-004	2.3000e-004	3.1300e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8242	0.8242	2.0000e-005	2.0000e-005	0.8311
<b>Total</b>	<b>3.3000e-004</b>	<b>1.1400e-003</b>	<b>3.4800e-003</b>	<b>1.0000e-005</b>	<b>1.2000e-003</b>	<b>2.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.2514</b>	<b>1.2514</b>	<b>3.0000e-005</b>	<b>8.0000e-005</b>	<b>1.2770</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.6 Paving - 2023**

**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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	3.0000e-005	9.1000e-004	3.5000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.4271	0.4271	1.0000e-005	6.0000e-005	0.4459
Worker	3.0000e-004	2.3000e-004	3.1300e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8242	0.8242	2.0000e-005	2.0000e-005	0.8311
<b>Total</b>	<b>3.3000e-004</b>	<b>1.1400e-003</b>	<b>3.4800e-003</b>	<b>1.0000e-005</b>	<b>1.2000e-003</b>	<b>2.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.2514</b>	<b>1.2514</b>	<b>3.0000e-005</b>	<b>8.0000e-005</b>	<b>1.2770</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.7 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	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	3.0000e-005	1.2200e-003	4.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5695	0.5695	2.0000e-005	8.0000e-005	0.5946
Worker	5.0000e-004	3.8000e-004	5.2200e-003	1.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3737	1.3737	4.0000e-005	4.0000e-005	1.3852
<b>Total</b>	<b>5.3000e-004</b>	<b>1.6000e-003</b>	<b>5.6800e-003</b>	<b>2.0000e-005</b>	<b>1.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>5.3000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.9433</b>	<b>1.9433</b>	<b>6.0000e-005</b>	<b>1.2000e-004</b>	<b>1.9797</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	3.0000e-005	1.2200e-003	4.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5695	0.5695	2.0000e-005	8.0000e-005	0.5946
Worker	5.0000e-004	3.8000e-004	5.2200e-003	1.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3737	1.3737	4.0000e-005	4.0000e-005	1.3852
<b>Total</b>	<b>5.3000e-004</b>	<b>1.6000e-003</b>	<b>5.6800e-003</b>	<b>2.0000e-005</b>	<b>1.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>5.3000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.9433</b>	<b>1.9433</b>	<b>6.0000e-005</b>	<b>1.2000e-004</b>	<b>1.9797</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.668 4	1,084.668 4	0.0346	0.0988	1,114.961 0
Unmitigated	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.668 4	1,084.668 4	0.0346	0.0988	1,114.961 0

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

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
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
Natural Gas Mitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694
Natural Gas Unmitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - 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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**5.3 Energy by Land Use - Electricity**

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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Unmitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003

**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	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.4219	0.8745	0.0212	99.5926
Unmitigated	71.4219	0.8745	0.0212	99.5926

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	24.1275	1.4259	0.0000	59.7749
Unmitigated	24.1275	1.4259	0.0000	59.7749

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Annual

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

**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					
Rough Terrain Forklifts	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
<b>Total</b>	<b>0.0772</b>	<b>1.0216</b>	<b>1.6697</b>	<b>2.5200e-003</b>		<b>0.0328</b>	<b>0.0328</b>		<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>221.0594</b>	<b>221.0594</b>	<b>0.0715</b>	<b>0.0000</b>	<b>222.8467</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**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**5006 & 5010 Mission Boulevard Warehouse Project**

**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

tblVehicleTrips	WD_TR	1.74	1.71
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**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2394	33.3132	22.9084	0.0678	12.2394	1.6157	13.8552	6.2345	1.4865	7.7210	0.0000	6,913.553 2	6,913.553 2	1.2164	0.4795	7,086.861 2
2023	70.0102	15.9700	20.1546	0.0433	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,250.136 3	4,250.136 3	0.7447	0.1295	4,305.136 8
<b>Maximum</b>	<b>70.0102</b>	<b>33.3132</b>	<b>22.9084</b>	<b>0.0678</b>	<b>12.2394</b>	<b>1.6157</b>	<b>13.8552</b>	<b>6.2345</b>	<b>1.4865</b>	<b>7.7210</b>	<b>0.0000</b>	<b>6,913.553 2</b>	<b>6,913.553 2</b>	<b>1.2164</b>	<b>0.4795</b>	<b>7,086.861 2</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	lb/day										lb/day					
2022	3.2394	33.3132	22.9084	0.0678	5.6325	1.6157	7.2482	2.8389	1.4865	4.3254	0.0000	6,913.553 2	6,913.553 2	1.2164	0.4795	7,086.861 2
2023	70.0102	15.9700	20.1546	0.0433	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,250.136 3	4,250.136 3	0.7447	0.1295	4,305.136 8
<b>Maximum</b>	<b>70.0102</b>	<b>33.3132</b>	<b>22.9084</b>	<b>0.0678</b>	<b>5.6325</b>	<b>1.6157</b>	<b>7.2482</b>	<b>2.8389</b>	<b>1.4865</b>	<b>4.3254</b>	<b>0.0000</b>	<b>6,913.553 2</b>	<b>6,913.553 2</b>	<b>1.2164</b>	<b>0.4795</b>	<b>7,086.861 2</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	48.74	0.00	41.59	51.53	0.00	38.82	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6913</b>	<b>12.4088</b>	<b>22.0536</b>	<b>0.0800</b>	<b>4.7781</b>	<b>0.2688</b>	<b>5.0469</b>	<b>1.2890</b>	<b>0.2510</b>	<b>1.5400</b>	<b>0.0000</b>	<b>8,463.2854</b>	<b>8,463.2854</b>	<b>0.6495</b>	<b>0.6005</b>	<b>8,658.4641</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6913</b>	<b>12.4088</b>	<b>22.0536</b>	<b>0.0800</b>	<b>4.7781</b>	<b>0.2688</b>	<b>5.0469</b>	<b>1.2890</b>	<b>0.2510</b>	<b>1.5400</b>	<b>0.0000</b>	<b>8,463.2854</b>	<b>8,463.2854</b>	<b>0.6495</b>	<b>0.6005</b>	<b>8,658.4641</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**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	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1859	6.8649	1.6406	0.0266	0.7696	0.0574	0.8270	0.2110	0.0549	0.2659		2,920.899 1	2,920.899 1	0.1569	0.4637	3,062.999 7
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.2483</b>	<b>7.0898</b>	<b>2.3143</b>	<b>0.0290</b>	<b>0.9741</b>	<b>0.0604</b>	<b>1.0345</b>	<b>0.2658</b>	<b>0.0578</b>	<b>0.3235</b>		<b>3,166.772 0</b>	<b>3,166.772 0</b>	<b>0.1639</b>	<b>0.4795</b>	<b>3,313.769 1</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>4.2807</b>	<b>1.2427</b>	<b>5.5233</b>	<b>0.6481</b>	<b>1.1553</b>	<b>1.8034</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1859	6.8649	1.6406	0.0266	0.7696	0.0574	0.8270	0.2110	0.0549	0.2659		2,920.899 1	2,920.899 1	0.1569	0.4637	3,062.999 7
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.2483</b>	<b>7.0898</b>	<b>2.3143</b>	<b>0.0290</b>	<b>0.9741</b>	<b>0.0604</b>	<b>1.0345</b>	<b>0.2658</b>	<b>0.0578</b>	<b>0.3235</b>		<b>3,166.772 0</b>	<b>3,166.772 0</b>	<b>0.1639</b>	<b>0.4795</b>	<b>3,313.769 1</b>

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.061 9	3,686.061 9	1.1922		3,715.865 5
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.061 9</b>	<b>3,686.061 9</b>	<b>1.1922</b>		<b>3,715.865 5</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0620	0.0436	0.6861	1.8200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		184.0558	184.0558	4.8100e-003	4.4000e-003	185.4883
<b>Total</b>	<b>0.0693</b>	<b>0.2297</b>	<b>0.7499</b>	<b>2.5800e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9600e-003</b>	<b>0.0637</b>		<b>266.3236</b>	<b>266.3236</b>	<b>7.5700e-003</b>	<b>0.0163</b>	<b>271.3793</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0620	0.0436	0.6861	1.8200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		184.0558	184.0558	4.8100e-003	4.4000e-003	185.4883
<b>Total</b>	<b>0.0693</b>	<b>0.2297</b>	<b>0.7499</b>	<b>2.5800e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9600e-003</b>	<b>0.0637</b>		<b>266.3236</b>	<b>266.3236</b>	<b>7.5700e-003</b>	<b>0.0163</b>	<b>271.3793</b>

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9700e-003	0.1836	0.0439	7.1000e-004	0.0206	1.5300e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.0989	78.0989	4.2000e-003	0.0124	81.8984
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.0674</b>	<b>0.4084</b>	<b>0.7176</b>	<b>3.0900e-003</b>	<b>0.2250</b>	<b>4.5500e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3100e-003</b>	<b>0.0648</b>		<b>323.9718</b>	<b>323.9718</b>	<b>0.0112</b>	<b>0.0282</b>	<b>332.6679</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.9409</b>	<b>4.1285</b>	<b>1.5412</b>	<b>0.8656</b>	<b>2.4068</b>	<b>0.0000</b>	<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9700e-003	0.1836	0.0439	7.1000e-004	0.0206	1.5300e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.0989	78.0989	4.2000e-003	0.0124	81.8984
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.0674</b>	<b>0.4084</b>	<b>0.7176</b>	<b>3.0900e-003</b>	<b>0.2250</b>	<b>4.5500e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3100e-003</b>	<b>0.0648</b>		<b>323.9718</b>	<b>323.9718</b>	<b>0.0112</b>	<b>0.0282</b>	<b>332.6679</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0693	1.7682	0.6062	7.2700e-003	0.2433	0.0185	0.2618	0.0701	0.0177	0.0877		781.5435	781.5435	0.0262	0.1133	815.9639
Worker	0.3305	0.2325	3.6592	9.7100e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		981.6310	981.6310	0.0257	0.0235	989.2712
<b>Total</b>	<b>0.3998</b>	<b>2.0007</b>	<b>4.2654</b>	<b>0.0170</b>	<b>1.3164</b>	<b>0.0249</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3782</b>		<b>1,763.1745</b>	<b>1,763.1745</b>	<b>0.0519</b>	<b>0.1368</b>	<b>1,805.2350</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0693	1.7682	0.6062	7.2700e-003	0.2433	0.0185	0.2618	0.0701	0.0177	0.0877		781.5435	781.5435	0.0262	0.1133	815.9639
Worker	0.3305	0.2325	3.6592	9.7100e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		981.6310	981.6310	0.0257	0.0235	989.2712
<b>Total</b>	<b>0.3998</b>	<b>2.0007</b>	<b>4.2654</b>	<b>0.0170</b>	<b>1.3164</b>	<b>0.0249</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3782</b>		<b>1,763.1745</b>	<b>1,763.1745</b>	<b>0.0519</b>	<b>0.1368</b>	<b>1,805.2350</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0420	1.3794	0.5431	6.9200e-003	0.2433	8.0300e-003	0.2514	0.0701	7.6800e-003	0.0777		744.9175	744.9175	0.0250	0.1078	777.6800
Worker	0.3065	0.2057	3.3676	9.4000e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		950.0089	950.0089	0.0230	0.0217	957.0507
<b>Total</b>	<b>0.3485</b>	<b>1.5851</b>	<b>3.9106</b>	<b>0.0163</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3304</b>	<b>0.3546</b>	<b>0.0132</b>	<b>0.3679</b>		<b>1,694.9264</b>	<b>1,694.9264</b>	<b>0.0481</b>	<b>0.1295</b>	<b>1,734.7307</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0420	1.3794	0.5431	6.9200e-003	0.2433	8.0300e-003	0.2514	0.0701	7.6800e-003	0.0777		744.9175	744.9175	0.0250	0.1078	777.6800
Worker	0.3065	0.2057	3.3676	9.4000e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		950.0089	950.0089	0.0230	0.0217	957.0507
<b>Total</b>	<b>0.3485</b>	<b>1.5851</b>	<b>3.9106</b>	<b>0.0163</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3304</b>	<b>0.3546</b>	<b>0.0132</b>	<b>0.3679</b>		<b>1,694.9264</b>	<b>1,694.9264</b>	<b>0.0481</b>	<b>0.1295</b>	<b>1,734.7307</b>

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0511	0.0343	0.5613	1.5700e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		158.3348	158.3348	3.8400e-003	3.6200e-003	159.5085
<b>Total</b>	<b>0.0555</b>	<b>0.1795</b>	<b>0.6184</b>	<b>2.3000e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>236.7472</b>	<b>236.7472</b>	<b>6.4800e-003</b>	<b>0.0150</b>	<b>241.3695</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0511	0.0343	0.5613	1.5700e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		158.3348	158.3348	3.8400e-003	3.6200e-003	159.5085
<b>Total</b>	<b>0.0555</b>	<b>0.1795</b>	<b>0.6184</b>	<b>2.3000e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>236.7472</b>	<b>236.7472</b>	<b>6.4800e-003</b>	<b>0.0150</b>	<b>241.3695</b>

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0639	0.0429	0.7016	1.9600e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		197.9185	197.9185	4.8000e-003	4.5200e-003	199.3856
<b>Total</b>	<b>0.0683</b>	<b>0.1881</b>	<b>0.7587</b>	<b>2.6900e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>276.3309</b>	<b>276.3309</b>	<b>7.4400e-003</b>	<b>0.0159</b>	<b>281.2466</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0639	0.0429	0.7016	1.9600e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		197.9185	197.9185	4.8000e-003	4.5200e-003	199.3856
<b>Total</b>	<b>0.0683</b>	<b>0.1881</b>	<b>0.7587</b>	<b>2.6900e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>276.3309</b>	<b>276.3309</b>	<b>7.4400e-003</b>	<b>0.0159</b>	<b>281.2466</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Unmitigated	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas s Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e- 003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e- 003	6.6100e- 003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non- Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e- 003	0.0436	0.0366	2.6000e- 004		3.3100e- 003	3.3100e- 003		3.3100e- 003	3.3100e- 003		52.3118	52.3118	1.0000e- 003	9.6000e- 004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e- 003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e- 003</b>	<b>7.5700e- 003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Summer

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**5006 & 5010 Mission Boulevard Warehouse Project**

**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

tblVehicleTrips	WD_TR	1.74	1.71
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**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2425	33.3255	22.8830	0.0678	12.2394	1.6157	13.8552	6.2345	1.4865	7.7210	0.0000	6,905.1575	6,905.1575	1.2161	0.4800	7,078.5895
2023	70.0162	16.0576	19.8521	0.0427	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,196.3536	4,196.3536	0.7448	0.1312	4,251.8377
<b>Maximum</b>	<b>70.0162</b>	<b>33.3255</b>	<b>22.8830</b>	<b>0.0678</b>	<b>12.2394</b>	<b>1.6157</b>	<b>13.8552</b>	<b>6.2345</b>	<b>1.4865</b>	<b>7.7210</b>	<b>0.0000</b>	<b>6,905.1575</b>	<b>6,905.1575</b>	<b>1.2161</b>	<b>0.4800</b>	<b>7,078.5895</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	lb/day										lb/day					
2022	3.2425	33.3255	22.8830	0.0678	5.6325	1.6157	7.2482	2.8389	1.4865	4.3254	0.0000	6,905.1575	6,905.1575	1.2161	0.4800	7,078.5895
2023	70.0162	16.0576	19.8521	0.0427	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,196.3536	4,196.3536	0.7448	0.1312	4,251.8377
<b>Maximum</b>	<b>70.0162</b>	<b>33.3255</b>	<b>22.8830</b>	<b>0.0678</b>	<b>5.6325</b>	<b>1.6157</b>	<b>7.2482</b>	<b>2.8389</b>	<b>1.4865</b>	<b>4.3254</b>	<b>0.0000</b>	<b>6,905.1575</b>	<b>6,905.1575</b>	<b>1.2161</b>	<b>0.4800</b>	<b>7,078.5895</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	48.74	0.00	41.59	51.53	0.00	38.82	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6512</b>	<b>12.7379</b>	<b>20.9454</b>	<b>0.0782</b>	<b>4.7781</b>	<b>0.2689</b>	<b>5.0470</b>	<b>1.2890</b>	<b>0.2511</b>	<b>1.5401</b>	<b>0.0000</b>	<b>8,281.0664</b>	<b>8,281.0664</b>	<b>0.6492</b>	<b>0.6053</b>	<b>8,477.6754</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6512</b>	<b>12.7379</b>	<b>20.9454</b>	<b>0.0782</b>	<b>4.7781</b>	<b>0.2689</b>	<b>5.0470</b>	<b>1.2890</b>	<b>0.2511</b>	<b>1.5401</b>	<b>0.0000</b>	<b>8,281.0664</b>	<b>8,281.0664</b>	<b>0.6492</b>	<b>0.6053</b>	<b>8,477.6754</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**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	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1808	7.1666	1.6715	0.0266	0.7696	0.0575	0.8271	0.2110	0.0550	0.2660		2,921.975 1	2,921.975 1	0.1566	0.4639	3,064.122 7
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.2459</b>	<b>7.4032</b>	<b>2.2889</b>	<b>0.0289</b>	<b>0.9741</b>	<b>0.0605</b>	<b>1.0346</b>	<b>0.2658</b>	<b>0.0579</b>	<b>0.3236</b>		<b>3,158.376 3</b>	<b>3,158.376 3</b>	<b>0.1637</b>	<b>0.4800</b>	<b>3,305.497 4</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>4.2807</b>	<b>1.2427</b>	<b>5.5233</b>	<b>0.6481</b>	<b>1.1553</b>	<b>1.8034</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1808	7.1666	1.6715	0.0266	0.7696	0.0575	0.8271	0.2110	0.0550	0.2660		2,921.975 1	2,921.975 1	0.1566	0.4639	3,064.122 7
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.2459</b>	<b>7.4032</b>	<b>2.2889</b>	<b>0.0289</b>	<b>0.9741</b>	<b>0.0605</b>	<b>1.0346</b>	<b>0.2658</b>	<b>0.0579</b>	<b>0.3236</b>		<b>3,158.376 3</b>	<b>3,158.376 3</b>	<b>0.1637</b>	<b>0.4800</b>	<b>3,305.497 4</b>

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.061 9	3,686.061 9	1.1922		3,715.865 5
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.061 9</b>	<b>3,686.061 9</b>	<b>1.1922</b>		<b>3,715.865 5</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0652	0.0477	0.6202	1.7200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		173.3539	173.3539	4.8700e-003	4.6700e-003	174.8680
<b>Total</b>	<b>0.0724</b>	<b>0.2419</b>	<b>0.6864</b>	<b>2.4900e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9700e-003</b>	<b>0.0637</b>		<b>255.6628</b>	<b>255.6628</b>	<b>7.6200e-003</b>	<b>0.0166</b>	<b>260.8045</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0652	0.0477	0.6202	1.7200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		173.3539	173.3539	4.8700e-003	4.6700e-003	174.8680
<b>Total</b>	<b>0.0724</b>	<b>0.2419</b>	<b>0.6864</b>	<b>2.4900e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9700e-003</b>	<b>0.0637</b>		<b>255.6628</b>	<b>255.6628</b>	<b>7.6200e-003</b>	<b>0.0166</b>	<b>260.8045</b>

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.8300e-003	0.1916	0.0447	7.1000e-004	0.0206	1.5400e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.1277	78.1277	4.1900e-003	0.0124	81.9284
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.0699</b>	<b>0.4283</b>	<b>0.6621</b>	<b>3.0000e-003</b>	<b>0.2250</b>	<b>4.5600e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3200e-003</b>	<b>0.0648</b>		<b>314.5289</b>	<b>314.5289</b>	<b>0.0113</b>	<b>0.0285</b>	<b>323.3031</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.9409</b>	<b>4.1285</b>	<b>1.5412</b>	<b>0.8656</b>	<b>2.4068</b>	<b>0.0000</b>	<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.8300e-003	0.1916	0.0447	7.1000e-004	0.0206	1.5400e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.1277	78.1277	4.1900e-003	0.0124	81.9284
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.0699</b>	<b>0.4283</b>	<b>0.6621</b>	<b>3.0000e-003</b>	<b>0.2250</b>	<b>4.5600e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3200e-003</b>	<b>0.0648</b>		<b>314.5289</b>	<b>314.5289</b>	<b>0.0113</b>	<b>0.0285</b>	<b>323.3031</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0681	1.8454	0.6280	7.2700e-003	0.2433	0.0186	0.2619	0.0701	0.0178	0.0878		781.9348	781.9348	0.0261	0.1135	816.3968
Worker	0.3477	0.2544	3.3079	9.1500e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		924.5539	924.5539	0.0260	0.0249	932.6294
<b>Total</b>	<b>0.4158</b>	<b>2.0997</b>	<b>3.9360</b>	<b>0.0164</b>	<b>1.3164</b>	<b>0.0250</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3783</b>		<b>1,706.4887</b>	<b>1,706.4887</b>	<b>0.0521</b>	<b>0.1384</b>	<b>1,749.0262</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0681	1.8454	0.6280	7.2700e-003	0.2433	0.0186	0.2619	0.0701	0.0178	0.0878		781.9348	781.9348	0.0261	0.1135	816.3968
Worker	0.3477	0.2544	3.3079	9.1500e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		924.5539	924.5539	0.0260	0.0249	932.6294
<b>Total</b>	<b>0.4158</b>	<b>2.0997</b>	<b>3.9360</b>	<b>0.0164</b>	<b>1.3164</b>	<b>0.0250</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3783</b>		<b>1,706.4887</b>	<b>1,706.4887</b>	<b>0.0521</b>	<b>0.1384</b>	<b>1,749.0262</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.4478	0.5606	6.9300e-003	0.2433	8.0700e-003	0.2514	0.0701	7.7200e-003	0.0778		746.2643	746.2643	0.0249	0.1081	779.1101
Worker	0.3235	0.2249	3.0476	8.8500e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		894.8793	894.8793	0.0233	0.0230	902.3216
<b>Total</b>	<b>0.3637</b>	<b>1.6727</b>	<b>3.6081</b>	<b>0.0158</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3305</b>	<b>0.3546</b>	<b>0.0133</b>	<b>0.3679</b>		<b>1,641.1436</b>	<b>1,641.1436</b>	<b>0.0483</b>	<b>0.1312</b>	<b>1,681.4316</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.4478	0.5606	6.9300e-003	0.2433	8.0700e-003	0.2514	0.0701	7.7200e-003	0.0778		746.2643	746.2643	0.0249	0.1081	779.1101
Worker	0.3235	0.2249	3.0476	8.8500e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		894.8793	894.8793	0.0233	0.0230	902.3216
<b>Total</b>	<b>0.3637</b>	<b>1.6727</b>	<b>3.6081</b>	<b>0.0158</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3305</b>	<b>0.3546</b>	<b>0.0133</b>	<b>0.3679</b>		<b>1,641.1436</b>	<b>1,641.1436</b>	<b>0.0483</b>	<b>0.1312</b>	<b>1,681.4316</b>

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0539	0.0375	0.5079	1.4800e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		149.1466	149.1466	3.8900e-003	3.8400e-003	150.3869
<b>Total</b>	<b>0.0582</b>	<b>0.1899</b>	<b>0.5669</b>	<b>2.2100e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>227.7007</b>	<b>227.7007</b>	<b>6.5100e-003</b>	<b>0.0152</b>	<b>232.3985</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0539	0.0375	0.5079	1.4800e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		149.1466	149.1466	3.8900e-003	3.8400e-003	150.3869
<b>Total</b>	<b>0.0582</b>	<b>0.1899</b>	<b>0.5669</b>	<b>2.2100e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>227.7007</b>	<b>227.7007</b>	<b>6.5100e-003</b>	<b>0.0152</b>	<b>232.3985</b>

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0674	0.0469	0.6349	1.8400e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		186.4332	186.4332	4.8600e-003	4.7900e-003	187.9837
<b>Total</b>	<b>0.0716</b>	<b>0.1993</b>	<b>0.6939</b>	<b>2.5700e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>264.9873</b>	<b>264.9873</b>	<b>7.4800e-003</b>	<b>0.0162</b>	<b>269.9952</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0674	0.0469	0.6349	1.8400e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		186.4332	186.4332	4.8600e-003	4.7900e-003	187.9837
<b>Total</b>	<b>0.0716</b>	<b>0.1993</b>	<b>0.6939</b>	<b>2.5700e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>264.9873</b>	<b>264.9873</b>	<b>7.4800e-003</b>	<b>0.0162</b>	<b>269.9952</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Unmitigated	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>



5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project - South Coast AQMD Air District, Winter

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

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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated**

**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

## 5006 &amp; 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91
tblVehicleTrips	WD_TR	1.74	1.71

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**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					
2022	0.1724	1.7941	1.3520	2.9300e-003	0.5728	0.0800	0.6529	0.2497	0.0739	0.3236	0.0000	261.6391	261.6391	0.0670	5.8600e-003	265.0589
2023	0.6672	0.9979	1.2570	2.6600e-003	0.0775	0.0447	0.1222	0.0209	0.0420	0.0629	0.0000	236.8219	236.8219	0.0383	7.0500e-003	239.8824
<b>Maximum</b>	<b>0.6672</b>	<b>1.7941</b>	<b>1.3520</b>	<b>2.9300e-003</b>	<b>0.5728</b>	<b>0.0800</b>	<b>0.6529</b>	<b>0.2497</b>	<b>0.0739</b>	<b>0.3236</b>	<b>0.0000</b>	<b>261.6391</b>	<b>261.6391</b>	<b>0.0670</b>	<b>7.0500e-003</b>	<b>265.0589</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					
2022	0.0836	1.1076	1.4672	2.9300e-003	0.2754	0.0221	0.2976	0.1171	0.0206	0.1378	0.0000	261.6388	261.6388	0.0670	5.8600e-003	265.0586
2023	0.6442	0.9493	1.2960	2.6600e-003	0.0775	0.0272	0.1047	0.0209	0.0254	0.0463	0.0000	236.8217	236.8217	0.0383	7.0500e-003	239.8822
<b>Maximum</b>	<b>0.6442</b>	<b>1.1076</b>	<b>1.4672</b>	<b>2.9300e-003</b>	<b>0.2754</b>	<b>0.0272</b>	<b>0.2976</b>	<b>0.1171</b>	<b>0.0254</b>	<b>0.1378</b>	<b>0.0000</b>	<b>261.6388</b>	<b>261.6388</b>	<b>0.0670</b>	<b>7.0500e-003</b>	<b>265.0586</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	13.32	26.33	-5.91	0.00	45.73	60.49	48.11	48.99	60.30	52.38	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	0.9718	0.5140
2	9-1-2022	11-30-2022	0.7571	0.4811
3	12-1-2022	2-28-2023	0.6062	0.5450
4	3-1-2023	5-31-2023	0.5890	0.5481
5	6-1-2023	8-31-2023	0.7339	0.7299
		Highest	0.9718	0.7299

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.6684	1,084.6684	0.0346	0.0988	1,114.9610
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3322</b>	<b>3.8638</b>	<b>0.0143</b>	<b>0.8542</b>	<b>0.0490</b>	<b>0.9032</b>	<b>0.2308</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.5843</b>	<b>1,567.1745</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,663.9824</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.6684	1,084.6684	0.0346	0.0988	1,114.9610
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3322</b>	<b>3.8638</b>	<b>0.0143</b>	<b>0.8542</b>	<b>0.0490</b>	<b>0.9032</b>	<b>0.2308</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.5843</b>	<b>1,567.1745</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,663.9824</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

3	Grading	Grading	7/16/2022	12/6/2022	5	102
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133
5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 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					
Fugitive Dust					0.0713	0.0000	0.0713	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4927	25.4927	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0713</b>	<b>9.3200e-003</b>	<b>0.0807</b>	<b>0.0108</b>	<b>8.6600e-003</b>	<b>0.0195</b>	<b>0.0000</b>	<b>25.4927</b>	<b>25.4927</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	1.3800e-003	0.0542	0.0124	2.0000e-004	5.6800e-003	4.3000e-004	6.1100e-003	1.5600e-003	4.1000e-004	1.9700e-003	0.0000	19.8765	19.8765	1.0700e-003	3.1600e-003	20.8435
Vendor	5.0000e-005	1.4600e-003	4.9000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.5599	0.5599	2.0000e-005	8.0000e-005	0.5845
Worker	4.0000e-004	3.3000e-004	4.2500e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0645	1.0645	3.0000e-005	3.0000e-005	1.0738
<b>Total</b>	<b>1.8300e-003</b>	<b>0.0560</b>	<b>0.0171</b>	<b>2.2000e-004</b>	<b>7.1900e-003</b>	<b>4.5000e-004</b>	<b>7.6300e-003</b>	<b>1.9600e-003</b>	<b>4.3000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>21.5009</b>	<b>21.5009</b>	<b>1.1200e-003</b>	<b>3.2700e-003</b>	<b>22.5019</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 2022**

**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					0.0321	0.0000	0.0321	4.8600e-003	0.0000	4.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5100e-003	0.0904	0.1701	2.9000e-004		2.2000e-003	2.2000e-003		2.0500e-003	2.0500e-003	0.0000	25.4926	25.4926	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>7.5100e-003</b>	<b>0.0904</b>	<b>0.1701</b>	<b>2.9000e-004</b>	<b>0.0321</b>	<b>2.2000e-003</b>	<b>0.0343</b>	<b>4.8600e-003</b>	<b>2.0500e-003</b>	<b>6.9100e-003</b>	<b>0.0000</b>	<b>25.4926</b>	<b>25.4926</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	1.3800e-003	0.0542	0.0124	2.0000e-004	5.6800e-003	4.3000e-004	6.1100e-003	1.5600e-003	4.1000e-004	1.9700e-003	0.0000	19.8765	19.8765	1.0700e-003	3.1600e-003	20.8435
Vendor	5.0000e-005	1.4600e-003	4.9000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.5599	0.5599	2.0000e-005	8.0000e-005	0.5845
Worker	4.0000e-004	3.3000e-004	4.2500e-003	1.0000e-005	1.3200e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0645	1.0645	3.0000e-005	3.0000e-005	1.0738
<b>Total</b>	<b>1.8300e-003</b>	<b>0.0560</b>	<b>0.0171</b>	<b>2.2000e-004</b>	<b>7.1900e-003</b>	<b>4.5000e-004</b>	<b>7.6300e-003</b>	<b>1.9600e-003</b>	<b>4.3000e-004</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>21.5009</b>	<b>21.5009</b>	<b>1.1200e-003</b>	<b>3.2700e-003</b>	<b>22.5019</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.1081	0.0000	0.1081	0.0556	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0955	30.0955	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.1081</b>	<b>0.0145</b>	<b>0.1226</b>	<b>0.0556</b>	<b>0.0134</b>	<b>0.0689</b>	<b>0.0000</b>	<b>30.0955</b>	<b>30.0955</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	6.0000e-005	1.7600e-003	5.8000e-004	1.0000e-005	2.3000e-004	2.0000e-005	2.4000e-004	7.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6718	0.6718	2.0000e-005	1.0000e-004	0.7014
Worker	5.4000e-004	4.4000e-004	5.7400e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4371	1.4371	4.0000e-005	4.0000e-005	1.4496
<b>Total</b>	<b>6.0000e-004</b>	<b>2.2000e-003</b>	<b>6.3200e-003</b>	<b>3.0000e-005</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>3.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.1089</b>	<b>2.1089</b>	<b>6.0000e-005</b>	<b>1.4000e-004</b>	<b>2.1511</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 2022**

**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					0.0487	0.0000	0.0487	0.0250	0.0000	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2700e-003	0.1095	0.2066	3.4000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	30.0954	30.0954	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>6.2700e-003</b>	<b>0.1095</b>	<b>0.2066</b>	<b>3.4000e-004</b>	<b>0.0487</b>	<b>5.6000e-004</b>	<b>0.0492</b>	<b>0.0250</b>	<b>5.6000e-004</b>	<b>0.0256</b>	<b>0.0000</b>	<b>30.0954</b>	<b>30.0954</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	6.0000e-005	1.7600e-003	5.8000e-004	1.0000e-005	2.3000e-004	2.0000e-005	2.4000e-004	7.0000e-005	2.0000e-005	8.0000e-005	0.0000	0.6718	0.6718	2.0000e-005	1.0000e-004	0.7014
Worker	5.4000e-004	4.4000e-004	5.7400e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4371	1.4371	4.0000e-005	4.0000e-005	1.4496
<b>Total</b>	<b>6.0000e-004</b>	<b>2.2000e-003</b>	<b>6.3200e-003</b>	<b>3.0000e-005</b>	<b>2.0100e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>3.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.1089</b>	<b>2.1089</b>	<b>6.0000e-005</b>	<b>1.4000e-004</b>	<b>2.1511</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.4 Grading - 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					
Fugitive Dust					0.3613	0.0000	0.3613	0.1747	0.0000	0.1747	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8793	132.8793	0.0430	0.0000	133.9537
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.3613</b>	<b>0.0480</b>	<b>0.4093</b>	<b>0.1747</b>	<b>0.0441</b>	<b>0.2188</b>	<b>0.0000</b>	<b>132.8793</b>	<b>132.8793</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9537</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	2.5000e-004	9.8600e-003	2.2500e-003	4.0000e-005	1.0300e-003	8.0000e-005	1.1100e-003	2.8000e-004	7.0000e-005	3.6000e-004	0.0000	3.6139	3.6139	1.9000e-004	5.7000e-004	3.7897
Vendor	3.7000e-004	9.9600e-003	3.3100e-003	4.0000e-005	1.2900e-003	1.0000e-004	1.3900e-003	3.7000e-004	1.0000e-004	4.7000e-004	0.0000	3.8070	3.8070	1.3000e-004	5.5000e-004	3.9748
Worker	2.7400e-003	2.2100e-003	0.0289	8.0000e-005	8.9500e-003	5.0000e-005	9.0100e-003	2.3800e-003	5.0000e-005	2.4300e-003	0.0000	7.2387	7.2387	2.0000e-004	2.0000e-004	7.3019
<b>Total</b>	<b>3.3600e-003</b>	<b>0.0220</b>	<b>0.0345</b>	<b>1.6000e-004</b>	<b>0.0113</b>	<b>2.3000e-004</b>	<b>0.0115</b>	<b>3.0300e-003</b>	<b>2.2000e-004</b>	<b>3.2600e-003</b>	<b>0.0000</b>	<b>14.6597</b>	<b>14.6597</b>	<b>5.2000e-004</b>	<b>1.3200e-003</b>	<b>15.0665</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.4 Grading - 2022**

**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					0.1626	0.0000	0.1626	0.0786	0.0000	0.0786	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0493	0.6807	0.8432	1.5100e-003		0.0144	0.0144		0.0134	0.0134	0.0000	132.8792	132.8792	0.0430	0.0000	133.9536
<b>Total</b>	<b>0.0493</b>	<b>0.6807</b>	<b>0.8432</b>	<b>1.5100e-003</b>	<b>0.1626</b>	<b>0.0144</b>	<b>0.1770</b>	<b>0.0786</b>	<b>0.0134</b>	<b>0.0920</b>	<b>0.0000</b>	<b>132.8792</b>	<b>132.8792</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9536</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	2.5000e-004	9.8600e-003	2.2500e-003	4.0000e-005	1.0300e-003	8.0000e-005	1.1100e-003	2.8000e-004	7.0000e-005	3.6000e-004	0.0000	3.6139	3.6139	1.9000e-004	5.7000e-004	3.7897
Vendor	3.7000e-004	9.9600e-003	3.3100e-003	4.0000e-005	1.2900e-003	1.0000e-004	1.3900e-003	3.7000e-004	1.0000e-004	4.7000e-004	0.0000	3.8070	3.8070	1.3000e-004	5.5000e-004	3.9748
Worker	2.7400e-003	2.2100e-003	0.0289	8.0000e-005	8.9500e-003	5.0000e-005	9.0100e-003	2.3800e-003	5.0000e-005	2.4300e-003	0.0000	7.2387	7.2387	2.0000e-004	2.0000e-004	7.3019
<b>Total</b>	<b>3.3600e-003</b>	<b>0.0220</b>	<b>0.0345</b>	<b>1.6000e-004</b>	<b>0.0113</b>	<b>2.3000e-004</b>	<b>0.0115</b>	<b>3.0300e-003</b>	<b>2.2000e-004</b>	<b>3.2600e-003</b>	<b>0.0000</b>	<b>14.6597</b>	<b>14.6597</b>	<b>5.2000e-004</b>	<b>1.3200e-003</b>	<b>15.0665</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.5 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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	6.2000e-004	0.0167	5.5400e-003	7.0000e-005	2.1600e-003	1.7000e-004	2.3200e-003	6.2000e-004	1.6000e-004	7.8000e-004	0.0000	6.3824	6.3824	2.1000e-004	9.3000e-004	6.6637
Worker	2.9000e-003	2.3400e-003	0.0306	8.0000e-005	9.4800e-003	6.0000e-005	9.5400e-003	2.5200e-003	5.0000e-005	2.5700e-003	0.0000	7.6645	7.6645	2.1000e-004	2.1000e-004	7.7314
<b>Total</b>	<b>3.5200e-003</b>	<b>0.0190</b>	<b>0.0362</b>	<b>1.5000e-004</b>	<b>0.0116</b>	<b>2.3000e-004</b>	<b>0.0119</b>	<b>3.1400e-003</b>	<b>2.1000e-004</b>	<b>3.3500e-003</b>	<b>0.0000</b>	<b>14.0469</b>	<b>14.0469</b>	<b>4.2000e-004</b>	<b>1.1400e-003</b>	<b>14.3951</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2022**

**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	0.0112	0.1277	0.1532	2.4000e-004		4.0300e-003	4.0300e-003		3.7700e-003	3.7700e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0112</b>	<b>0.1277</b>	<b>0.1532</b>	<b>2.4000e-004</b>		<b>4.0300e-003</b>	<b>4.0300e-003</b>		<b>3.7700e-003</b>	<b>3.7700e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	6.2000e-004	0.0167	5.5400e-003	7.0000e-005	2.1600e-003	1.7000e-004	2.3200e-003	6.2000e-004	1.6000e-004	7.8000e-004	0.0000	6.3824	6.3824	2.1000e-004	9.3000e-004	6.6637
Worker	2.9000e-003	2.3400e-003	0.0306	8.0000e-005	9.4800e-003	6.0000e-005	9.5400e-003	2.5200e-003	5.0000e-005	2.5700e-003	0.0000	7.6645	7.6645	2.1000e-004	2.1000e-004	7.7314
<b>Total</b>	<b>3.5200e-003</b>	<b>0.0190</b>	<b>0.0362</b>	<b>1.5000e-004</b>	<b>0.0116</b>	<b>2.3000e-004</b>	<b>0.0119</b>	<b>3.1400e-003</b>	<b>2.1000e-004</b>	<b>3.3500e-003</b>	<b>0.0000</b>	<b>14.0469</b>	<b>14.0469</b>	<b>4.2000e-004</b>	<b>1.1400e-003</b>	<b>14.3951</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.5 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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2877	133.2877	0.0317	0.0000	134.0804
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2877</b>	<b>133.2877</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0804</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	2.3600e-003	0.0832	0.0317	4.0000e-004	0.0138	4.6000e-004	0.0142	3.9800e-003	4.4000e-004	4.4200e-003	0.0000	38.8868	38.8868	1.3000e-003	5.6300e-003	40.5984
Worker	0.0172	0.0132	0.1801	5.2000e-004	0.0606	3.5000e-004	0.0609	0.0161	3.2000e-004	0.0164	0.0000	47.3940	47.3940	1.2200e-003	1.2200e-003	47.7879
<b>Total</b>	<b>0.0196</b>	<b>0.0965</b>	<b>0.2118</b>	<b>9.2000e-004</b>	<b>0.0743</b>	<b>8.1000e-004</b>	<b>0.0752</b>	<b>0.0201</b>	<b>7.6000e-004</b>	<b>0.0208</b>	<b>0.0000</b>	<b>86.2808</b>	<b>86.2808</b>	<b>2.5200e-003</b>	<b>6.8500e-003</b>	<b>88.3863</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2023**

**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	0.0674	0.7786	0.9730	1.5500e-003		0.0227	0.0227		0.0212	0.0212	0.0000	133.2876	133.2876	0.0317	0.0000	134.0803
<b>Total</b>	<b>0.0674</b>	<b>0.7786</b>	<b>0.9730</b>	<b>1.5500e-003</b>		<b>0.0227</b>	<b>0.0227</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>133.2876</b>	<b>133.2876</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0803</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	2.3600e-003	0.0832	0.0317	4.0000e-004	0.0138	4.6000e-004	0.0142	3.9800e-003	4.4000e-004	4.4200e-003	0.0000	38.8868	38.8868	1.3000e-003	5.6300e-003	40.5984
Worker	0.0172	0.0132	0.1801	5.2000e-004	0.0606	3.5000e-004	0.0609	0.0161	3.2000e-004	0.0164	0.0000	47.3940	47.3940	1.2200e-003	1.2200e-003	47.7879
<b>Total</b>	<b>0.0196</b>	<b>0.0965</b>	<b>0.2118</b>	<b>9.2000e-004</b>	<b>0.0743</b>	<b>8.1000e-004</b>	<b>0.0752</b>	<b>0.0201</b>	<b>7.6000e-004</b>	<b>0.0208</b>	<b>0.0000</b>	<b>86.2808</b>	<b>86.2808</b>	<b>2.5200e-003</b>	<b>6.8500e-003</b>	<b>88.3863</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.6 Paving - 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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	3.0000e-005	9.1000e-004	3.5000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.4271	0.4271	1.0000e-005	6.0000e-005	0.4459
Worker	3.0000e-004	2.3000e-004	3.1300e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8242	0.8242	2.0000e-005	2.0000e-005	0.8311
<b>Total</b>	<b>3.3000e-004</b>	<b>1.1400e-003</b>	<b>3.4800e-003</b>	<b>1.0000e-005</b>	<b>1.2000e-003</b>	<b>2.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.2514</b>	<b>1.2514</b>	<b>3.0000e-005</b>	<b>8.0000e-005</b>	<b>1.2770</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.6 Paving - 2023**

**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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	3.0000e-005	9.1000e-004	3.5000e-004	0.0000	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	0.0000	5.0000e-005	0.0000	0.4271	0.4271	1.0000e-005	6.0000e-005	0.4459
Worker	3.0000e-004	2.3000e-004	3.1300e-003	1.0000e-005	1.0500e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8242	0.8242	2.0000e-005	2.0000e-005	0.8311
<b>Total</b>	<b>3.3000e-004</b>	<b>1.1400e-003</b>	<b>3.4800e-003</b>	<b>1.0000e-005</b>	<b>1.2000e-003</b>	<b>2.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.2514</b>	<b>1.2514</b>	<b>3.0000e-005</b>	<b>8.0000e-005</b>	<b>1.2770</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.7 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	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	3.0000e-005	1.2200e-003	4.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5695	0.5695	2.0000e-005	8.0000e-005	0.5946
Worker	5.0000e-004	3.8000e-004	5.2200e-003	1.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3737	1.3737	4.0000e-005	4.0000e-005	1.3852
<b>Total</b>	<b>5.3000e-004</b>	<b>1.6000e-003</b>	<b>5.6800e-003</b>	<b>2.0000e-005</b>	<b>1.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>5.3000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.9433</b>	<b>1.9433</b>	<b>6.0000e-005</b>	<b>1.2000e-004</b>	<b>1.9797</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	3.0000e-005	1.2200e-003	4.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5695	0.5695	2.0000e-005	8.0000e-005	0.5946
Worker	5.0000e-004	3.8000e-004	5.2200e-003	1.0000e-005	1.7600e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3737	1.3737	4.0000e-005	4.0000e-005	1.3852
<b>Total</b>	<b>5.3000e-004</b>	<b>1.6000e-003</b>	<b>5.6800e-003</b>	<b>2.0000e-005</b>	<b>1.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9800e-003</b>	<b>5.3000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.9433</b>	<b>1.9433</b>	<b>6.0000e-005</b>	<b>1.2000e-004</b>	<b>1.9797</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.668 4	1,084.668 4	0.0346	0.0988	1,114.961 0
Unmitigated	0.1038	1.2479	2.1380	0.0114	0.8542	0.0114	0.8656	0.2308	0.0108	0.2416	0.0000	1,084.668 4	1,084.668 4	0.0346	0.0988	1,114.961 0

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

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
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
NaturalGas Mitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694
NaturalGas Unmitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**5.3 Energy by Land Use - Electricity**

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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Unmitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003

**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	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.4219	0.8745	0.0212	99.5926
Unmitigated	71.4219	0.8745	0.0212	99.5926

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	24.1275	1.4259	0.0000	59.7749
Unmitigated	24.1275	1.4259	0.0000	59.7749



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Annual

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

**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					
Rough Terrain Forklifts	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
<b>Total</b>	<b>0.0772</b>	<b>1.0216</b>	<b>1.6697</b>	<b>2.5200e-003</b>		<b>0.0328</b>	<b>0.0328</b>		<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>221.0594</b>	<b>221.0594</b>	<b>0.0715</b>	<b>0.0000</b>	<b>222.8467</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**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated**

**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91
tblVehicleTrips	WD_TR	1.74	1.71

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2394	33.3132	22.9084	0.0678	12.2394	1.6157	13.8552	6.2345	1.4865	7.7210	0.0000	6,913.553 2	6,913.553 2	1.2164	0.4795	7,086.861 2
2023	70.0102	15.9700	20.1546	0.0433	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,250.136 3	4,250.136 3	0.7447	0.1295	4,305.136 8
<b>Maximum</b>	<b>70.0102</b>	<b>33.3132</b>	<b>22.9084</b>	<b>0.0678</b>	<b>12.2394</b>	<b>1.6157</b>	<b>13.8552</b>	<b>6.2345</b>	<b>1.4865</b>	<b>7.7210</b>	<b>0.0000</b>	<b>6,913.553 2</b>	<b>6,913.553 2</b>	<b>1.2164</b>	<b>0.4795</b>	<b>7,086.861 2</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	lb/day										lb/day					
2022	1.6471	19.1482	24.9995	0.0678	5.6325	0.4725	5.6977	2.8389	0.4423	2.9040	0.0000	6,913.553 2	6,913.553 2	1.2164	0.4795	7,086.861 2
2023	70.0102	15.1252	20.8323	0.0433	1.3164	0.5850	1.7250	0.3546	0.5439	0.7370	0.0000	4,250.136 3	4,250.136 3	0.7447	0.1295	4,305.136 8
<b>Maximum</b>	<b>70.0102</b>	<b>19.1482</b>	<b>24.9995</b>	<b>0.0678</b>	<b>5.6325</b>	<b>0.5850</b>	<b>5.6977</b>	<b>2.8389</b>	<b>0.5439</b>	<b>2.9040</b>	<b>0.0000</b>	<b>6,913.553 2</b>	<b>6,913.553 2</b>	<b>1.2164</b>	<b>0.4795</b>	<b>7,086.861 2</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.17	30.46	-6.43	0.00	48.74	54.61	53.27	51.53	54.31	58.38	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6913</b>	<b>12.4088</b>	<b>22.0536</b>	<b>0.0800</b>	<b>4.7781</b>	<b>0.2688</b>	<b>5.0469</b>	<b>1.2890</b>	<b>0.2510</b>	<b>1.5400</b>	<b>0.0000</b>	<b>8,463.2854</b>	<b>8,463.2854</b>	<b>0.6495</b>	<b>0.6005</b>	<b>8,658.4641</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6913</b>	<b>12.4088</b>	<b>22.0536</b>	<b>0.0800</b>	<b>4.7781</b>	<b>0.2688</b>	<b>5.0469</b>	<b>1.2890</b>	<b>0.2510</b>	<b>1.5400</b>	<b>0.0000</b>	<b>8,463.2854</b>	<b>8,463.2854</b>	<b>0.6495</b>	<b>0.6005</b>	<b>8,658.4641</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**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	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1859	6.8649	1.6406	0.0266	0.7696	0.0574	0.8270	0.2110	0.0549	0.2659		2,920.899 1	2,920.899 1	0.1569	0.4637	3,062.999 7
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.2483</b>	<b>7.0898</b>	<b>2.3143</b>	<b>0.0290</b>	<b>0.9741</b>	<b>0.0604</b>	<b>1.0345</b>	<b>0.2658</b>	<b>0.0578</b>	<b>0.3235</b>		<b>3,166.772 0</b>	<b>3,166.772 0</b>	<b>0.1639</b>	<b>0.4795</b>	<b>3,313.769 1</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	1.0008	12.0584	22.6852	0.0388		0.2940	0.2940		0.2734	0.2734	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>1.0008</b>	<b>12.0584</b>	<b>22.6852</b>	<b>0.0388</b>	<b>4.2807</b>	<b>0.2940</b>	<b>4.5746</b>	<b>0.6481</b>	<b>0.2734</b>	<b>0.9215</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1859	6.8649	1.6406	0.0266	0.7696	0.0574	0.8270	0.2110	0.0549	0.2659		2,920.899 1	2,920.899 1	0.1569	0.4637	3,062.999 7
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.2483</b>	<b>7.0898</b>	<b>2.3143</b>	<b>0.0290</b>	<b>0.9741</b>	<b>0.0604</b>	<b>1.0345</b>	<b>0.2658</b>	<b>0.0578</b>	<b>0.3235</b>		<b>3,166.772 0</b>	<b>3,166.772 0</b>	<b>0.1639</b>	<b>0.4795</b>	<b>3,313.769 1</b>

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.061 9	3,686.061 9	1.1922		3,715.865 5
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.061 9</b>	<b>3,686.061 9</b>	<b>1.1922</b>		<b>3,715.865 5</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0620	0.0436	0.6861	1.8200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		184.0558	184.0558	4.8100e-003	4.4000e-003	185.4883
<b>Total</b>	<b>0.0693</b>	<b>0.2297</b>	<b>0.7499</b>	<b>2.5800e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9600e-003</b>	<b>0.0637</b>		<b>266.3236</b>	<b>266.3236</b>	<b>7.5700e-003</b>	<b>0.0163</b>	<b>271.3793</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.6967</b>	<b>12.1620</b>	<b>22.9600</b>	<b>0.0380</b>	<b>5.4057</b>	<b>0.0621</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.0621</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0620	0.0436	0.6861	1.8200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		184.0558	184.0558	4.8100e-003	4.4000e-003	185.4883
<b>Total</b>	<b>0.0693</b>	<b>0.2297</b>	<b>0.7499</b>	<b>2.5800e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9600e-003</b>	<b>0.0637</b>		<b>266.3236</b>	<b>266.3236</b>	<b>7.5700e-003</b>	<b>0.0163</b>	<b>271.3793</b>

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9700e-003	0.1836	0.0439	7.1000e-004	0.0206	1.5300e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.0989	78.0989	4.2000e-003	0.0124	81.8984
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.0674</b>	<b>0.4084</b>	<b>0.7176</b>	<b>3.0900e-003</b>	<b>0.2250</b>	<b>4.5500e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3100e-003</b>	<b>0.0648</b>		<b>323.9718</b>	<b>323.9718</b>	<b>0.0112</b>	<b>0.0282</b>	<b>332.6679</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	0.9657	13.3462	16.5337	0.0297		0.2823	0.2823		0.2620	0.2620	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>0.9657</b>	<b>13.3462</b>	<b>16.5337</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.2823</b>	<b>3.4699</b>	<b>1.5412</b>	<b>0.2620</b>	<b>1.8032</b>	<b>0.0000</b>	<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9700e-003	0.1836	0.0439	7.1000e-004	0.0206	1.5300e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.0989	78.0989	4.2000e-003	0.0124	81.8984
Vendor	7.2900e-003	0.1861	0.0638	7.6000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8600e-003	9.2400e-003		82.2677	82.2677	2.7600e-003	0.0119	85.8909
Worker	0.0551	0.0388	0.6099	1.6200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		163.6052	163.6052	4.2800e-003	3.9100e-003	164.8785
<b>Total</b>	<b>0.0674</b>	<b>0.4084</b>	<b>0.7176</b>	<b>3.0900e-003</b>	<b>0.2250</b>	<b>4.5500e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3100e-003</b>	<b>0.0648</b>		<b>323.9718</b>	<b>323.9718</b>	<b>0.0112</b>	<b>0.0282</b>	<b>332.6679</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0693	1.7682	0.6062	7.2700e-003	0.2433	0.0185	0.2618	0.0701	0.0177	0.0877		781.5435	781.5435	0.0262	0.1133	815.9639
Worker	0.3305	0.2325	3.6592	9.7100e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		981.6310	981.6310	0.0257	0.0235	989.2712
<b>Total</b>	<b>0.3998</b>	<b>2.0007</b>	<b>4.2654</b>	<b>0.0170</b>	<b>1.3164</b>	<b>0.0249</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3782</b>		<b>1,763.1745</b>	<b>1,763.1745</b>	<b>0.0519</b>	<b>0.1368</b>	<b>1,805.2350</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2473	14.1908	17.0172	0.0269		0.4476	0.4476		0.4187	0.4187	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.2473</b>	<b>14.1908</b>	<b>17.0172</b>	<b>0.0269</b>		<b>0.4476</b>	<b>0.4476</b>		<b>0.4187</b>	<b>0.4187</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0693	1.7682	0.6062	7.2700e-003	0.2433	0.0185	0.2618	0.0701	0.0177	0.0877		781.5435	781.5435	0.0262	0.1133	815.9639
Worker	0.3305	0.2325	3.6592	9.7100e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		981.6310	981.6310	0.0257	0.0235	989.2712
<b>Total</b>	<b>0.3998</b>	<b>2.0007</b>	<b>4.2654</b>	<b>0.0170</b>	<b>1.3164</b>	<b>0.0249</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3782</b>		<b>1,763.1745</b>	<b>1,763.1745</b>	<b>0.0519</b>	<b>0.1368</b>	<b>1,805.2350</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0420	1.3794	0.5431	6.9200e-003	0.2433	8.0300e-003	0.2514	0.0701	7.6800e-003	0.0777		744.9175	744.9175	0.0250	0.1078	777.6800
Worker	0.3065	0.2057	3.3676	9.4000e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		950.0089	950.0089	0.0230	0.0217	957.0507
<b>Total</b>	<b>0.3485</b>	<b>1.5851</b>	<b>3.9106</b>	<b>0.0163</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3304</b>	<b>0.3546</b>	<b>0.0132</b>	<b>0.3679</b>		<b>1,694.9264</b>	<b>1,694.9264</b>	<b>0.0481</b>	<b>0.1295</b>	<b>1,734.7307</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1729	13.5401	16.9217	0.0269		0.3945	0.3945		0.3691	0.3691	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.1729</b>	<b>13.5401</b>	<b>16.9217</b>	<b>0.0269</b>		<b>0.3945</b>	<b>0.3945</b>		<b>0.3691</b>	<b>0.3691</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0420	1.3794	0.5431	6.9200e-003	0.2433	8.0300e-003	0.2514	0.0701	7.6800e-003	0.0777		744.9175	744.9175	0.0250	0.1078	777.6800
Worker	0.3065	0.2057	3.3676	9.4000e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		950.0089	950.0089	0.0230	0.0217	957.0507
<b>Total</b>	<b>0.3485</b>	<b>1.5851</b>	<b>3.9106</b>	<b>0.0163</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3304</b>	<b>0.3546</b>	<b>0.0132</b>	<b>0.3679</b>		<b>1,694.9264</b>	<b>1,694.9264</b>	<b>0.0481</b>	<b>0.1295</b>	<b>1,734.7307</b>

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0511	0.0343	0.5613	1.5700e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		158.3348	158.3348	3.8400e-003	3.6200e-003	159.5085
<b>Total</b>	<b>0.0555</b>	<b>0.1795</b>	<b>0.6184</b>	<b>2.3000e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>236.7472</b>	<b>236.7472</b>	<b>6.4800e-003</b>	<b>0.0150</b>	<b>241.3695</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0511	0.0343	0.5613	1.5700e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		158.3348	158.3348	3.8400e-003	3.6200e-003	159.5085
<b>Total</b>	<b>0.0555</b>	<b>0.1795</b>	<b>0.6184</b>	<b>2.3000e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>236.7472</b>	<b>236.7472</b>	<b>6.4800e-003</b>	<b>0.0150</b>	<b>241.3695</b>

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0639	0.0429	0.7016	1.9600e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		197.9185	197.9185	4.8000e-003	4.5200e-003	199.3856
<b>Total</b>	<b>0.0683</b>	<b>0.1881</b>	<b>0.7587</b>	<b>2.6900e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>276.3309</b>	<b>276.3309</b>	<b>7.4400e-003</b>	<b>0.0159</b>	<b>281.2466</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4200e-003	0.1452	0.0572	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1800e-003		78.4124	78.4124	2.6400e-003	0.0114	81.8611
Worker	0.0639	0.0429	0.7016	1.9600e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		197.9185	197.9185	4.8000e-003	4.5200e-003	199.3856
<b>Total</b>	<b>0.0683</b>	<b>0.1881</b>	<b>0.7587</b>	<b>2.6900e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>276.3309</b>	<b>276.3309</b>	<b>7.4400e-003</b>	<b>0.0159</b>	<b>281.2466</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211
Unmitigated	0.6133	6.4669	12.5883	0.0641	4.7781	0.0628	4.8409	1.2890	0.0593	1.3483		6,715.0959	6,715.0959	0.2096	0.5929	6,897.0211

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Summer

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated**

**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	95.00	96.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	19.00	20.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91
tblVehicleTrips	WD_TR	1.74	1.71

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2425	33.3255	22.8830	0.0678	12.2394	1.6157	13.8552	6.2345	1.4865	7.7210	0.0000	6,905.1575	6,905.1575	1.2161	0.4800	7,078.5895
2023	70.0162	16.0576	19.8521	0.0427	1.3164	0.7138	2.0302	0.3546	0.6717	1.0263	0.0000	4,196.3536	4,196.3536	0.7448	0.1312	4,251.8377
<b>Maximum</b>	<b>70.0162</b>	<b>33.3255</b>	<b>22.8830</b>	<b>0.0678</b>	<b>12.2394</b>	<b>1.6157</b>	<b>13.8552</b>	<b>6.2345</b>	<b>1.4865</b>	<b>7.7210</b>	<b>0.0000</b>	<b>6,905.1575</b>	<b>6,905.1575</b>	<b>1.2161</b>	<b>0.4800</b>	<b>7,078.5895</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	lb/day										lb/day					
2022	1.6630	19.4617	24.9741	0.0678	5.6325	0.4726	5.6977	2.8389	0.4423	2.9040	0.0000	6,905.1575	6,905.1575	1.2161	0.4800	7,078.5895
2023	70.0162	15.2128	20.5299	0.0427	1.3164	0.5850	1.7250	0.3546	0.5439	0.7370	0.0000	4,196.3536	4,196.3536	0.7448	0.1312	4,251.8377
<b>Maximum</b>	<b>70.0162</b>	<b>19.4617</b>	<b>24.9741</b>	<b>0.0678</b>	<b>5.6325</b>	<b>0.5850</b>	<b>5.6977</b>	<b>2.8389</b>	<b>0.5439</b>	<b>2.9040</b>	<b>0.0000</b>	<b>6,905.1575</b>	<b>6,905.1575</b>	<b>1.2161</b>	<b>0.4800</b>	<b>7,078.5895</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.16	29.78	-6.48	0.00	48.74	54.60	53.27	51.53	54.30	58.38	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6512</b>	<b>12.7379</b>	<b>20.9454</b>	<b>0.0782</b>	<b>4.7781</b>	<b>0.2689</b>	<b>5.0470</b>	<b>1.2890</b>	<b>0.2511</b>	<b>1.5401</b>	<b>0.0000</b>	<b>8,281.0664</b>	<b>8,281.0664</b>	<b>0.6492</b>	<b>0.6053</b>	<b>8,477.6754</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.6512</b>	<b>12.7379</b>	<b>20.9454</b>	<b>0.0782</b>	<b>4.7781</b>	<b>0.2689</b>	<b>5.0470</b>	<b>1.2890</b>	<b>0.2511</b>	<b>1.5401</b>	<b>0.0000</b>	<b>8,281.0664</b>	<b>8,281.0664</b>	<b>0.6492</b>	<b>0.6053</b>	<b>8,477.6754</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**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	16.00	4.00	660.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	4.00	120.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1808	7.1666	1.6715	0.0266	0.7696	0.0575	0.8271	0.2110	0.0550	0.2660		2,921.975 1	2,921.975 1	0.1566	0.4639	3,064.122 7
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.2459</b>	<b>7.4032</b>	<b>2.2889</b>	<b>0.0289</b>	<b>0.9741</b>	<b>0.0605</b>	<b>1.0346</b>	<b>0.2658</b>	<b>0.0579</b>	<b>0.3236</b>		<b>3,158.376 3</b>	<b>3,158.376 3</b>	<b>0.1637</b>	<b>0.4800</b>	<b>3,305.497 4</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	1.0008	12.0584	22.6852	0.0388		0.2940	0.2940		0.2734	0.2734	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>1.0008</b>	<b>12.0584</b>	<b>22.6852</b>	<b>0.0388</b>	<b>4.2807</b>	<b>0.2940</b>	<b>4.5746</b>	<b>0.6481</b>	<b>0.2734</b>	<b>0.9215</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1808	7.1666	1.6715	0.0266	0.7696	0.0575	0.8271	0.2110	0.0550	0.2660		2,921.975 1	2,921.975 1	0.1566	0.4639	3,064.122 7
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.2459</b>	<b>7.4032</b>	<b>2.2889</b>	<b>0.0289</b>	<b>0.9741</b>	<b>0.0605</b>	<b>1.0346</b>	<b>0.2658</b>	<b>0.0579</b>	<b>0.3236</b>		<b>3,158.376 3</b>	<b>3,158.376 3</b>	<b>0.1637</b>	<b>0.4800</b>	<b>3,305.497 4</b>

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.061 9	3,686.061 9	1.1922		3,715.865 5
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.061 9</b>	<b>3,686.061 9</b>	<b>1.1922</b>		<b>3,715.865 5</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0652	0.0477	0.6202	1.7200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		173.3539	173.3539	4.8700e-003	4.6700e-003	174.8680
<b>Total</b>	<b>0.0724</b>	<b>0.2419</b>	<b>0.6864</b>	<b>2.4900e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9700e-003</b>	<b>0.0637</b>		<b>255.6628</b>	<b>255.6628</b>	<b>7.6200e-003</b>	<b>0.0166</b>	<b>260.8045</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.6967</b>	<b>12.1620</b>	<b>22.9600</b>	<b>0.0380</b>	<b>5.4057</b>	<b>0.0621</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.0621</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0652	0.0477	0.6202	1.7200e-003	0.2012	1.2000e-003	0.2024	0.0534	1.1000e-003	0.0545		173.3539	173.3539	4.8700e-003	4.6700e-003	174.8680
<b>Total</b>	<b>0.0724</b>	<b>0.2419</b>	<b>0.6864</b>	<b>2.4900e-003</b>	<b>0.2268</b>	<b>3.1500e-003</b>	<b>0.2300</b>	<b>0.0607</b>	<b>2.9700e-003</b>	<b>0.0637</b>		<b>255.6628</b>	<b>255.6628</b>	<b>7.6200e-003</b>	<b>0.0166</b>	<b>260.8045</b>

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.8300e-003	0.1916	0.0447	7.1000e-004	0.0206	1.5400e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.1277	78.1277	4.1900e-003	0.0124	81.9284
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.0699</b>	<b>0.4283</b>	<b>0.6621</b>	<b>3.0000e-003</b>	<b>0.2250</b>	<b>4.5600e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3200e-003</b>	<b>0.0648</b>		<b>314.5289</b>	<b>314.5289</b>	<b>0.0113</b>	<b>0.0285</b>	<b>323.3031</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	0.9657	13.3462	16.5337	0.0297		0.2823	0.2823		0.2620	0.2620	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>0.9657</b>	<b>13.3462</b>	<b>16.5337</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.2823</b>	<b>3.4699</b>	<b>1.5412</b>	<b>0.2620</b>	<b>1.8032</b>	<b>0.0000</b>	<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.8300e-003	0.1916	0.0447	7.1000e-004	0.0206	1.5400e-003	0.0221	5.6400e-003	1.4700e-003	7.1100e-003		78.1277	78.1277	4.1900e-003	0.0124	81.9284
Vendor	7.1600e-003	0.1943	0.0661	7.7000e-004	0.0256	1.9500e-003	0.0276	7.3700e-003	1.8700e-003	9.2400e-003		82.3089	82.3089	2.7500e-003	0.0119	85.9365
Worker	0.0580	0.0424	0.5513	1.5200e-003	0.1788	1.0700e-003	0.1799	0.0474	9.8000e-004	0.0484		154.0923	154.0923	4.3300e-003	4.1500e-003	155.4382
<b>Total</b>	<b>0.0699</b>	<b>0.4283</b>	<b>0.6621</b>	<b>3.0000e-003</b>	<b>0.2250</b>	<b>4.5600e-003</b>	<b>0.2296</b>	<b>0.0604</b>	<b>4.3200e-003</b>	<b>0.0648</b>		<b>314.5289</b>	<b>314.5289</b>	<b>0.0113</b>	<b>0.0285</b>	<b>323.3031</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0681	1.8454	0.6280	7.2700e-003	0.2433	0.0186	0.2619	0.0701	0.0178	0.0878		781.9348	781.9348	0.0261	0.1135	816.3968
Worker	0.3477	0.2544	3.3079	9.1500e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		924.5539	924.5539	0.0260	0.0249	932.6294
<b>Total</b>	<b>0.4158</b>	<b>2.0997</b>	<b>3.9360</b>	<b>0.0164</b>	<b>1.3164</b>	<b>0.0250</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3783</b>		<b>1,706.4887</b>	<b>1,706.4887</b>	<b>0.0521</b>	<b>0.1384</b>	<b>1,749.0262</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2473	14.1908	17.0172	0.0269		0.4476	0.4476		0.4187	0.4187	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.2473</b>	<b>14.1908</b>	<b>17.0172</b>	<b>0.0269</b>		<b>0.4476</b>	<b>0.4476</b>		<b>0.4187</b>	<b>0.4187</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0681	1.8454	0.6280	7.2700e-003	0.2433	0.0186	0.2619	0.0701	0.0178	0.0878		781.9348	781.9348	0.0261	0.1135	816.3968
Worker	0.3477	0.2544	3.3079	9.1500e-003	1.0731	6.4000e-003	1.0795	0.2846	5.8900e-003	0.2905		924.5539	924.5539	0.0260	0.0249	932.6294
<b>Total</b>	<b>0.4158</b>	<b>2.0997</b>	<b>3.9360</b>	<b>0.0164</b>	<b>1.3164</b>	<b>0.0250</b>	<b>1.3413</b>	<b>0.3546</b>	<b>0.0236</b>	<b>0.3783</b>		<b>1,706.4887</b>	<b>1,706.4887</b>	<b>0.0521</b>	<b>0.1384</b>	<b>1,749.0262</b>

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.4478	0.5606	6.9300e-003	0.2433	8.0700e-003	0.2514	0.0701	7.7200e-003	0.0778		746.2643	746.2643	0.0249	0.1081	779.1101
Worker	0.3235	0.2249	3.0476	8.8500e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		894.8793	894.8793	0.0233	0.0230	902.3216
<b>Total</b>	<b>0.3637</b>	<b>1.6727</b>	<b>3.6081</b>	<b>0.0158</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3305</b>	<b>0.3546</b>	<b>0.0133</b>	<b>0.3679</b>		<b>1,641.1436</b>	<b>1,641.1436</b>	<b>0.0483</b>	<b>0.1312</b>	<b>1,681.4316</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1729	13.5401	16.9217	0.0269		0.3945	0.3945		0.3691	0.3691	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.1729</b>	<b>13.5401</b>	<b>16.9217</b>	<b>0.0269</b>		<b>0.3945</b>	<b>0.3945</b>		<b>0.3691</b>	<b>0.3691</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.4478	0.5606	6.9300e-003	0.2433	8.0700e-003	0.2514	0.0701	7.7200e-003	0.0778		746.2643	746.2643	0.0249	0.1081	779.1101
Worker	0.3235	0.2249	3.0476	8.8500e-003	1.0731	6.0200e-003	1.0791	0.2846	5.5500e-003	0.2901		894.8793	894.8793	0.0233	0.0230	902.3216
<b>Total</b>	<b>0.3637</b>	<b>1.6727</b>	<b>3.6081</b>	<b>0.0158</b>	<b>1.3164</b>	<b>0.0141</b>	<b>1.3305</b>	<b>0.3546</b>	<b>0.0133</b>	<b>0.3679</b>		<b>1,641.1436</b>	<b>1,641.1436</b>	<b>0.0483</b>	<b>0.1312</b>	<b>1,681.4316</b>

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0539	0.0375	0.5079	1.4800e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		149.1466	149.1466	3.8900e-003	3.8400e-003	150.3869
<b>Total</b>	<b>0.0582</b>	<b>0.1899</b>	<b>0.5669</b>	<b>2.2100e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>227.7007</b>	<b>227.7007</b>	<b>6.5100e-003</b>	<b>0.0152</b>	<b>232.3985</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0539	0.0375	0.5079	1.4800e-003	0.1788	1.0000e-003	0.1799	0.0474	9.2000e-004	0.0484		149.1466	149.1466	3.8900e-003	3.8400e-003	150.3869
<b>Total</b>	<b>0.0582</b>	<b>0.1899</b>	<b>0.5669</b>	<b>2.2100e-003</b>	<b>0.2045</b>	<b>1.8500e-003</b>	<b>0.2063</b>	<b>0.0548</b>	<b>1.7300e-003</b>	<b>0.0565</b>		<b>227.7007</b>	<b>227.7007</b>	<b>6.5100e-003</b>	<b>0.0152</b>	<b>232.3985</b>

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0674	0.0469	0.6349	1.8400e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		186.4332	186.4332	4.8600e-003	4.7900e-003	187.9837
<b>Total</b>	<b>0.0716</b>	<b>0.1993</b>	<b>0.6939</b>	<b>2.5700e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>264.9873</b>	<b>264.9873</b>	<b>7.4800e-003</b>	<b>0.0162</b>	<b>269.9952</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2300e-003	0.1524	0.0590	7.3000e-004	0.0256	8.5000e-004	0.0265	7.3700e-003	8.1000e-004	8.1900e-003		78.5541	78.5541	2.6200e-003	0.0114	82.0116
Worker	0.0674	0.0469	0.6349	1.8400e-003	0.2236	1.2600e-003	0.2248	0.0593	1.1600e-003	0.0604		186.4332	186.4332	4.8600e-003	4.7900e-003	187.9837
<b>Total</b>	<b>0.0716</b>	<b>0.1993</b>	<b>0.6939</b>	<b>2.5700e-003</b>	<b>0.2492</b>	<b>2.1100e-003</b>	<b>0.2513</b>	<b>0.0667</b>	<b>1.9700e-003</b>	<b>0.0686</b>		<b>264.9873</b>	<b>264.9873</b>	<b>7.4800e-003</b>	<b>0.0162</b>	<b>269.9952</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324
Unmitigated	0.5732	6.7960	11.4801	0.0623	4.7781	0.0629	4.8410	1.2890	0.0594	1.3484		6,532.8769	6,532.8769	0.2093	0.5977	6,716.2324

**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		
General Light Industry	169.98	169.98	169.98	1,037,334	1,037,334
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.01	138.01	138.01	1,159,036	1,159,036
<b>Total</b>	<b>307.98</b>	<b>307.98</b>	<b>307.98</b>	<b>2,196,370</b>	<b>2,196,370</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - Natural Gas**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
Land Use	kBTU/yr	lb/day										lb/day							
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	
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488		
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227		
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>		

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel



5006 & 5010 Mission Boulevard Warehouse Project Mitigated - South Coast AQMD Air District, Winter

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**5006 & 5010 Mission Boulevard Warehouse Project LST**

**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	0.00
tblTripsAndVMT	HaulingTripNumber	120.00	0.00
tblTripsAndVMT	VendorTripNumber	37.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	1.74	0.00

**2.0 Emissions Summary**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	12.0126	1.6126	13.6252	6.1737	1.4836	7.6573	0.0000	3,746.7812	3,746.7812	1.1922	0.0000	3,773.0920
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.7308	0.0000	2,570.4061
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.0920</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	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	5.4057	1.6126	7.0183	2.7782	1.4836	4.2617	0.0000	3,746.7812	3,746.7812	1.1922	0.0000	3,773.0920
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.7308	0.0000	2,570.4061
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	55.00	0.00	46.12	55.00	0.00	40.83	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>4.2807</b>	<b>1.2427</b>	<b>5.5233</b>	<b>0.6481</b>	<b>1.1553</b>	<b>1.8034</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

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

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.9409</b>	<b>4.1285</b>	<b>1.5412</b>	<b>0.8656</b>	<b>2.4068</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

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

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

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

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

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

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

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

**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		
General Light Industry	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - 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	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Summer

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**5006 & 5010 Mission Boulevard Warehouse Project LST**

**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10	<b>Operational Year</b>	2023		
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	0.00
tblTripsAndVMT	HaulingTripNumber	120.00	0.00
tblTripsAndVMT	VendorTripNumber	37.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	1.74	0.00

**2.0 Emissions Summary**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	12.0126	1.6126	13.6252	6.1737	1.4836	7.6573	0.0000	3,746.7812	3,746.7812	1.1922	0.0000	3,773.0920
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.7308	0.0000	2,570.4061
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.0920</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	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	5.4057	1.6126	7.0183	2.7782	1.4836	4.2617	0.0000	3,746.7812	3,746.7812	1.1922	0.0000	3,773.0920
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.7308	0.0000	2,570.4061
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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	ROG	NOx	CO	SO2	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	55.00	0.00	46.12	55.00	0.00	40.83	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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**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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>4.2807</b>	<b>1.2427</b>	<b>5.5233</b>	<b>0.6481</b>	<b>1.1553</b>	<b>1.8034</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>5.4057</b>	<b>1.6126</b>	<b>7.0183</b>	<b>2.7782</b>	<b>1.4836</b>	<b>4.2617</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

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

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.9409</b>	<b>4.1285</b>	<b>1.5412</b>	<b>0.8656</b>	<b>2.4068</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

Mitigated Construction Off-Site

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

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

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

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

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

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

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

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

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

**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		
General Light Industry	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714



5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas s Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e- 003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e- 003	6.6100e- 003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non- Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e- 003	0.0436	0.0366	2.6000e- 004		3.3100e- 003	3.3100e- 003		3.3100e- 003	3.3100e- 003		52.3118	52.3118	1.0000e- 003	9.6000e- 004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e- 003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e- 003</b>	<b>7.5700e- 003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project LST - South Coast AQMD Air District, Winter

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST**

**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	10.00	18.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	0.00
tblTripsAndVMT	HaulingTripNumber	120.00	0.00
tblTripsAndVMT	VendorTripNumber	37.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	1.74	0.00

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	1.74	0.00

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	12.0126	1.6126	13.6252	6.1737	1.4836	7.6573	0.0000	3,746.781 2	3,746.781 2	1.1922	0.0000	3,773.092 0
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.7308	0.0000	2,570.406 1
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.092 0</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	lb/day										lb/day					
2022	1.2473	14.1908	22.9600	0.0388	5.4057	0.4476	5.4678	2.7782	0.4187	2.8403	0.0000	3,746.781 2	3,746.781 2	1.1922	0.0000	3,773.092 0
2023	69.8865	13.5401	16.9217	0.0269	0.0000	0.5810	0.5810	0.0000	0.5402	0.5402	0.0000	2,555.209 9	2,555.209 9	0.7308	0.0000	2,570.406 1
<b>Maximum</b>	<b>69.8865</b>	<b>14.1908</b>	<b>22.9600</b>	<b>0.0388</b>	<b>5.4057</b>	<b>0.5810</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.5402</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.63	41.58	-7.82	0.00	55.00	55.51	57.77	55.00	55.23	59.35	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**2.2 Overall Operational**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	1.0008	12.0584	22.6852	0.0388		0.2940	0.2940		0.2734	0.2734	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>1.0008</b>	<b>12.0584</b>	<b>22.6852</b>	<b>0.0388</b>	<b>4.2807</b>	<b>0.2940</b>	<b>4.5746</b>	<b>0.6481</b>	<b>0.2734</b>	<b>0.9215</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.6967</b>	<b>12.1620</b>	<b>22.9600</b>	<b>0.0380</b>	<b>5.4057</b>	<b>0.0621</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.0621</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

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

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	0.9657	13.3462	16.5337	0.0297		0.2823	0.2823		0.2620	0.2620	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>0.9657</b>	<b>13.3462</b>	<b>16.5337</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.2823</b>	<b>3.4699</b>	<b>1.5412</b>	<b>0.2620</b>	<b>1.8032</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2473	14.1908	17.0172	0.0269		0.4476	0.4476		0.4187	0.4187	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.2473</b>	<b>14.1908</b>	<b>17.0172</b>	<b>0.0269</b>		<b>0.4476</b>	<b>0.4476</b>		<b>0.4187</b>	<b>0.4187</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2022**

Mitigated Construction Off-Site

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

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1729	13.5401	16.9217	0.0269		0.3945	0.3945		0.3691	0.3691	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.1729</b>	<b>13.5401</b>	<b>16.9217</b>	<b>0.0269</b>		<b>0.3945</b>	<b>0.3945</b>		<b>0.3691</b>	<b>0.3691</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

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

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

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

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

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

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

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

**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		
General Light Industry	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Summer

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

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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST**

**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	10.00	18.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripNumber	659.00	0.00
tblTripsAndVMT	HaulingTripNumber	120.00	0.00
tblTripsAndVMT	VendorTripNumber	37.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	1.74	0.00



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	1.74	0.00

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.1701	33.0835	20.5941	0.0388	12.0126	1.6126	13.6252	6.1737	1.4836	7.6573	0.0000	3,746.781 2	3,746.781 2	1.1922	0.0000	3,773.092 0
2023	69.8865	14.3849	16.3953	0.0269	0.0000	0.6997	0.6997	0.0000	0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.7308	0.0000	2,570.406 1
<b>Maximum</b>	<b>69.8865</b>	<b>33.0835</b>	<b>20.5941</b>	<b>0.0388</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.092 0</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	lb/day										lb/day					
2022	1.2473	14.1908	22.9600	0.0388	5.4057	0.4476	5.4678	2.7782	0.4187	2.8403	0.0000	3,746.781 2	3,746.781 2	1.1922	0.0000	3,773.092 0
2023	69.8865	13.5401	16.9217	0.0269	0.0000	0.5810	0.5810	0.0000	0.5402	0.5402	0.0000	2,555.209 9	2,555.209 9	0.7308	0.0000	2,570.406 1
<b>Maximum</b>	<b>69.8865</b>	<b>14.1908</b>	<b>22.9600</b>	<b>0.0388</b>	<b>5.4057</b>	<b>0.5810</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.5402</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.1922</b>	<b>0.0000</b>	<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.63	41.58	-7.82	0.00	55.00	55.51	57.77	55.00	55.23	59.35	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Energy	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Offroad	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>3.0780</b>	<b>5.9419</b>	<b>9.4653</b>	<b>0.0159</b>	<b>0.0000</b>	<b>0.2061</b>	<b>0.2061</b>	<b>0.0000</b>	<b>0.1917</b>	<b>0.1917</b>	<b>0.0000</b>	<b>1,748.1896</b>	<b>1,748.1896</b>	<b>0.4399</b>	<b>7.5700e-003</b>	<b>1,761.4430</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	
3	Grading	Grading	7/16/2022	12/6/2022	5	102	
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**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	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					9.5126	0.0000	9.5126	1.4403	0.0000	1.4403			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>9.5126</b>	<b>1.2427</b>	<b>10.7552</b>	<b>1.4403</b>	<b>1.1553</b>	<b>2.5956</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2807	0.0000	4.2807	0.6481	0.0000	0.6481			0.0000			0.0000
Off-Road	1.0008	12.0584	22.6852	0.0388		0.2940	0.2940		0.2734	0.2734	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>1.0008</b>	<b>12.0584</b>	<b>22.6852</b>	<b>0.0388</b>	<b>4.2807</b>	<b>0.2940</b>	<b>4.5746</b>	<b>0.6481</b>	<b>0.2734</b>	<b>0.9215</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.2 Demolition - 2022**

**Mitigated Construction Off-Site**

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

**3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					12.0126	0.0000	12.0126	6.1737	0.0000	6.1737			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>12.0126</b>	<b>1.6126</b>	<b>13.6252</b>	<b>6.1737</b>	<b>1.4836</b>	<b>7.6573</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4057	0.0000	5.4057	2.7782	0.0000	2.7782			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.6967</b>	<b>12.1620</b>	<b>22.9600</b>	<b>0.0380</b>	<b>5.4057</b>	<b>0.0621</b>	<b>5.4678</b>	<b>2.7782</b>	<b>0.0621</b>	<b>2.8403</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.3 Site Preparation - 2022**

**Mitigated Construction Off-Site**

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

**3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					7.0837	0.0000	7.0837	3.4249	0.0000	3.4249			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0837</b>	<b>0.9409</b>	<b>8.0245</b>	<b>3.4249</b>	<b>0.8656</b>	<b>4.2905</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1876	0.0000	3.1876	1.5412	0.0000	1.5412			0.0000			0.0000
Off-Road	0.9657	13.3462	16.5337	0.0297		0.2823	0.2823		0.2620	0.2620	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>0.9657</b>	<b>13.3462</b>	<b>16.5337</b>	<b>0.0297</b>	<b>3.1876</b>	<b>0.2823</b>	<b>3.4699</b>	<b>1.5412</b>	<b>0.2620</b>	<b>1.8032</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2473	14.1908	17.0172	0.0269		0.4476	0.4476		0.4187	0.4187	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.2473</b>	<b>14.1908</b>	<b>17.0172</b>	<b>0.0269</b>		<b>0.4476</b>	<b>0.4476</b>		<b>0.4187</b>	<b>0.4187</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

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

**3.5 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	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1729	13.5401	16.9217	0.0269		0.3945	0.3945		0.3691	0.3691	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.1729</b>	<b>13.5401</b>	<b>16.9217</b>	<b>0.0269</b>		<b>0.3945</b>	<b>0.3945</b>		<b>0.3691</b>	<b>0.3691</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

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

**3.6 Paving - 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3952</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

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

**3.7 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	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

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

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	68.2996					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>68.4913</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

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

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

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

**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		
General Light Industry	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714
NaturalGas Unmitigated	0.0379	0.3441	0.2890	2.0600e-003		0.0262	0.0262		0.0262	0.0262		412.9177	412.9177	7.9100e-003	7.5700e-003	415.3714

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3065.15	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	444.651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
General Light Industry	3.06515	0.0331	0.3005	0.2524	1.8000e-003		0.0228	0.0228		0.0228	0.0228		360.6059	360.6059	6.9100e-003	6.6100e-003	362.7488
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	0.444651	4.8000e-003	0.0436	0.0366	2.6000e-004		3.3100e-003	3.3100e-003		3.3100e-003	3.3100e-003		52.3118	52.3118	1.0000e-003	9.6000e-004	52.6227
<b>Total</b>		<b>0.0379</b>	<b>0.3441</b>	<b>0.2890</b>	<b>2.0600e-003</b>		<b>0.0262</b>	<b>0.0262</b>		<b>0.0262</b>	<b>0.0262</b>		<b>412.9177</b>	<b>412.9177</b>	<b>7.9100e-003</b>	<b>7.5700e-003</b>	<b>415.3714</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
Unmitigated	2.6171	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2994					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.3152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.5100e-003	2.5000e-004	0.0271	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0581	0.0581	1.5000e-004		0.0619
<b>Total</b>	<b>2.6171</b>	<b>2.5000e-004</b>	<b>0.0271</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0581</b>	<b>0.0581</b>	<b>1.5000e-004</b>		<b>0.0619</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project Mitigated LST - South Coast AQMD Air District, Winter

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

**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	lb/day										lb/day					
Rough Terrain Forklifts	0.4231	5.5976	9.1491	0.0138		0.1798	0.1798		0.1654	0.1654	0.0000	1,335.2138	1,335.2138	0.4318		1,346.0097
<b>Total</b>	<b>0.4231</b>	<b>5.5976</b>	<b>9.1491</b>	<b>0.0138</b>		<b>0.1798</b>	<b>0.1798</b>		<b>0.1654</b>	<b>0.1654</b>	<b>0.0000</b>	<b>1,335.2138</b>	<b>1,335.2138</b>	<b>0.4318</b>		<b>1,346.0097</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**



**1. Electric Lift Vehicles - Energy Consumption**

Vehicle Category	Lift Capacity (lbs)	Electric Motors	Drive Motor Capacity		Facility Operation (hrs/day)	Vehicle Operation				Electric Energy Consumption per Unit		Units	Total Energy Consumption	
			(hp)	(kW)		Load Factor <sup>4</sup>	(days/week)	(weeks/yr)	(hrs/year)	(kWhr/day/Unit)	(kWhr/yr/Unit)		(kWhr/day)	(kWhr/yr)
Pallet Jack <sup>1</sup>	3,300	Drive Motor Capacity	0.7	8	0.2	7	52	582.4	1.12	407.68		0.00	0.00	
		Lift Motor Capacity	0.8	8	0.05	7	52	145.6	0.32	116.48		0.00	0.00	
Small Forklift <sup>2</sup>	3,086-4,409	Drive Motor Capacity	11	8	0.2	7	52	582.4	17.60	6,406.40	11	193.60	70,470.40	
		Lift Motor Capacity	10	8	0.05	7	52	145.6	4.00	1,456.00		44.00	16,016.00	
Large Forklift <sup>3</sup>	7,000-11,000	Drive Motor Capacity	24	8	0.2	7	52	582.4	28.80	10,483.20		0.00	0.00	
		Lift Motor Capacity	27	8	0.05	7	52	145.6	8.00	2,912.00		0.00	0.00	
<b>Total</b>												<b>237.60</b>	<b>86,486.40</b>	

<sup>1</sup>Based on Global Industrial™ 3300 LB. CAPACITY SELF-PROPELLED ELECTRIC POWER PALLET JACK TRUCK

[https://www.globalindustrial.com/p/material-handling/pallet-trucks-jacks/self-propelled/global-industrial-self-propelled-electric-power-pallet-jack-truck-3300-lb-cap?infoParam.campaignId=T9F&gclid=CjwKCAjw\\_sn8BRBrEiwAnUGJdsnUx19IvgquuJTz2DOx51UqkSAlg9VO22XpkzJZWyl-FmMiqFRaeRoCOqEQAvD\\_BwE](https://www.globalindustrial.com/p/material-handling/pallet-trucks-jacks/self-propelled/global-industrial-self-propelled-electric-power-pallet-jack-truck-3300-lb-cap?infoParam.campaignId=T9F&gclid=CjwKCAjw_sn8BRBrEiwAnUGJdsnUx19IvgquuJTz2DOx51UqkSAlg9VO22XpkzJZWyl-FmMiqFRaeRoCOqEQAvD_BwE)

<sup>2</sup>Based on CAT Model EP12ANT - EP20ANT

<https://www.catlifttruck.com/lift-trucks/counterbalance-forklift-trucks/electric-powered-lift-trucks/ep14-20acnt>

<sup>3</sup>Based on CAT Model 2EPC7000 - 2EP11000

<https://www.logisnextamericas.com/-/media/mcfa/sites/portal/files/forklifts/cat-lift-trucks/sales%20literature/clt-i-2epc7000-2ep11000-english.pdf>

<sup>4</sup>Drive motor load factor based on CalEEMod User Manual Table 3.3 for offroad forklift load factor  
Lift motor load factor set equal of 25% of drive motor capacity factor based on engineering estimate.

**2. Electric Lift Vehicles - Greenhouse Gas (GHG) Emissions**

Vehicle Category	Lift Capacity (lbs)	Electric Motors	Total Energy Consumption		GHG Intensity Factors <sup>1</sup>				Annual GHG Emissions			
			(kWhr/day)	(kWhr/yr)	CO2	CH4	N2O	CO <sub>2</sub> e	CO2	CH4	N2O	CO <sub>2</sub> e
					(lb/MWhr)				(Metric TPY)			
Pallet Jack	3,300	Drive Motor Capacity	0	0.00	390.98	0.033	0.004	392.997	0	0	0	0
		Lift Motor Capacity	0	0.00	390.98	0.033	0.004	392.997	0	0	0	0
Small Forklift	3,086-4,409	Drive Motor Capacity	193.6	70,470.40	390.98	0.033	0.004	392.997	12.50	0.00	0.00	12.56
		Lift Motor Capacity	44	16,016.00	390.98	0.033	0.004	392.997	2.84	0.00	0.00	2.86
Large Forklift	7,000-11,000	Drive Motor Capacity	0	0.00	390.98	0.033	0.004	392.997	0.00	0.00	0.00	0.00
		Lift Motor Capacity	0	0.00	390.98	0.033	0.004	392.997	0.00	0.00	0.00	0.00
<b>Total</b>								<b>15.34</b>	<b>0.00</b>	<b>0.00</b>	<b>15.42</b>	

<sup>1</sup>Based on CalEEMod default values for the Utility



### Quantification of Commercial EV Charging Station Benefit

SCE Electricity Emission Factor <sup>1</sup>	0.18	MT CO <sub>2</sub> e/MWh
Fuel Economy of Electric Vehicle <sup>2</sup>	0.4	kWh/mile
Gasoline/Diesel CO <sub>2</sub> e Emission while Running <sup>3</sup>	316	g/mile
Annual VMT per Parking Spot <sup>4</sup>	52,000	miles/charging station/year
Number of EV Parking Spots Provided by Project <sup>5</sup>	7	
Annual VMT All Stations (Based on Charge)	364,000	miles/year
GHG Emissions of Gasoline/Diesel Vehicle <sup>6</sup>	115	MT CO <sub>2</sub> e/year
GHG Emissions of Electric Vehicle <sup>7</sup>	26	MT CO <sub>2</sub> e/year
GHG Emissions Reduction <sup>8</sup>	89	MT CO <sub>2</sub> e/year
GHG Reduction per Parking Space with Charging per Year	13	MT CO <sub>2</sub> e/year

#### Notes:

1. Based on default emission factor within CalEEMod.
2. US Department of Energy. 2013. Benefits and Considerations of Electricity as a Vehicle Fuel. [https://www.afdc.energy.gov/fuels/electricity\\_benefits.html](https://www.afdc.energy.gov/fuels/electricity_benefits.html). Accessed October 2018.
3. California Air Resources Board. 2021. EMFAC 2021. Running exhaust emission rate for CO<sub>2</sub> for light duty gasoline- and diesel-powered vehicles for South Coast Air Basin, aggregated for all models and speeds, averaged over all seasons for 2024. <https://www.arb.ca.gov/emfac/>. Accessed March 2021.
4. Annual VMT reduction estimated based on an estimate of 8 hours of charge time for a Level 2 charging station that charges at a rate of 25 miles of driving range per hour.
5. Number of charging stations based on project commitment. This assumes 43 parking spaces would be serviced by a charging station.
6. GHG emissions calculated using annual VMT reduction at all stations.
7. GHG emissions calculated using annual VMT reduction at all stations, fuel economy of electric vehicles, along with SCE electricity intensity emission factor.
8. GHG emission reduction is a difference of GHG emissions of gasoline vehicles and GHG emissions of electric vehicles.

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**5006 & 5010 Mission Boulevard Warehouse Project HRA**

**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10	<b>Operational Year</b>	2023		
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.



5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98

## 5006 &amp; 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91
tblVehicleTrips	WD_TR	1.74	1.71

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**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					
2022	0.1639	1.7109	1.2693	2.4100e-003	0.5409	0.0791	0.6200	0.2411	0.0730	0.3141	0.0000	211.8209	211.8209	0.0650	3.9000e-004	213.5614
2023	0.6482	0.9265	1.0577	1.7500e-003	4.5000e-004	0.0439	0.0443	1.3000e-004	0.0413	0.0414	0.0000	151.6553	151.6553	0.0359	6.7000e-004	152.7518
<b>Maximum</b>	<b>0.6482</b>	<b>1.7109</b>	<b>1.2693</b>	<b>2.4100e-003</b>	<b>0.5409</b>	<b>0.0791</b>	<b>0.6200</b>	<b>0.2411</b>	<b>0.0730</b>	<b>0.3141</b>	<b>0.0000</b>	<b>211.8209</b>	<b>211.8209</b>	<b>0.0650</b>	<b>6.7000e-004</b>	<b>213.5614</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					
2022	0.1639	1.7109	1.2693	2.4100e-003	0.2435	0.0791	0.3226	0.1085	0.0730	0.1816	0.0000	211.8206	211.8206	0.0650	3.9000e-004	213.5611
2023	0.6482	0.9265	1.0577	1.7500e-003	4.5000e-004	0.0439	0.0443	1.3000e-004	0.0413	0.0414	0.0000	151.6551	151.6551	0.0359	6.7000e-004	152.7516
<b>Maximum</b>	<b>0.6482</b>	<b>1.7109</b>	<b>1.2693</b>	<b>2.4100e-003</b>	<b>0.2435</b>	<b>0.0791</b>	<b>0.3226</b>	<b>0.1085</b>	<b>0.0730</b>	<b>0.1816</b>	<b>0.0000</b>	<b>211.8206</b>	<b>211.8206</b>	<b>0.0650</b>	<b>6.7000e-004</b>	<b>213.5611</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	54.93	0.00	44.76	54.96	0.00	37.29	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	0.9155	0.9155
2	9-1-2022	11-30-2022	0.7438	0.7438
3	12-1-2022	2-28-2023	0.5554	0.5554
4	3-1-2023	5-31-2023	0.5405	0.5405
5	6-1-2023	8-31-2023	0.7263	0.7263
		Highest	0.9155	0.9155

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3327</b>	<b>3.8640</b>	<b>0.0143</b>	<b>0.8543</b>	<b>0.0490</b>	<b>0.9034</b>	<b>0.2309</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.8778</b>	<b>1,567.4679</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,664.2878</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3327</b>	<b>3.8640</b>	<b>0.0143</b>	<b>0.8543</b>	<b>0.0490</b>	<b>0.9034</b>	<b>0.2309</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.8778</b>	<b>1,567.4679</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,664.2878</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	



5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

3	Grading	Grading	7/16/2022	12/6/2022	5	102
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133
5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	0.00	4.00	660.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	4.00	120.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	38.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 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					
Fugitive Dust					0.0713	0.0000	0.0713	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4927	25.4927	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0713</b>	<b>9.3200e-003</b>	<b>0.0807</b>	<b>0.0108</b>	<b>8.6600e-003</b>	<b>0.0195</b>	<b>0.0000</b>	<b>25.4927</b>	<b>25.4927</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	3.6000e-004	6.9200e-003	4.8500e-003	1.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.0745	1.0745	3.0000e-005	1.7000e-004	1.1260
Vendor	2.0000e-005	3.9000e-004	2.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0602	0.0602	0.0000	1.0000e-005	0.0631
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>3.8000e-004</b>	<b>7.3100e-003</b>	<b>5.1300e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.1347</b>	<b>1.1347</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>1.1890</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 2022**

**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					0.0321	0.0000	0.0321	4.8600e-003	0.0000	4.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4926	25.4926	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0321</b>	<b>9.3200e-003</b>	<b>0.0414</b>	<b>4.8600e-003</b>	<b>8.6600e-003</b>	<b>0.0135</b>	<b>0.0000</b>	<b>25.4926</b>	<b>25.4926</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	3.6000e-004	6.9200e-003	4.8500e-003	1.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.0745	1.0745	3.0000e-005	1.7000e-004	1.1260
Vendor	2.0000e-005	3.9000e-004	2.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0602	0.0602	0.0000	1.0000e-005	0.0631
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>3.8000e-004</b>	<b>7.3100e-003</b>	<b>5.1300e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.1347</b>	<b>1.1347</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>1.1890</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.1081	0.0000	0.1081	0.0556	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0955	30.0955	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.1081</b>	<b>0.0145</b>	<b>0.1226</b>	<b>0.0556</b>	<b>0.0134</b>	<b>0.0689</b>	<b>0.0000</b>	<b>30.0955</b>	<b>30.0955</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	2.0000e-005	4.7000e-004	3.3000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0723	0.0723	0.0000	1.0000e-005	0.0757
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>2.0000e-005</b>	<b>4.7000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0723</b>	<b>0.0723</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0757</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 2022**

**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					0.0487	0.0000	0.0487	0.0250	0.0000	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0954	30.0954	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.0487</b>	<b>0.0145</b>	<b>0.0632</b>	<b>0.0250</b>	<b>0.0134</b>	<b>0.0384</b>	<b>0.0000</b>	<b>30.0954</b>	<b>30.0954</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	2.0000e-005	4.7000e-004	3.3000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0723	0.0723	0.0000	1.0000e-005	0.0757
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>2.0000e-005</b>	<b>4.7000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0723</b>	<b>0.0723</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0757</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.4 Grading - 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					
Fugitive Dust					0.3613	0.0000	0.3613	0.1747	0.0000	0.1747	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8793	132.8793	0.0430	0.0000	133.9537
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.3613</b>	<b>0.0480</b>	<b>0.4093</b>	<b>0.1747</b>	<b>0.0441</b>	<b>0.2188</b>	<b>0.0000</b>	<b>132.8793</b>	<b>132.8793</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9537</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	7.0000e-005	1.2600e-003	8.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1954	0.1954	1.0000e-005	3.0000e-005	0.2047
Vendor	1.4000e-004	2.6400e-003	1.9000e-003	0.0000	4.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.4094	0.4094	1.0000e-005	6.0000e-005	0.4288
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>2.1000e-004</b>	<b>3.9000e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6048</b>	<b>0.6048</b>	<b>2.0000e-005</b>	<b>9.0000e-005</b>	<b>0.6335</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.4 Grading - 2022**

**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					0.1626	0.0000	0.1626	0.0786	0.0000	0.0786	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8792	132.8792	0.0430	0.0000	133.9536
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.1626</b>	<b>0.0480</b>	<b>0.2106</b>	<b>0.0786</b>	<b>0.0441</b>	<b>0.1227</b>	<b>0.0000</b>	<b>132.8792</b>	<b>132.8792</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9536</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	7.0000e-005	1.2600e-003	8.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1954	0.1954	1.0000e-005	3.0000e-005	0.2047
Vendor	1.4000e-004	2.6400e-003	1.9000e-003	0.0000	4.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.4094	0.4094	1.0000e-005	6.0000e-005	0.4288
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>2.1000e-004</b>	<b>3.9000e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6048</b>	<b>0.6048</b>	<b>2.0000e-005</b>	<b>9.0000e-005</b>	<b>0.6335</b>



5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.5 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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	2.3000e-004	4.4300e-003	3.1800e-003	1.0000e-005	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.6864	0.6864	2.0000e-005	1.1000e-004	0.7188
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>2.3000e-004</b>	<b>4.4300e-003</b>	<b>3.1800e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6864</b>	<b>0.6864</b>	<b>2.0000e-005</b>	<b>1.1000e-004</b>	<b>0.7188</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2022**

**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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	2.3000e-004	4.4300e-003	3.1800e-003	1.0000e-005	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.6864	0.6864	2.0000e-005	1.1000e-004	0.7188
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>2.3000e-004</b>	<b>4.4300e-003</b>	<b>3.1800e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6864</b>	<b>0.6864</b>	<b>2.0000e-005</b>	<b>1.1000e-004</b>	<b>0.7188</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.5 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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2877	133.2877	0.0317	0.0000	134.0804
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2877</b>	<b>133.2877</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0804</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	1.4200e-003	0.0271	0.0211	4.0000e-005	4.4000e-004	3.0000e-005	4.6000e-004	1.3000e-004	3.0000e-005	1.6000e-004	0.0000	4.2011	4.2011	1.4000e-004	6.5000e-004	4.3997
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>1.4200e-003</b>	<b>0.0271</b>	<b>0.0211</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>4.6000e-004</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.2011</b>	<b>4.2011</b>	<b>1.4000e-004</b>	<b>6.5000e-004</b>	<b>4.3997</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2023**

**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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2876	133.2876	0.0317	0.0000	134.0803
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2876</b>	<b>133.2876</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0803</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	1.4200e-003	0.0271	0.0211	4.0000e-005	4.4000e-004	3.0000e-005	4.6000e-004	1.3000e-004	3.0000e-005	1.6000e-004	0.0000	4.2011	4.2011	1.4000e-004	6.5000e-004	4.3997
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>1.4200e-003</b>	<b>0.0271</b>	<b>0.0211</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>4.6000e-004</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.2011</b>	<b>4.2011</b>	<b>1.4000e-004</b>	<b>6.5000e-004</b>	<b>4.3997</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.6 Paving - 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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	2.0000e-005	3.0000e-004	2.3000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0462	0.0462	0.0000	1.0000e-005	0.0483
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>2.0000e-005</b>	<b>3.0000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0462</b>	<b>0.0462</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0483</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.6 Paving - 2023**

**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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	2.0000e-005	3.0000e-004	2.3000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0462	0.0462	0.0000	1.0000e-005	0.0483
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>2.0000e-005</b>	<b>3.0000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0462</b>	<b>0.0462</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0483</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.7 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	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	2.0000e-005	4.0000e-004	3.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0615	0.0615	0.0000	1.0000e-005	0.0644
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>2.0000e-005</b>	<b>4.0000e-004</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0615</b>	<b>0.0615</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0644</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	2.0000e-005	4.0000e-004	3.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0615	0.0615	0.0000	1.0000e-005	0.0644
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>2.0000e-005</b>	<b>4.0000e-004</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0615</b>	<b>0.0615</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0644</b>



5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Unmitigated	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664

**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		
General Light Industry	169.89	169.89	169.89	1,036,992	1,036,992
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.08	138.08	138.08	1,159,698	1,159,698
<b>Total</b>	<b>307.97</b>	<b>307.97</b>	<b>307.97</b>	<b>2,196,690</b>	<b>2,196,690</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

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
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
NaturalGas Mitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694
NaturalGas Unmitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - 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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - Natural Gas**

**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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**5.3 Energy by Land Use - Electricity**

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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Unmitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003

**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	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>



5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.4219	0.8745	0.0212	99.5926
Unmitigated	71.4219	0.8745	0.0212	99.5926

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	24.1275	1.4259	0.0000	59.7749
Unmitigated	24.1275	1.4259	0.0000	59.7749

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel

5006 & 5010 Mission Boulevard Warehouse Project HRA - South Coast AQMD Air District, Annual

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

**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					
Rough Terrain Forklifts	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
<b>Total</b>	<b>0.0772</b>	<b>1.0216</b>	<b>1.6697</b>	<b>2.5200e-003</b>		<b>0.0328</b>	<b>0.0328</b>		<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>221.0594</b>	<b>221.0594</b>	<b>0.0715</b>	<b>0.0000</b>	<b>222.8467</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**



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA**

**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	34.60	1000sqft	0.79	34,605.00	0
Unrefrigerated Warehouse-No Rail	80.75	1000sqft	1.85	80,745.00	0
Other Asphalt Surfaces	0.42	Acre	0.42	18,295.20	0
Other Non-Asphalt Surfaces	11.00	1000sqft	0.25	11,000.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
City Park	0.58	Acre	0.58	25,264.80	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - Based on applicant provided information.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on applicant provided information.

Grading - Based on applicant provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on trip rates from trip generation letter.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. Mitigation measure MM-AQ-1 with Tier 4 Interim construction equipment.

Operational Off-Road Equipment - Based on SCAQMD High-Cube Warehouse Business Survey

Fleet Mix - Based on vehicle mix from trip gen letter.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	20.00	102.00
tblConstructionPhase	NumDays	230.00	133.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	16.00
tblFleetMix	HHD	9.1370e-003	0.04
tblFleetMix	HHD	9.1370e-003	0.22
tblFleetMix	LDA	0.54	0.47
tblFleetMix	LDA	0.54	0.33
tblFleetMix	LDT1	0.06	0.24
tblFleetMix	LDT1	0.06	0.16
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.16
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	LHD2	6.3530e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MH	3.7910e-003	0.00
tblFleetMix	MHD	0.01	0.02
tblFleetMix	MHD	0.01	0.13

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	OBUS	8.1200e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	SBUS	7.5000e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblFleetMix	UBUS	5.0900e-004	0.00
tblGrading	MaterialExported	0.00	962.00
tblLandUse	LandUseSquareFeet	34,600.00	34,605.00
tblLandUse	LandUseSquareFeet	80,750.00	80,745.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	4.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	659.00	660.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	37.00	38.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	95.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	19.00	0.00
tblVehicleTrips	CC_TL	8.40	17.98
tblVehicleTrips	CC_TL	8.40	24.74
tblVehicleTrips	CNW_TL	6.90	17.98
tblVehicleTrips	CNW_TL	6.90	24.74
tblVehicleTrips	CW_TL	16.60	17.98
tblVehicleTrips	CW_TL	16.60	24.74
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.99	4.91
tblVehicleTrips	ST_TR	1.74	1.71
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	5.00	4.91
tblVehicleTrips	SU_TR	1.74	1.71
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	4.96	4.91
tblVehicleTrips	WD_TR	1.74	1.71

**2.0 Emissions Summary**

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5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**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					
2022	0.1639	1.7109	1.2693	2.4100e-003	0.5409	0.0791	0.6200	0.2411	0.0730	0.3141	0.0000	211.8209	211.8209	0.0650	3.9000e-004	213.5614
2023	0.6482	0.9265	1.0577	1.7500e-003	4.5000e-004	0.0439	0.0443	1.3000e-004	0.0413	0.0414	0.0000	151.6553	151.6553	0.0359	6.7000e-004	152.7518
<b>Maximum</b>	<b>0.6482</b>	<b>1.7109</b>	<b>1.2693</b>	<b>2.4100e-003</b>	<b>0.5409</b>	<b>0.0791</b>	<b>0.6200</b>	<b>0.2411</b>	<b>0.0730</b>	<b>0.3141</b>	<b>0.0000</b>	<b>211.8209</b>	<b>211.8209</b>	<b>0.0650</b>	<b>6.7000e-004</b>	<b>213.5614</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					
2022	0.0751	1.0244	1.3846	2.4100e-003	0.2435	0.0212	0.2647	0.1085	0.0198	0.1283	0.0000	211.8206	211.8206	0.0650	3.9000e-004	213.5611
2023	0.6252	0.8779	1.0967	1.7500e-003	4.5000e-004	0.0263	0.0268	1.3000e-004	0.0246	0.0248	0.0000	151.6551	151.6551	0.0359	6.7000e-004	152.7516
<b>Maximum</b>	<b>0.6252</b>	<b>1.0244</b>	<b>1.3846</b>	<b>2.4100e-003</b>	<b>0.2435</b>	<b>0.0263</b>	<b>0.2647</b>	<b>0.1085</b>	<b>0.0246</b>	<b>0.1283</b>	<b>0.0000</b>	<b>211.8206</b>	<b>211.8206</b>	<b>0.0650</b>	<b>6.7000e-004</b>	<b>213.5611</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	13.77	27.87	-6.63	0.00	54.93	61.34	56.12	54.96	61.17	56.95	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	0.9155	0.4577
2	9-1-2022	11-30-2022	0.7438	0.4678
3	12-1-2022	2-28-2023	0.5554	0.4941
4	3-1-2023	5-31-2023	0.5405	0.4996
5	6-1-2023	8-31-2023	0.7263	0.7223
		Highest	0.9155	0.7223

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3327</b>	<b>3.8640</b>	<b>0.0143</b>	<b>0.8543</b>	<b>0.0490</b>	<b>0.9034</b>	<b>0.2309</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.8778</b>	<b>1,567.4679</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,664.2878</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Energy	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	165.8908	165.8908	9.5400e-003	2.2500e-003	166.8002
Mobile	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Offroad	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
Waste						0.0000	0.0000		0.0000	0.0000	24.1275	0.0000	24.1275	1.4259	0.0000	59.7749
Water						0.0000	0.0000		0.0000	0.0000	8.4627	62.9592	71.4219	0.8745	0.0212	99.5926
<b>Total</b>	<b>0.6654</b>	<b>2.3327</b>	<b>3.8640</b>	<b>0.0143</b>	<b>0.8543</b>	<b>0.0490</b>	<b>0.9034</b>	<b>0.2309</b>	<b>0.0458</b>	<b>0.2766</b>	<b>32.5902</b>	<b>1,534.8778</b>	<b>1,567.4679</b>	<b>2.4160</b>	<b>0.1222</b>	<b>1,664.2878</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>0.00</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>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	6/1/2022	6/21/2022	5	15	
2	Site Preparation	Site Preparation	6/22/2022	7/15/2022	5	18	

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

3	Grading	Grading	7/16/2022	12/6/2022	5	102
4	Building Construction	Building Construction	12/7/2022	6/9/2023	5	133
5	Paving	Paving	6/10/2023	6/27/2023	5	12
6	Architectural Coating	Architectural Coating	6/10/2023	7/3/2023	5	16

**Acres of Grading (Site Preparation Phase): 16.5**

**Acres of Grading (Grading Phase): 102**

**Acres of Paving: 1.91**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 173,025; Non-Residential Outdoor: 57,675; Striped Parking Area: 5,070 (Architectural Coating – sqft)**

**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
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	0.00	4.00	660.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	4.00	120.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	38.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 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					
Fugitive Dust					0.0713	0.0000	0.0713	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4927	25.4927	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0713</b>	<b>9.3200e-003</b>	<b>0.0807</b>	<b>0.0108</b>	<b>8.6600e-003</b>	<b>0.0195</b>	<b>0.0000</b>	<b>25.4927</b>	<b>25.4927</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	3.6000e-004	6.9200e-003	4.8500e-003	1.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.0745	1.0745	3.0000e-005	1.7000e-004	1.1260
Vendor	2.0000e-005	3.9000e-004	2.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0602	0.0602	0.0000	1.0000e-005	0.0631
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>3.8000e-004</b>	<b>7.3100e-003</b>	<b>5.1300e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.1347</b>	<b>1.1347</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>1.1890</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.2 Demolition - 2022**

**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					0.0321	0.0000	0.0321	4.8600e-003	0.0000	4.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5100e-003	0.0904	0.1701	2.9000e-004		2.2000e-003	2.2000e-003		2.0500e-003	2.0500e-003	0.0000	25.4926	25.4926	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>7.5100e-003</b>	<b>0.0904</b>	<b>0.1701</b>	<b>2.9000e-004</b>	<b>0.0321</b>	<b>2.2000e-003</b>	<b>0.0343</b>	<b>4.8600e-003</b>	<b>2.0500e-003</b>	<b>6.9100e-003</b>	<b>0.0000</b>	<b>25.4926</b>	<b>25.4926</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</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	3.6000e-004	6.9200e-003	4.8500e-003	1.0000e-005	6.0000e-005	1.0000e-005	7.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	1.0745	1.0745	3.0000e-005	1.7000e-004	1.1260
Vendor	2.0000e-005	3.9000e-004	2.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0602	0.0602	0.0000	1.0000e-005	0.0631
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>3.8000e-004</b>	<b>7.3100e-003</b>	<b>5.1300e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.1347</b>	<b>1.1347</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>1.1890</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.1081	0.0000	0.1081	0.0556	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0285	0.2978	0.1773	3.4000e-004		0.0145	0.0145		0.0134	0.0134	0.0000	30.0955	30.0955	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>0.0285</b>	<b>0.2978</b>	<b>0.1773</b>	<b>3.4000e-004</b>	<b>0.1081</b>	<b>0.0145</b>	<b>0.1226</b>	<b>0.0556</b>	<b>0.0134</b>	<b>0.0689</b>	<b>0.0000</b>	<b>30.0955</b>	<b>30.0955</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	2.0000e-005	4.7000e-004	3.3000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0723	0.0723	0.0000	1.0000e-005	0.0757
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>2.0000e-005</b>	<b>4.7000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0723</b>	<b>0.0723</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0757</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.3 Site Preparation - 2022**

**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					0.0487	0.0000	0.0487	0.0250	0.0000	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2700e-003	0.1095	0.2066	3.4000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	30.0954	30.0954	9.7300e-003	0.0000	30.3388
<b>Total</b>	<b>6.2700e-003</b>	<b>0.1095</b>	<b>0.2066</b>	<b>3.4000e-004</b>	<b>0.0487</b>	<b>5.6000e-004</b>	<b>0.0492</b>	<b>0.0250</b>	<b>5.6000e-004</b>	<b>0.0256</b>	<b>0.0000</b>	<b>30.0954</b>	<b>30.0954</b>	<b>9.7300e-003</b>	<b>0.0000</b>	<b>30.3388</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	2.0000e-005	4.7000e-004	3.3000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0723	0.0723	0.0000	1.0000e-005	0.0757
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>2.0000e-005</b>	<b>4.7000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0723</b>	<b>0.0723</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0757</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.4 Grading - 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					
Fugitive Dust					0.3613	0.0000	0.3613	0.1747	0.0000	0.1747	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	1.0636	0.7789	1.5100e-003		0.0480	0.0480		0.0441	0.0441	0.0000	132.8793	132.8793	0.0430	0.0000	133.9537
<b>Total</b>	<b>0.0994</b>	<b>1.0636</b>	<b>0.7789</b>	<b>1.5100e-003</b>	<b>0.3613</b>	<b>0.0480</b>	<b>0.4093</b>	<b>0.1747</b>	<b>0.0441</b>	<b>0.2188</b>	<b>0.0000</b>	<b>132.8793</b>	<b>132.8793</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9537</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	7.0000e-005	1.2600e-003	8.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1954	0.1954	1.0000e-005	3.0000e-005	0.2047
Vendor	1.4000e-004	2.6400e-003	1.9000e-003	0.0000	4.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.4094	0.4094	1.0000e-005	6.0000e-005	0.4288
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>2.1000e-004</b>	<b>3.9000e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6048</b>	<b>0.6048</b>	<b>2.0000e-005</b>	<b>9.0000e-005</b>	<b>0.6335</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.4 Grading - 2022**

**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					0.1626	0.0000	0.1626	0.0786	0.0000	0.0786	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0493	0.6807	0.8432	1.5100e-003		0.0144	0.0144		0.0134	0.0134	0.0000	132.8792	132.8792	0.0430	0.0000	133.9536
<b>Total</b>	<b>0.0493</b>	<b>0.6807</b>	<b>0.8432</b>	<b>1.5100e-003</b>	<b>0.1626</b>	<b>0.0144</b>	<b>0.1770</b>	<b>0.0786</b>	<b>0.0134</b>	<b>0.0920</b>	<b>0.0000</b>	<b>132.8792</b>	<b>132.8792</b>	<b>0.0430</b>	<b>0.0000</b>	<b>133.9536</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	7.0000e-005	1.2600e-003	8.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1954	0.1954	1.0000e-005	3.0000e-005	0.2047
Vendor	1.4000e-004	2.6400e-003	1.9000e-003	0.0000	4.0000e-005	1.0000e-005	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.4094	0.4094	1.0000e-005	6.0000e-005	0.4288
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>2.1000e-004</b>	<b>3.9000e-003</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>6.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6048</b>	<b>0.6048</b>	<b>2.0000e-005</b>	<b>9.0000e-005</b>	<b>0.6335</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.5 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	0.0154	0.1405	0.1473	2.4000e-004		7.2800e-003	7.2800e-003		6.8500e-003	6.8500e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0154</b>	<b>0.1405</b>	<b>0.1473</b>	<b>2.4000e-004</b>		<b>7.2800e-003</b>	<b>7.2800e-003</b>		<b>6.8500e-003</b>	<b>6.8500e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	2.3000e-004	4.4300e-003	3.1800e-003	1.0000e-005	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.6864	0.6864	2.0000e-005	1.1000e-004	0.7188
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>2.3000e-004</b>	<b>4.4300e-003</b>	<b>3.1800e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6864</b>	<b>0.6864</b>	<b>2.0000e-005</b>	<b>1.1000e-004</b>	<b>0.7188</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2022**

**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	0.0112	0.1277	0.1532	2.4000e-004		4.0300e-003	4.0300e-003		3.7700e-003	3.7700e-003	0.0000	20.8553	20.8553	5.0000e-003	0.0000	20.9802
<b>Total</b>	<b>0.0112</b>	<b>0.1277</b>	<b>0.1532</b>	<b>2.4000e-004</b>		<b>4.0300e-003</b>	<b>4.0300e-003</b>		<b>3.7700e-003</b>	<b>3.7700e-003</b>	<b>0.0000</b>	<b>20.8553</b>	<b>20.8553</b>	<b>5.0000e-003</b>	<b>0.0000</b>	<b>20.9802</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	2.3000e-004	4.4300e-003	3.1800e-003	1.0000e-005	7.0000e-005	1.0000e-005	8.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.6864	0.6864	2.0000e-005	1.1000e-004	0.7188
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>2.3000e-004</b>	<b>4.4300e-003</b>	<b>3.1800e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-005</b>	<b>1.0000e-005</b>	<b>8.0000e-005</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6864</b>	<b>0.6864</b>	<b>2.0000e-005</b>	<b>1.1000e-004</b>	<b>0.7188</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.5 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	0.0904	0.8271	0.9340	1.5500e-003		0.0402	0.0402		0.0379	0.0379	0.0000	133.2877	133.2877	0.0317	0.0000	134.0804
<b>Total</b>	<b>0.0904</b>	<b>0.8271</b>	<b>0.9340</b>	<b>1.5500e-003</b>		<b>0.0402</b>	<b>0.0402</b>		<b>0.0379</b>	<b>0.0379</b>	<b>0.0000</b>	<b>133.2877</b>	<b>133.2877</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0804</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	1.4200e-003	0.0271	0.0211	4.0000e-005	4.4000e-004	3.0000e-005	4.6000e-004	1.3000e-004	3.0000e-005	1.6000e-004	0.0000	4.2011	4.2011	1.4000e-004	6.5000e-004	4.3997
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>1.4200e-003</b>	<b>0.0271</b>	<b>0.0211</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>4.6000e-004</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.2011</b>	<b>4.2011</b>	<b>1.4000e-004</b>	<b>6.5000e-004</b>	<b>4.3997</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.5 Building Construction - 2023**

**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	0.0674	0.7786	0.9730	1.5500e-003		0.0227	0.0227		0.0212	0.0212	0.0000	133.2876	133.2876	0.0317	0.0000	134.0803
<b>Total</b>	<b>0.0674</b>	<b>0.7786</b>	<b>0.9730</b>	<b>1.5500e-003</b>		<b>0.0227</b>	<b>0.0227</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>133.2876</b>	<b>133.2876</b>	<b>0.0317</b>	<b>0.0000</b>	<b>134.0803</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	1.4200e-003	0.0271	0.0211	4.0000e-005	4.4000e-004	3.0000e-005	4.6000e-004	1.3000e-004	3.0000e-005	1.6000e-004	0.0000	4.2011	4.2011	1.4000e-004	6.5000e-004	4.3997
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>1.4200e-003</b>	<b>0.0271</b>	<b>0.0211</b>	<b>4.0000e-005</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>4.6000e-004</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>4.2011</b>	<b>4.2011</b>	<b>1.4000e-004</b>	<b>6.5000e-004</b>	<b>4.3997</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.6 Paving - 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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	2.0000e-005	3.0000e-004	2.3000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0462	0.0462	0.0000	1.0000e-005	0.0483
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>2.0000e-005</b>	<b>3.0000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0462</b>	<b>0.0462</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0483</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.6 Paving - 2023**

**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	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	2.1700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>8.3700e-003</b>	<b>0.0612</b>	<b>0.0875</b>	<b>1.4000e-004</b>		<b>3.0600e-003</b>	<b>3.0600e-003</b>		<b>2.8200e-003</b>	<b>2.8200e-003</b>	<b>0.0000</b>	<b>12.0161</b>	<b>12.0161</b>	<b>3.8900e-003</b>	<b>0.0000</b>	<b>12.1133</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	2.0000e-005	3.0000e-004	2.3000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0462	0.0462	0.0000	1.0000e-005	0.0483
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>2.0000e-005</b>	<b>3.0000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0462</b>	<b>0.0462</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0483</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.7 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	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	2.0000e-005	4.0000e-004	3.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0615	0.0615	0.0000	1.0000e-005	0.0644
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>2.0000e-005</b>	<b>4.0000e-004</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0615</b>	<b>0.0615</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0644</b>



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0104	0.0145	2.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.0426	2.0426	1.2000e-004	0.0000	2.0457
<b>Total</b>	<b>0.5479</b>	<b>0.0104</b>	<b>0.0145</b>	<b>2.0000e-005</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.0426</b>	<b>2.0426</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>2.0457</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	2.0000e-005	4.0000e-004	3.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0615	0.0615	0.0000	1.0000e-005	0.0644
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>2.0000e-005</b>	<b>4.0000e-004</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0615</b>	<b>0.0615</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0644</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664
Unmitigated	0.1038	1.2484	2.1382	0.0114	0.8543	0.0114	0.8658	0.2309	0.0108	0.2417	0.0000	1,084.9618	1,084.9618	0.0346	0.0988	1,115.2664

**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		
General Light Industry	169.89	169.89	169.89	1,036,992	1,036,992
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	138.08	138.08	138.08	1,159,698	1,159,698
<b>Total</b>	<b>307.97</b>	<b>307.97</b>	<b>307.97</b>	<b>2,196,690</b>	<b>2,196,690</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	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

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
General Light Industry	17.98	17.98	17.98	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	24.74	24.74	24.74	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
General Light Industry	0.470588	0.235294	0.235294	0.000000	0.000000	0.000000	0.023529	0.035294	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Other Non-Asphalt Surfaces	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Parking Lot	0.543139	0.060749	0.184760	0.130258	0.023830	0.006353	0.011718	0.009137	0.000812	0.000509	0.024193	0.000750	0.003791
Unrefrigerated Warehouse-No Rail	0.326087	0.163043	0.163043	0.000000	0.000000	0.000000	0.130435	0.217391	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	97.5276	97.5276	8.2300e-003	1.0000e-003	98.0308
NaturalGas Mitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694
NaturalGas Unmitigated	6.9100e-003	0.0628	0.0528	3.8000e-004		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	68.3632	68.3632	1.3100e-003	1.2500e-003	68.7694

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	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
General Light Industry	1.11878e+006	6.0300e-003	0.0548	0.0461	3.3000e-004		4.1700e-003	4.1700e-003		4.1700e-003	4.1700e-003	0.0000	59.7023	59.7023	1.1400e-003	1.0900e-003	60.0571
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	162297	8.8000e-004	7.9600e-003	6.6800e-003	5.0000e-005		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	8.6608	8.6608	1.7000e-004	1.6000e-004	8.7123
<b>Total</b>		<b>6.9100e-003</b>	<b>0.0628</b>	<b>0.0528</b>	<b>3.8000e-004</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>		<b>4.7700e-003</b>	<b>4.7700e-003</b>	<b>0.0000</b>	<b>68.3632</b>	<b>68.3632</b>	<b>1.3100e-003</b>	<b>1.2500e-003</b>	<b>68.7694</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**5.3 Energy by Land Use - Electricity**

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
General Light Industry	343282	60.8795	5.1400e-003	6.2000e-004	61.1935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	3.4263	2.9000e-004	4.0000e-005	3.4440
Unrefrigerated Warehouse-No Rail	187328	33.2219	2.8000e-003	3.4000e-004	33.3932
<b>Total</b>		<b>97.5276</b>	<b>8.2300e-003</b>	<b>1.0000e-003</b>	<b>98.0308</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
Unmitigated	0.4775	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003

**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	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4225					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.3900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.5900e-003	6.5900e-003	2.0000e-005	0.0000	7.0200e-003
<b>Total</b>	<b>0.4775</b>	<b>3.0000e-005</b>	<b>3.3900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>6.5900e-003</b>	<b>6.5900e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.0200e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.4219	0.8745	0.0212	99.5926
Unmitigated	71.4219	0.8745	0.0212	99.5926

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.691059	1.3616	1.1000e-004	1.0000e-005	1.3686
General Light Industry	8.00125 / 0	21.0150	0.2623	6.3500e-003	29.4629
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	18.6734 / 0	49.0452	0.6121	0.0148	68.7610
<b>Total</b>		<b>71.4219</b>	<b>0.8745</b>	<b>0.0212</b>	<b>99.5926</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	24.1275	1.4259	0.0000	59.7749
Unmitigated	24.1275	1.4259	0.0000	59.7749

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
General Light Industry	42.9	8.7083	0.5147	0.0000	21.5745
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	75.91	15.4090	0.9107	0.0000	38.1753
<b>Total</b>		<b>24.1275</b>	<b>1.4259</b>	<b>0.0000</b>	<b>59.7749</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Rough Terrain Forklifts	4	8.00	365	100	0.40	Diesel



5006 & 5010 Mission Boulevard Warehouse Project Mitigated HRA - South Coast AQMD Air District, Annual

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

**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					
Rough Terrain Forklifts	0.0772	1.0216	1.6697	2.5200e-003		0.0328	0.0328		0.0302	0.0302	0.0000	221.0594	221.0594	0.0715	0.0000	222.8467
<b>Total</b>	<b>0.0772</b>	<b>1.0216</b>	<b>1.6697</b>	<b>2.5200e-003</b>		<b>0.0328</b>	<b>0.0328</b>		<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>221.0594</b>	<b>221.0594</b>	<b>0.0715</b>	<b>0.0000</b>	<b>222.8467</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**

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 9/22/2021
** File: F:\Lakes\Mission Blvd Warehouse\Mission Blvd Warehouse HRA\Mission Blvd
Warehouse HRA.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\apoll\Desktop\HARP2\HARP\Mission Blvd Warehouse\Mission Blv
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "Mission Blvd Warehouse HRA.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 Construction Equipment and Haul Trucks
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 21
** 435659.133, 3768713.713, 282.66, 3.40, 4.00
** 435660.162, 3768601.503, 281.58, 3.40, 4.00

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\*\* 435805.314, 3768600.474, 282.89, 3.40, 4.00  
 \*\* 435802.741, 3768713.198, 283.85, 3.40, 4.00  
 \*\* 435672.516, 3768713.198, 282.77, 3.40, 4.00  
 \*\* 435672.001, 3768614.371, 281.61, 3.40, 4.00  
 \*\* 435793.476, 3768612.827, 282.80, 3.40, 4.00  
 \*\* 435792.446, 3768702.904, 283.69, 3.40, 4.00  
 \*\* 435684.869, 3768703.419, 282.91, 3.40, 4.00  
 \*\* 435684.869, 3768627.240, 282.00, 3.40, 4.00  
 \*\* 435777.519, 3768626.210, 282.95, 3.40, 4.00  
 \*\* 435778.034, 3768690.036, 283.48, 3.40, 4.00  
 \*\* 435698.767, 3768690.550, 282.73, 3.40, 4.00  
 \*\* 435697.737, 3768639.593, 282.11, 3.40, 4.00  
 \*\* 435764.136, 3768639.593, 282.91, 3.40, 4.00  
 \*\* 435765.681, 3768679.741, 283.15, 3.40, 4.00  
 \*\* 435711.120, 3768678.197, 282.75, 3.40, 4.00  
 \*\* 435710.090, 3768651.432, 282.49, 3.40, 4.00  
 \*\* 435750.754, 3768650.917, 283.00, 3.40, 4.00  
 \*\* 435751.783, 3768667.903, 282.97, 3.40, 4.00  
 \*\* 435722.444, 3768667.903, 282.70, 3.40, 4.00

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LOCATION	L0000001	VOLUME	435659.172	3768709.413	282.59
LOCATION	L0000002	VOLUME	435659.251	3768700.814	282.48
LOCATION	L0000003	VOLUME	435659.330	3768692.214	282.38
LOCATION	L0000004	VOLUME	435659.409	3768683.614	282.29
LOCATION	L0000005	VOLUME	435659.488	3768675.015	282.19
LOCATION	L0000006	VOLUME	435659.567	3768666.415	282.09
LOCATION	L0000007	VOLUME	435659.646	3768657.815	282.00
LOCATION	L0000008	VOLUME	435659.725	3768649.216	281.91
LOCATION	L0000009	VOLUME	435659.804	3768640.616	281.82
LOCATION	L0000010	VOLUME	435659.882	3768632.016	281.74
LOCATION	L0000011	VOLUME	435659.961	3768623.417	281.67
LOCATION	L0000012	VOLUME	435660.040	3768614.817	281.60
LOCATION	L0000013	VOLUME	435660.119	3768606.218	281.55
LOCATION	L0000014	VOLUME	435664.048	3768601.476	281.55
LOCATION	L0000015	VOLUME	435672.648	3768601.415	281.61
LOCATION	L0000016	VOLUME	435681.248	3768601.354	281.69
LOCATION	L0000017	VOLUME	435689.847	3768601.293	281.77
LOCATION	L0000018	VOLUME	435698.447	3768601.232	281.85
LOCATION	L0000019	VOLUME	435707.047	3768601.171	281.95
LOCATION	L0000020	VOLUME	435715.647	3768601.110	282.04
LOCATION	L0000021	VOLUME	435724.246	3768601.049	282.12
LOCATION	L0000022	VOLUME	435732.846	3768600.988	282.18
LOCATION	L0000023	VOLUME	435741.446	3768600.927	282.25
LOCATION	L0000024	VOLUME	435750.046	3768600.866	282.32
LOCATION	L0000025	VOLUME	435758.646	3768600.805	282.40
LOCATION	L0000026	VOLUME	435767.245	3768600.744	282.47
LOCATION	L0000027	VOLUME	435775.845	3768600.683	282.55
LOCATION	L0000028	VOLUME	435784.445	3768600.622	282.62
LOCATION	L0000029	VOLUME	435793.045	3768600.561	282.70
LOCATION	L0000030	VOLUME	435801.644	3768600.500	282.78

LOCATION	L0000031	VOLUME	435805.202	3768605.403	282.84
LOCATION	L0000032	VOLUME	435805.005	3768614.001	282.90
LOCATION	L0000033	VOLUME	435804.809	3768622.598	282.97
LOCATION	L0000034	VOLUME	435804.613	3768631.196	283.04
LOCATION	L0000035	VOLUME	435804.416	3768639.794	283.10
LOCATION	L0000036	VOLUME	435804.220	3768648.392	283.17
LOCATION	L0000037	VOLUME	435804.024	3768656.989	283.23
LOCATION	L0000038	VOLUME	435803.828	3768665.587	283.29
LOCATION	L0000039	VOLUME	435803.631	3768674.185	283.37
LOCATION	L0000040	VOLUME	435803.435	3768682.783	283.49
LOCATION	L0000041	VOLUME	435803.239	3768691.380	283.61
LOCATION	L0000042	VOLUME	435803.042	3768699.978	283.73
LOCATION	L0000043	VOLUME	435802.846	3768708.576	283.80
LOCATION	L0000044	VOLUME	435798.764	3768713.198	283.75
LOCATION	L0000045	VOLUME	435790.164	3768713.198	283.67
LOCATION	L0000046	VOLUME	435781.564	3768713.198	283.61
LOCATION	L0000047	VOLUME	435772.964	3768713.198	283.54
LOCATION	L0000048	VOLUME	435764.364	3768713.198	283.47
LOCATION	L0000049	VOLUME	435755.764	3768713.198	283.40
LOCATION	L0000050	VOLUME	435747.164	3768713.198	283.32
LOCATION	L0000051	VOLUME	435738.564	3768713.198	283.27
LOCATION	L0000052	VOLUME	435729.964	3768713.198	283.21
LOCATION	L0000053	VOLUME	435721.364	3768713.198	283.16
LOCATION	L0000054	VOLUME	435712.764	3768713.198	283.11
LOCATION	L0000055	VOLUME	435704.164	3768713.198	283.07
LOCATION	L0000056	VOLUME	435695.564	3768713.198	283.03
LOCATION	L0000057	VOLUME	435686.964	3768713.198	282.98
LOCATION	L0000058	VOLUME	435678.364	3768713.198	282.92
LOCATION	L0000059	VOLUME	435672.501	3768710.447	282.84
LOCATION	L0000060	VOLUME	435672.457	3768701.847	282.74
LOCATION	L0000061	VOLUME	435672.412	3768693.247	282.62
LOCATION	L0000062	VOLUME	435672.367	3768684.647	282.50
LOCATION	L0000063	VOLUME	435672.322	3768676.047	282.39
LOCATION	L0000064	VOLUME	435672.277	3768667.447	282.27
LOCATION	L0000065	VOLUME	435672.233	3768658.847	282.15
LOCATION	L0000066	VOLUME	435672.188	3768650.247	282.04
LOCATION	L0000067	VOLUME	435672.143	3768641.648	281.92
LOCATION	L0000068	VOLUME	435672.098	3768633.048	281.84
LOCATION	L0000069	VOLUME	435672.053	3768624.448	281.76
LOCATION	L0000070	VOLUME	435672.009	3768615.848	281.68
LOCATION	L0000071	VOLUME	435679.124	3768614.281	281.73
LOCATION	L0000072	VOLUME	435687.723	3768614.172	281.82
LOCATION	L0000073	VOLUME	435696.323	3768614.062	281.91
LOCATION	L0000074	VOLUME	435704.922	3768613.953	282.01
LOCATION	L0000075	VOLUME	435713.521	3768613.844	282.12
LOCATION	L0000076	VOLUME	435722.120	3768613.734	282.21
LOCATION	L0000077	VOLUME	435730.720	3768613.625	282.28
LOCATION	L0000078	VOLUME	435739.319	3768613.516	282.36
LOCATION	L0000079	VOLUME	435747.918	3768613.406	282.43
LOCATION	L0000080	VOLUME	435756.518	3768613.297	282.50

LOCATION	L0000081	VOLUME	435765.117	3768613.188	282.57
LOCATION	L0000082	VOLUME	435773.716	3768613.078	282.64
LOCATION	L0000083	VOLUME	435782.316	3768612.969	282.71
LOCATION	L0000084	VOLUME	435790.915	3768612.860	282.77
LOCATION	L0000085	VOLUME	435793.407	3768618.866	282.84
LOCATION	L0000086	VOLUME	435793.308	3768627.465	282.91
LOCATION	L0000087	VOLUME	435793.210	3768636.065	282.98
LOCATION	L0000088	VOLUME	435793.112	3768644.664	283.05
LOCATION	L0000089	VOLUME	435793.013	3768653.264	283.11
LOCATION	L0000090	VOLUME	435792.915	3768661.863	283.16
LOCATION	L0000091	VOLUME	435792.817	3768670.463	283.22
LOCATION	L0000092	VOLUME	435792.719	3768679.062	283.32
LOCATION	L0000093	VOLUME	435792.620	3768687.662	283.44
LOCATION	L0000094	VOLUME	435792.522	3768696.261	283.56
LOCATION	L0000095	VOLUME	435790.489	3768702.913	283.63
LOCATION	L0000096	VOLUME	435781.889	3768702.954	283.57
LOCATION	L0000097	VOLUME	435773.290	3768702.995	283.50
LOCATION	L0000098	VOLUME	435764.690	3768703.037	283.43
LOCATION	L0000099	VOLUME	435756.090	3768703.078	283.35
LOCATION	L0000100	VOLUME	435747.490	3768703.119	283.27
LOCATION	L0000101	VOLUME	435738.890	3768703.160	283.20
LOCATION	L0000102	VOLUME	435730.290	3768703.201	283.14
LOCATION	L0000103	VOLUME	435721.690	3768703.242	283.07
LOCATION	L0000104	VOLUME	435713.090	3768703.284	283.02
LOCATION	L0000105	VOLUME	435704.490	3768703.325	282.97
LOCATION	L0000106	VOLUME	435695.890	3768703.366	282.92
LOCATION	L0000107	VOLUME	435687.291	3768703.407	282.87
LOCATION	L0000108	VOLUME	435684.869	3768697.240	282.76
LOCATION	L0000109	VOLUME	435684.869	3768688.640	282.63
LOCATION	L0000110	VOLUME	435684.869	3768680.040	282.51
LOCATION	L0000111	VOLUME	435684.869	3768671.440	282.38
LOCATION	L0000112	VOLUME	435684.869	3768662.840	282.28
LOCATION	L0000113	VOLUME	435684.869	3768654.240	282.18
LOCATION	L0000114	VOLUME	435684.869	3768645.640	282.07
LOCATION	L0000115	VOLUME	435684.869	3768637.040	281.99
LOCATION	L0000116	VOLUME	435684.869	3768628.440	281.91
LOCATION	L0000117	VOLUME	435692.268	3768627.157	281.97
LOCATION	L0000118	VOLUME	435700.868	3768627.062	282.07
LOCATION	L0000119	VOLUME	435709.467	3768626.966	282.16
LOCATION	L0000120	VOLUME	435718.066	3768626.871	282.26
LOCATION	L0000121	VOLUME	435726.666	3768626.775	282.35
LOCATION	L0000122	VOLUME	435735.265	3768626.680	282.44
LOCATION	L0000123	VOLUME	435743.865	3768626.584	282.53
LOCATION	L0000124	VOLUME	435752.464	3768626.488	282.61
LOCATION	L0000125	VOLUME	435761.064	3768626.393	282.68
LOCATION	L0000126	VOLUME	435769.663	3768626.297	282.76
LOCATION	L0000127	VOLUME	435777.525	3768626.954	282.81
LOCATION	L0000128	VOLUME	435777.595	3768635.553	282.90
LOCATION	L0000129	VOLUME	435777.664	3768644.153	282.98
LOCATION	L0000130	VOLUME	435777.733	3768652.753	283.03

LOCATION	L0000131	VOLUME	435777.803	3768661.353	283.08
LOCATION	L0000132	VOLUME	435777.872	3768669.952	283.13
LOCATION	L0000133	VOLUME	435777.941	3768678.552	283.22
LOCATION	L0000134	VOLUME	435778.011	3768687.152	283.33
LOCATION	L0000135	VOLUME	435772.318	3768690.073	283.33
LOCATION	L0000136	VOLUME	435763.718	3768690.129	283.26
LOCATION	L0000137	VOLUME	435755.118	3768690.185	283.20
LOCATION	L0000138	VOLUME	435746.519	3768690.240	283.13
LOCATION	L0000139	VOLUME	435737.919	3768690.296	283.06
LOCATION	L0000140	VOLUME	435729.319	3768690.352	282.99
LOCATION	L0000141	VOLUME	435720.719	3768690.408	282.92
LOCATION	L0000142	VOLUME	435712.119	3768690.464	282.85
LOCATION	L0000143	VOLUME	435703.520	3768690.520	282.79
LOCATION	L0000144	VOLUME	435698.689	3768686.704	282.69
LOCATION	L0000145	VOLUME	435698.515	3768678.106	282.57
LOCATION	L0000146	VOLUME	435698.341	3768669.508	282.45
LOCATION	L0000147	VOLUME	435698.168	3768660.910	282.36
LOCATION	L0000148	VOLUME	435697.994	3768652.311	282.26
LOCATION	L0000149	VOLUME	435697.820	3768643.713	282.17
LOCATION	L0000150	VOLUME	435702.216	3768639.593	282.18
LOCATION	L0000151	VOLUME	435710.816	3768639.593	282.27
LOCATION	L0000152	VOLUME	435719.416	3768639.593	282.37
LOCATION	L0000153	VOLUME	435728.016	3768639.593	282.47
LOCATION	L0000154	VOLUME	435736.616	3768639.593	282.58
LOCATION	L0000155	VOLUME	435745.216	3768639.593	282.68
LOCATION	L0000156	VOLUME	435753.816	3768639.593	282.76
LOCATION	L0000157	VOLUME	435762.416	3768639.593	282.84
LOCATION	L0000158	VOLUME	435764.401	3768646.468	282.91
LOCATION	L0000159	VOLUME	435764.731	3768655.061	282.96
LOCATION	L0000160	VOLUME	435765.062	3768663.655	283.02
LOCATION	L0000161	VOLUME	435765.392	3768672.248	283.07
LOCATION	L0000162	VOLUME	435764.579	3768679.710	283.15
LOCATION	L0000163	VOLUME	435755.983	3768679.467	283.08
LOCATION	L0000164	VOLUME	435747.386	3768679.224	283.02
LOCATION	L0000165	VOLUME	435738.790	3768678.980	282.95
LOCATION	L0000166	VOLUME	435730.193	3768678.737	282.87
LOCATION	L0000167	VOLUME	435721.597	3768678.494	282.79
LOCATION	L0000168	VOLUME	435713.000	3768678.250	282.71
LOCATION	L0000169	VOLUME	435710.862	3768671.483	282.60
LOCATION	L0000170	VOLUME	435710.531	3768662.889	282.51
LOCATION	L0000171	VOLUME	435710.201	3768654.296	282.41
LOCATION	L0000172	VOLUME	435715.824	3768651.359	282.44
LOCATION	L0000173	VOLUME	435724.423	3768651.250	282.54
LOCATION	L0000174	VOLUME	435733.022	3768651.141	282.64
LOCATION	L0000175	VOLUME	435741.622	3768651.032	282.73
LOCATION	L0000176	VOLUME	435750.221	3768650.924	282.82
LOCATION	L0000177	VOLUME	435751.242	3768658.969	282.88
LOCATION	L0000178	VOLUME	435751.762	3768667.554	282.94
LOCATION	L0000179	VOLUME	435743.533	3768667.903	282.88
LOCATION	L0000180	VOLUME	435734.933	3768667.903	282.80

LOCATION L0000181 VOLUME 435726.333 3768667.903 282.72

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM L0000001	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000002	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000003	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000004	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000005	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000006	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000007	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000008	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000009	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000010	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000011	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000012	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000013	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000014	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000015	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000016	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000017	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000018	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000019	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000020	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000021	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000022	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000023	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000024	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000025	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000026	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000027	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000028	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000029	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000030	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000031	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000032	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000033	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000034	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000035	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000036	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000037	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000038	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000039	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000040	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000041	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000042	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000043	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000044	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000045	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000046	0.0055248619	3.40	4.00	3.16







SRCPARAM L0000147	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000148	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000149	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000150	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000151	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000152	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000153	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000154	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000155	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000156	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000157	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000158	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000159	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000160	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000161	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000162	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000163	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000164	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000165	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000166	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000167	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000168	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000169	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000170	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000171	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000172	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000173	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000174	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000175	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000176	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000177	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000178	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000179	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000180	0.0055248619	3.40	4.00	3.16
SRCPARAM L0000181	0.0055248619	3.40	4.00	3.16

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-----  
 URBANSRC ALL  
 SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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\*\*

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RE STARTING

INCLUDED "Mission Blvd Warehouse HRA.rou"

RE FINISHED

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\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

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\*\*

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ME STARTING

SURFFILE ..\OntarioIntlAirportADJU\KONT\_V9\_ADJU\KONT\_v9.SFC

PROFFILE ..\OntarioIntlAirportADJU\KONT\_V9\_ADJU\KONT\_v9.PFL

SURFDATA 3102 2012

UAIRDATA 3190 2012

PROFBASE 289.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "Mission Blvd Warehouse HRA.AD\01H1GALL.PLT" 31

PLOTFILE PERIOD ALL "Mission Blvd Warehouse HRA.AD\PE00GALL.PLT" 32

SUMMFILE "Mission Blvd Warehouse HRA.sum"

OU FINISHED

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

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

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

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

ME W186 459 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50

ME W187 459 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*

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

\*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 1

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

\*\*\* MODEL SETUP OPTIONS SUMMARY

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---  
\*\*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 181 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

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

\*\*This Run Includes: 181 Source(s); 1 Source Group(s); and 8656  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)

and: 181 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 289.00 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 4.6 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Mission Blvd Warehouse HRA.err

\*\*File for Summary of Results: Mission Blvd Warehouse HRA.sum

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 2

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

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

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE		EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY	
SZ	SOURCE	PART.	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	
ID		CATS.	BY						
(METERS)									
L0000001		0	0.55249E-02		435659.2	3768709.4	282.6	3.40	4.00
3.16	YES								
L0000002		0	0.55249E-02		435659.3	3768700.8	282.5	3.40	4.00
3.16	YES								
L0000003		0	0.55249E-02		435659.3	3768692.2	282.4	3.40	4.00
3.16	YES								
L0000004		0	0.55249E-02		435659.4	3768683.6	282.3	3.40	4.00
3.16	YES								
L0000005		0	0.55249E-02		435659.5	3768675.0	282.2	3.40	4.00
3.16	YES								
L0000006		0	0.55249E-02		435659.6	3768666.4	282.1	3.40	4.00
3.16	YES								
L0000007		0	0.55249E-02		435659.6	3768657.8	282.0	3.40	4.00
3.16	YES								
L0000008		0	0.55249E-02		435659.7	3768649.2	281.9	3.40	4.00
3.16	YES								
L0000009		0	0.55249E-02		435659.8	3768640.6	281.8	3.40	4.00
3.16	YES								
L0000010		0	0.55249E-02		435659.9	3768632.0	281.7	3.40	4.00
3.16	YES								
L0000011		0	0.55249E-02		435660.0	3768623.4	281.7	3.40	4.00
3.16	YES								
L0000012		0	0.55249E-02		435660.0	3768614.8	281.6	3.40	4.00
3.16	YES								
L0000013		0	0.55249E-02		435660.1	3768606.2	281.6	3.40	4.00
3.16	YES								
L0000014		0	0.55249E-02		435664.0	3768601.5	281.6	3.40	4.00
3.16	YES								
L0000015		0	0.55249E-02		435672.6	3768601.4	281.6	3.40	4.00
3.16	YES								
L0000016		0	0.55249E-02		435681.2	3768601.4	281.7	3.40	4.00
3.16	YES								
L0000017		0	0.55249E-02		435689.8	3768601.3	281.8	3.40	4.00
3.16	YES								
L0000018		0	0.55249E-02		435698.4	3768601.2	281.9	3.40	4.00
3.16	YES								
L0000019		0	0.55249E-02		435707.0	3768601.2	281.9	3.40	4.00

3.16	YES							
L0000020		0	0.55249E-02	435715.6	3768601.1	282.0	3.40	4.00
3.16	YES							
L0000021		0	0.55249E-02	435724.2	3768601.0	282.1	3.40	4.00
3.16	YES							
L0000022		0	0.55249E-02	435732.8	3768601.0	282.2	3.40	4.00
3.16	YES							
L0000023		0	0.55249E-02	435741.4	3768600.9	282.2	3.40	4.00
3.16	YES							
L0000024		0	0.55249E-02	435750.0	3768600.9	282.3	3.40	4.00
3.16	YES							
L0000025		0	0.55249E-02	435758.6	3768600.8	282.4	3.40	4.00
3.16	YES							
L0000026		0	0.55249E-02	435767.2	3768600.7	282.5	3.40	4.00
3.16	YES							
L0000027		0	0.55249E-02	435775.8	3768600.7	282.6	3.40	4.00
3.16	YES							
L0000028		0	0.55249E-02	435784.4	3768600.6	282.6	3.40	4.00
3.16	YES							
L0000029		0	0.55249E-02	435793.0	3768600.6	282.7	3.40	4.00
3.16	YES							
L0000030		0	0.55249E-02	435801.6	3768600.5	282.8	3.40	4.00
3.16	YES							
L0000031		0	0.55249E-02	435805.2	3768605.4	282.8	3.40	4.00
3.16	YES							
L0000032		0	0.55249E-02	435805.0	3768614.0	282.9	3.40	4.00
3.16	YES							
L0000033		0	0.55249E-02	435804.8	3768622.6	283.0	3.40	4.00
3.16	YES							
L0000034		0	0.55249E-02	435804.6	3768631.2	283.0	3.40	4.00
3.16	YES							
L0000035		0	0.55249E-02	435804.4	3768639.8	283.1	3.40	4.00
3.16	YES							
L0000036		0	0.55249E-02	435804.2	3768648.4	283.2	3.40	4.00
3.16	YES							
L0000037		0	0.55249E-02	435804.0	3768657.0	283.2	3.40	4.00
3.16	YES							
L0000038		0	0.55249E-02	435803.8	3768665.6	283.3	3.40	4.00
3.16	YES							
L0000039		0	0.55249E-02	435803.6	3768674.2	283.4	3.40	4.00
3.16	YES							
L0000040		0	0.55249E-02	435803.4	3768682.8	283.5	3.40	4.00

3.16 YES  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 3

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

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

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0000041		0	0.55249E-02	435803.2	3768691.4	283.6	3.40	4.00
3.16	YES							
L0000042		0	0.55249E-02	435803.0	3768700.0	283.7	3.40	4.00
3.16	YES							
L0000043		0	0.55249E-02	435802.8	3768708.6	283.8	3.40	4.00
3.16	YES							
L0000044		0	0.55249E-02	435798.8	3768713.2	283.8	3.40	4.00
3.16	YES							
L0000045		0	0.55249E-02	435790.2	3768713.2	283.7	3.40	4.00
3.16	YES							
L0000046		0	0.55249E-02	435781.6	3768713.2	283.6	3.40	4.00
3.16	YES							
L0000047		0	0.55249E-02	435773.0	3768713.2	283.5	3.40	4.00
3.16	YES							
L0000048		0	0.55249E-02	435764.4	3768713.2	283.5	3.40	4.00
3.16	YES							
L0000049		0	0.55249E-02	435755.8	3768713.2	283.4	3.40	4.00
3.16	YES							
L0000050		0	0.55249E-02	435747.2	3768713.2	283.3	3.40	4.00
3.16	YES							
L0000051		0	0.55249E-02	435738.6	3768713.2	283.3	3.40	4.00
3.16	YES							
L0000052		0	0.55249E-02	435730.0	3768713.2	283.2	3.40	4.00
3.16	YES							
L0000053		0	0.55249E-02	435721.4	3768713.2	283.2	3.40	4.00
3.16	YES							
L0000054		0	0.55249E-02	435712.8	3768713.2	283.1	3.40	4.00
3.16	YES							
L0000055		0	0.55249E-02	435704.2	3768713.2	283.1	3.40	4.00
3.16	YES							
L0000056		0	0.55249E-02	435695.6	3768713.2	283.0	3.40	4.00
3.16	YES							
L0000057		0	0.55249E-02	435687.0	3768713.2	283.0	3.40	4.00
3.16	YES							
L0000058		0	0.55249E-02	435678.4	3768713.2	282.9	3.40	4.00
3.16	YES							
L0000059		0	0.55249E-02	435672.5	3768710.4	282.8	3.40	4.00



3.16	YES							
L0000060		0	0.55249E-02	435672.5	3768701.8	282.7	3.40	4.00
3.16	YES							
L0000061		0	0.55249E-02	435672.4	3768693.2	282.6	3.40	4.00
3.16	YES							
L0000062		0	0.55249E-02	435672.4	3768684.6	282.5	3.40	4.00
3.16	YES							
L0000063		0	0.55249E-02	435672.3	3768676.0	282.4	3.40	4.00
3.16	YES							
L0000064		0	0.55249E-02	435672.3	3768667.4	282.3	3.40	4.00
3.16	YES							
L0000065		0	0.55249E-02	435672.2	3768658.8	282.2	3.40	4.00
3.16	YES							
L0000066		0	0.55249E-02	435672.2	3768650.2	282.0	3.40	4.00
3.16	YES							
L0000067		0	0.55249E-02	435672.1	3768641.6	281.9	3.40	4.00
3.16	YES							
L0000068		0	0.55249E-02	435672.1	3768633.0	281.8	3.40	4.00
3.16	YES							
L0000069		0	0.55249E-02	435672.1	3768624.4	281.8	3.40	4.00
3.16	YES							
L0000070		0	0.55249E-02	435672.0	3768615.8	281.7	3.40	4.00
3.16	YES							
L0000071		0	0.55249E-02	435679.1	3768614.3	281.7	3.40	4.00
3.16	YES							
L0000072		0	0.55249E-02	435687.7	3768614.2	281.8	3.40	4.00
3.16	YES							
L0000073		0	0.55249E-02	435696.3	3768614.1	281.9	3.40	4.00
3.16	YES							
L0000074		0	0.55249E-02	435704.9	3768614.0	282.0	3.40	4.00
3.16	YES							
L0000075		0	0.55249E-02	435713.5	3768613.8	282.1	3.40	4.00
3.16	YES							
L0000076		0	0.55249E-02	435722.1	3768613.7	282.2	3.40	4.00
3.16	YES							
L0000077		0	0.55249E-02	435730.7	3768613.6	282.3	3.40	4.00
3.16	YES							
L0000078		0	0.55249E-02	435739.3	3768613.5	282.4	3.40	4.00
3.16	YES							
L0000079		0	0.55249E-02	435747.9	3768613.4	282.4	3.40	4.00
3.16	YES							
L0000080		0	0.55249E-02	435756.5	3768613.3	282.5	3.40	4.00

3.16 YES  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 4

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

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

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0000081		0	0.55249E-02	435765.1	3768613.2	282.6	3.40	4.00
3.16	YES							
L0000082		0	0.55249E-02	435773.7	3768613.1	282.6	3.40	4.00
3.16	YES							
L0000083		0	0.55249E-02	435782.3	3768613.0	282.7	3.40	4.00
3.16	YES							
L0000084		0	0.55249E-02	435790.9	3768612.9	282.8	3.40	4.00
3.16	YES							
L0000085		0	0.55249E-02	435793.4	3768618.9	282.8	3.40	4.00
3.16	YES							
L0000086		0	0.55249E-02	435793.3	3768627.5	282.9	3.40	4.00
3.16	YES							
L0000087		0	0.55249E-02	435793.2	3768636.1	283.0	3.40	4.00
3.16	YES							
L0000088		0	0.55249E-02	435793.1	3768644.7	283.1	3.40	4.00
3.16	YES							
L0000089		0	0.55249E-02	435793.0	3768653.3	283.1	3.40	4.00
3.16	YES							
L0000090		0	0.55249E-02	435792.9	3768661.9	283.2	3.40	4.00
3.16	YES							
L0000091		0	0.55249E-02	435792.8	3768670.5	283.2	3.40	4.00
3.16	YES							
L0000092		0	0.55249E-02	435792.7	3768679.1	283.3	3.40	4.00
3.16	YES							
L0000093		0	0.55249E-02	435792.6	3768687.7	283.4	3.40	4.00
3.16	YES							
L0000094		0	0.55249E-02	435792.5	3768696.3	283.6	3.40	4.00
3.16	YES							
L0000095		0	0.55249E-02	435790.5	3768702.9	283.6	3.40	4.00
3.16	YES							
L0000096		0	0.55249E-02	435781.9	3768703.0	283.6	3.40	4.00
3.16	YES							
L0000097		0	0.55249E-02	435773.3	3768703.0	283.5	3.40	4.00
3.16	YES							
L0000098		0	0.55249E-02	435764.7	3768703.0	283.4	3.40	4.00
3.16	YES							
L0000099		0	0.55249E-02	435756.1	3768703.1	283.4	3.40	4.00

3.16	YES							
L0000100		0	0.55249E-02	435747.5	3768703.1	283.3	3.40	4.00
3.16	YES							
L0000101		0	0.55249E-02	435738.9	3768703.2	283.2	3.40	4.00
3.16	YES							
L0000102		0	0.55249E-02	435730.3	3768703.2	283.1	3.40	4.00
3.16	YES							
L0000103		0	0.55249E-02	435721.7	3768703.2	283.1	3.40	4.00
3.16	YES							
L0000104		0	0.55249E-02	435713.1	3768703.3	283.0	3.40	4.00
3.16	YES							
L0000105		0	0.55249E-02	435704.5	3768703.3	283.0	3.40	4.00
3.16	YES							
L0000106		0	0.55249E-02	435695.9	3768703.4	282.9	3.40	4.00
3.16	YES							
L0000107		0	0.55249E-02	435687.3	3768703.4	282.9	3.40	4.00
3.16	YES							
L0000108		0	0.55249E-02	435684.9	3768697.2	282.8	3.40	4.00
3.16	YES							
L0000109		0	0.55249E-02	435684.9	3768688.6	282.6	3.40	4.00
3.16	YES							
L0000110		0	0.55249E-02	435684.9	3768680.0	282.5	3.40	4.00
3.16	YES							
L0000111		0	0.55249E-02	435684.9	3768671.4	282.4	3.40	4.00
3.16	YES							
L0000112		0	0.55249E-02	435684.9	3768662.8	282.3	3.40	4.00
3.16	YES							
L0000113		0	0.55249E-02	435684.9	3768654.2	282.2	3.40	4.00
3.16	YES							
L0000114		0	0.55249E-02	435684.9	3768645.6	282.1	3.40	4.00
3.16	YES							
L0000115		0	0.55249E-02	435684.9	3768637.0	282.0	3.40	4.00
3.16	YES							
L0000116		0	0.55249E-02	435684.9	3768628.4	281.9	3.40	4.00
3.16	YES							
L0000117		0	0.55249E-02	435692.3	3768627.2	282.0	3.40	4.00
3.16	YES							
L0000118		0	0.55249E-02	435700.9	3768627.1	282.1	3.40	4.00
3.16	YES							
L0000119		0	0.55249E-02	435709.5	3768627.0	282.2	3.40	4.00
3.16	YES							
L0000120		0	0.55249E-02	435718.1	3768626.9	282.3	3.40	4.00

3.16 YES  
 ▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID		CATS.	BY					
(METERS)								
L0000121		0	0.55249E-02	435726.7	3768626.8	282.4	3.40	4.00
3.16	YES							
L0000122		0	0.55249E-02	435735.3	3768626.7	282.4	3.40	4.00
3.16	YES							
L0000123		0	0.55249E-02	435743.9	3768626.6	282.5	3.40	4.00
3.16	YES							
L0000124		0	0.55249E-02	435752.5	3768626.5	282.6	3.40	4.00
3.16	YES							
L0000125		0	0.55249E-02	435761.1	3768626.4	282.7	3.40	4.00
3.16	YES							
L0000126		0	0.55249E-02	435769.7	3768626.3	282.8	3.40	4.00
3.16	YES							
L0000127		0	0.55249E-02	435777.5	3768627.0	282.8	3.40	4.00
3.16	YES							
L0000128		0	0.55249E-02	435777.6	3768635.6	282.9	3.40	4.00
3.16	YES							
L0000129		0	0.55249E-02	435777.7	3768644.2	283.0	3.40	4.00
3.16	YES							
L0000130		0	0.55249E-02	435777.7	3768652.8	283.0	3.40	4.00
3.16	YES							
L0000131		0	0.55249E-02	435777.8	3768661.4	283.1	3.40	4.00
3.16	YES							
L0000132		0	0.55249E-02	435777.9	3768670.0	283.1	3.40	4.00
3.16	YES							
L0000133		0	0.55249E-02	435777.9	3768678.6	283.2	3.40	4.00
3.16	YES							
L0000134		0	0.55249E-02	435778.0	3768687.2	283.3	3.40	4.00
3.16	YES							
L0000135		0	0.55249E-02	435772.3	3768690.1	283.3	3.40	4.00
3.16	YES							
L0000136		0	0.55249E-02	435763.7	3768690.1	283.3	3.40	4.00
3.16	YES							
L0000137		0	0.55249E-02	435755.1	3768690.2	283.2	3.40	4.00
3.16	YES							
L0000138		0	0.55249E-02	435746.5	3768690.2	283.1	3.40	4.00
3.16	YES							
L0000139		0	0.55249E-02	435737.9	3768690.3	283.1	3.40	4.00

3.16	YES							
L0000140		0	0.55249E-02	435729.3	3768690.4	283.0	3.40	4.00
3.16	YES							
L0000141		0	0.55249E-02	435720.7	3768690.4	282.9	3.40	4.00
3.16	YES							
L0000142		0	0.55249E-02	435712.1	3768690.5	282.9	3.40	4.00
3.16	YES							
L0000143		0	0.55249E-02	435703.5	3768690.5	282.8	3.40	4.00
3.16	YES							
L0000144		0	0.55249E-02	435698.7	3768686.7	282.7	3.40	4.00
3.16	YES							
L0000145		0	0.55249E-02	435698.5	3768678.1	282.6	3.40	4.00
3.16	YES							
L0000146		0	0.55249E-02	435698.3	3768669.5	282.4	3.40	4.00
3.16	YES							
L0000147		0	0.55249E-02	435698.2	3768660.9	282.4	3.40	4.00
3.16	YES							
L0000148		0	0.55249E-02	435698.0	3768652.3	282.3	3.40	4.00
3.16	YES							
L0000149		0	0.55249E-02	435697.8	3768643.7	282.2	3.40	4.00
3.16	YES							
L0000150		0	0.55249E-02	435702.2	3768639.6	282.2	3.40	4.00
3.16	YES							
L0000151		0	0.55249E-02	435710.8	3768639.6	282.3	3.40	4.00
3.16	YES							
L0000152		0	0.55249E-02	435719.4	3768639.6	282.4	3.40	4.00
3.16	YES							
L0000153		0	0.55249E-02	435728.0	3768639.6	282.5	3.40	4.00
3.16	YES							
L0000154		0	0.55249E-02	435736.6	3768639.6	282.6	3.40	4.00
3.16	YES							
L0000155		0	0.55249E-02	435745.2	3768639.6	282.7	3.40	4.00
3.16	YES							
L0000156		0	0.55249E-02	435753.8	3768639.6	282.8	3.40	4.00
3.16	YES							
L0000157		0	0.55249E-02	435762.4	3768639.6	282.8	3.40	4.00
3.16	YES							
L0000158		0	0.55249E-02	435764.4	3768646.5	282.9	3.40	4.00
3.16	YES							
L0000159		0	0.55249E-02	435764.7	3768655.1	283.0	3.40	4.00
3.16	YES							
L0000160		0	0.55249E-02	435765.1	3768663.7	283.0	3.40	4.00

3.16 YES  
 ▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE		EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY	
SZ	SOURCE	PART.	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	
ID		CATS.	BY						
(METERS)									
L0000161		0	0.55249E-02		435765.4	3768672.2	283.1	3.40	4.00
3.16	YES								
L0000162		0	0.55249E-02		435764.6	3768679.7	283.2	3.40	4.00
3.16	YES								
L0000163		0	0.55249E-02		435756.0	3768679.5	283.1	3.40	4.00
3.16	YES								
L0000164		0	0.55249E-02		435747.4	3768679.2	283.0	3.40	4.00
3.16	YES								
L0000165		0	0.55249E-02		435738.8	3768679.0	282.9	3.40	4.00
3.16	YES								
L0000166		0	0.55249E-02		435730.2	3768678.7	282.9	3.40	4.00
3.16	YES								
L0000167		0	0.55249E-02		435721.6	3768678.5	282.8	3.40	4.00
3.16	YES								
L0000168		0	0.55249E-02		435713.0	3768678.2	282.7	3.40	4.00
3.16	YES								
L0000169		0	0.55249E-02		435710.9	3768671.5	282.6	3.40	4.00
3.16	YES								
L0000170		0	0.55249E-02		435710.5	3768662.9	282.5	3.40	4.00
3.16	YES								
L0000171		0	0.55249E-02		435710.2	3768654.3	282.4	3.40	4.00
3.16	YES								
L0000172		0	0.55249E-02		435715.8	3768651.4	282.4	3.40	4.00
3.16	YES								
L0000173		0	0.55249E-02		435724.4	3768651.2	282.5	3.40	4.00
3.16	YES								
L0000174		0	0.55249E-02		435733.0	3768651.1	282.6	3.40	4.00
3.16	YES								
L0000175		0	0.55249E-02		435741.6	3768651.0	282.7	3.40	4.00
3.16	YES								
L0000176		0	0.55249E-02		435750.2	3768650.9	282.8	3.40	4.00
3.16	YES								
L0000177		0	0.55249E-02		435751.2	3768659.0	282.9	3.40	4.00
3.16	YES								
L0000178		0	0.55249E-02		435751.8	3768667.6	282.9	3.40	4.00
3.16	YES								
L0000179		0	0.55249E-02		435743.5	3768667.9	282.9	3.40	4.00

3.16 YES  
L0000180 0 0.55249E-02 435734.9 3768667.9 282.8 3.40 4.00

3.16 YES  
L0000181 0 0.55249E-02 435726.3 3768667.9 282.7 3.40 4.00

3.16 YES  
▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 7

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

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

SRCGROUP ID	SOURCE IDs									
-----	-----									
ALL	L0000001	,	L0000002	,	L0000003	,	L0000004	,	L0000005	,
L0000006	, L0000007	,	L0000008	,						
	L0000009	,	L0000010	,	L0000011	,	L0000012	,	L0000013	,
L0000014	, L0000015	,	L0000016	,						
	L0000017	,	L0000018	,	L0000019	,	L0000020	,	L0000021	,
L0000022	, L0000023	,	L0000024	,						
	L0000025	,	L0000026	,	L0000027	,	L0000028	,	L0000029	,
L0000030	, L0000031	,	L0000032	,						
	L0000033	,	L0000034	,	L0000035	,	L0000036	,	L0000037	,
L0000038	, L0000039	,	L0000040	,						
	L0000041	,	L0000042	,	L0000043	,	L0000044	,	L0000045	,
L0000046	, L0000047	,	L0000048	,						
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,
L0000054	, L0000055	,	L0000056	,						
	L0000057	,	L0000058	,	L0000059	,	L0000060	,	L0000061	,
L0000062	, L0000063	,	L0000064	,						
	L0000065	,	L0000066	,	L0000067	,	L0000068	,	L0000069	,
L0000070	, L0000071	,	L0000072	,						
	L0000073	,	L0000074	,	L0000075	,	L0000076	,	L0000077	,
L0000078	, L0000079	,	L0000080	,						





L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 9

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

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000005 L0000008	2035210. , L0000006 ,	L0000001 , L0000002 , L0000003 , L0000004 , , L0000007 ,
L0000014	L0000009 , L0000015	, L0000010 , L0000011 , L0000012 , L0000013 , , L0000016 ,
L0000022	L0000017 , L0000023	, L0000018 , L0000019 , L0000020 , L0000021 , , L0000024 ,
L0000030	L0000025 , L0000031	, L0000026 , L0000027 , L0000028 , L0000029 , , L0000032 ,
L0000038	L0000033 , L0000039	, L0000034 , L0000035 , L0000036 , L0000037 , , L0000040 ,
L0000046	L0000041 , L0000047	, L0000042 , L0000043 , L0000044 , L0000045 , , L0000048 ,
L0000054	L0000049 , L0000055	, L0000050 , L0000051 , L0000052 , L0000053 , , L0000056 ,
L0000062	L0000057 , L0000063	, L0000058 , L0000059 , L0000060 , L0000061 , , L0000064 ,
L0000070	L0000065 , L0000071	, L0000066 , L0000067 , L0000068 , L0000069 , , L0000072 ,
L0000078	L0000073 , L0000079	, L0000074 , L0000075 , L0000076 , L0000077 , , L0000080 ,
L0000086	L0000081 , L0000087	, L0000082 , L0000083 , L0000084 , L0000085 , , L0000088 ,

L0000094      L0000089      , L0000090      , L0000091      , L0000092      , L0000093      ,  
                  , L0000095      , L0000096      ,  
  
 L0000102      L0000097      , L0000098      , L0000099      , L0000100      , L0000101      ,  
                  , L0000103      , L0000104      ,  
  
 L0000110      L0000105      , L0000106      , L0000107      , L0000108      , L0000109      ,  
                  , L0000111      , L0000112      ,  
  
 L0000118      L0000113      , L0000114      , L0000115      , L0000116      , L0000117      ,  
                  , L0000119      , L0000120      ,  
  
 L0000126      L0000121      , L0000122      , L0000123      , L0000124      , L0000125      ,  
                  , L0000127      , L0000128      ,  
  
 L0000134      L0000129      , L0000130      , L0000131      , L0000132      , L0000133      ,  
                  , L0000135      , L0000136      ,  
  
 L0000142      L0000137      , L0000138      , L0000139      , L0000140      , L0000141      ,  
                  , L0000143      , L0000144      ,  
  
 L0000150      L0000145      , L0000146      , L0000147      , L0000148      , L0000149      ,  
                  , L0000151      , L0000152      ,  
  
 L0000158      L0000153      , L0000154      , L0000155      , L0000156      , L0000157      ,  
                  , L0000159      , L0000160      ,

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                  \*\*\*      10:46:33

PAGE 10

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

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000166	L0000161 , L0000167	L0000162 , L0000168
		L0000163 , L0000164 , L0000165
L0000174	L0000169 , L0000175	L0000170 , L0000176
		L0000171 , L0000172 , L0000173
	L0000177	L0000178 , L0000179 , L0000180 , L0000181

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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                                  \*\*\*        10:46:33

PAGE 11

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

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

431735.2, 432134.1, 432533.1, 432932.1, 433331.0, 433730.0, 434129.0,  
 434528.0, 434926.9, 435325.9,  
 435724.9, 436123.8, 436522.8, 436921.8, 437320.8, 437719.7, 438118.7,  
 438517.7, 438916.6, 439315.6,  
 439714.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3764671.5, 3765070.4, 3765469.4, 3765868.4, 3766267.3, 3766666.3, 3767065.3,  
 3767464.2, 3767863.2, 3768262.2,  
 3768661.2, 3769060.1, 3769459.1, 3769858.1, 3770257.0, 3770656.0, 3771055.0,  
 3771454.0, 3771852.9, 3772251.9,  
 3772650.9,

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
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PAGE 12

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

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)	X-COORD (METERS)	X-COORD (METERS)	X-COORD (METERS)	X-COORD (METERS)
433730.02	431735.17	432134.14	432533.11	432932.08	433331.05
434128.99	434527.96	434926.93			

-----

3772650.86	329.50	333.40	337.20	340.60	342.20
------------	--------	--------	--------	--------	--------

346.10	346.80	350.70	354.20			
3772251.89		321.70	324.60	327.80	330.20	333.90
335.60		337.10	340.70	344.20		
3771852.92		312.80	314.80	318.70	321.00	322.70
325.10		327.70	331.50	334.50		
3771453.95		303.30	306.30	310.90	313.10	314.70
320.30		321.20	326.00	327.30		
3771054.98		296.40	299.20	301.90	303.60	305.80
308.30		311.60	314.90	318.00		
3770656.01		289.70	292.00	294.40	296.20	298.40
301.40		304.00	307.30	310.20		
3770257.04		283.10	285.30	287.40	289.90	292.10
294.90		297.30	299.70	302.80		
3769858.07		277.30	279.70	281.90	284.20	286.70
288.50		290.30	294.80	296.20		
3769459.10		272.40	274.70	276.80	278.10	281.20
282.40		285.50	287.30	289.90		
3769060.13		268.30	269.60	271.40	273.70	276.50
277.90		279.30	276.90	283.50		
3768661.16		263.90	264.90	267.00	269.10	270.20
272.50		273.60	276.70	277.40		
3768262.19		259.80	260.70	262.90	263.70	265.90
267.20		267.60	269.70	272.60		
3767863.22		255.40	256.50	259.00	260.50	260.90
261.80		262.50	264.80	267.30		
3767464.25		251.60	254.00	254.00	255.80	256.80
257.00		257.60	259.90	262.20		
3767065.28		249.20	249.40	250.40	250.20	252.10
252.10		253.40	255.20	257.70		
3766666.31		244.40	245.20	247.20	245.30	248.10
248.00		248.80	250.70	252.30		
3766267.34		240.40	240.90	244.00	240.60	242.90
244.80		244.40	246.10	246.90		
3765868.37		236.30	237.80	239.70	236.90	238.10
239.90		239.70	241.20	242.00		
3765469.40		231.80	232.20	235.00	234.40	234.90
233.90		236.10	237.10	237.30		
3765070.43		230.90	229.20	229.00	229.50	229.70
230.60		230.80	231.70	232.80		
3764671.46		226.50	225.80	226.40	225.70	224.80
226.40		225.50	226.40	227.70		

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                                  \*\*\*              10:46:33

PAGE 13

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

\*\*\* NETWORK ID: UCART1      ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
437320.75	437719.72	435325.90	435724.87	436123.84	436522.81	436921.78
437320.75	437719.72	438118.69	438517.66			
-----						
3772650.86		355.40	358.80	362.10	364.10	366.40
367.10	368.20	368.20	368.20			
3772251.89		339.40	349.60	351.40	354.70	356.10
357.40	358.20	358.90	359.10			
3771852.92		327.80	339.60	343.00	345.20	346.80
347.70	348.70	350.20	350.10			
3771453.95		329.70	332.40	333.00	335.80	337.70
340.10	340.90	341.40	341.60			
3771054.98		320.60	323.10	325.40	328.70	330.00
331.50	332.60	333.60	334.10			
3770656.01		312.60	315.00	317.60	320.20	322.10
323.90	324.70	325.90	327.20			
3770257.04		305.70	307.30	310.50	312.80	314.60
316.70	317.70	319.20	319.70			
3769858.07		298.50	301.00	304.00	306.40	307.50
309.20	310.20	311.70	312.70			
3769459.10		292.50	294.50	297.00	299.60	300.70
302.40	303.60	305.00	306.10			
3769060.13		286.50	288.40	291.40	293.60	295.30
296.20	297.40	298.20	299.60			
3768661.16		280.70	282.60	286.10	287.00	288.20
289.60	290.60	291.50	293.20			
3768262.19		274.40	277.80	280.80	281.10	282.60
284.00	285.30	286.40	286.20			
3767863.22		268.90	272.50	275.40	275.40	276.70
278.30	279.10	279.30	279.40			
3767464.25		264.20	267.70	268.40	269.50	269.90
272.00	274.10	273.70	274.40			
3767065.28		258.00	261.70	262.30	263.80	265.40
265.80	267.90	267.80	267.40			
3766666.31		253.10	257.00	256.20	259.00	260.30
260.70	262.50	264.00	265.30			
3766267.34		246.50	249.60	251.20	253.20	253.50
255.90	258.00	257.70	257.10			
3765868.37		242.30	244.90	246.30	248.30	249.10
251.30	252.80	252.00	252.80			
3765469.40		237.80	240.20	241.30	242.60	244.00
246.40	246.80	246.80	248.10			
3765070.43		233.00	234.60	236.40	238.20	239.70
239.50	241.30	241.40	243.50			

3764671.46	228.10	229.90	230.70	232.70	234.40
234.90	236.60	238.30	239.20		

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                                          \*\*\*                      10:46:33

PAGE 14

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

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)		
	438916.63	439315.60	439714.57
3772650.86	367.70	367.90	367.40
3772251.89	359.10	359.60	359.20
3771852.92	350.20	351.00	350.90
3771453.95	342.60	343.20	342.80
3771054.98	335.50	335.60	335.30
3770656.01	327.90	328.00	328.20
3770257.04	320.60	320.10	320.20
3769858.07	313.20	313.40	313.10
3769459.10	306.40	306.50	306.90
3769060.13	300.00	299.80	300.70
3768661.16	293.30	293.60	294.70
3768262.19	286.70	287.60	288.60
3767863.22	280.90	281.30	282.70
3767464.25	274.80	275.10	276.70
3767065.28	269.20	270.10	271.50
3766666.31	263.60	264.90	266.40
3766267.34	258.20	260.50	259.30
3765868.37	254.40	254.30	254.30
3765469.40	248.00	248.40	248.80
3765070.43	243.40	243.20	244.10
3764671.46	238.20	238.80	239.20

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 15

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

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
433730.02	434128.99	431735.17	432134.14	432533.11	432932.08	433331.05
433730.02	434128.99	434527.96	434926.93			
-----						
3772650.86		329.50	333.40	337.20	340.60	342.20
346.10	346.80	350.70	354.20			
3772251.89		321.70	324.60	327.80	330.20	333.90
335.60	337.10	340.70	344.20			
3771852.92		312.80	314.80	318.70	321.00	322.70
325.10	327.70	331.50	334.50			
3771453.95		303.30	306.30	310.90	313.10	314.70
320.30	321.20	326.00	327.30			
3771054.98		302.10	299.20	301.90	303.60	305.80
308.30	311.60	314.90	318.00			
3770656.01		289.70	292.00	294.40	296.20	298.40
301.40	304.00	307.30	310.20			
3770257.04		283.10	285.30	287.40	289.90	292.10
294.90	297.30	299.70	302.80			
3769858.07		277.30	279.70	281.90	284.20	286.70
288.50	290.30	294.80	296.20			
3769459.10		272.40	274.70	276.80	278.10	281.20
282.40	285.50	287.30	289.90			
3769060.13		268.30	269.60	271.40	273.70	276.50
277.90	279.30	281.20	283.50			
3768661.16		263.90	264.90	267.00	269.10	270.20
272.50	273.60	276.70	277.40			
3768262.19		259.80	260.70	262.90	263.70	265.90
267.20	267.60	269.70	272.60			
3767863.22		255.40	256.50	259.00	260.50	260.90
261.80	262.50	264.80	267.30			
3767464.25		251.60	254.00	254.00	255.80	256.80
257.00	257.60	259.90	262.20			
3767065.28		249.20	249.40	250.40	250.20	252.10
252.10	253.40	255.20	257.70			
3766666.31		244.40	245.20	247.20	245.30	248.10
248.00	248.80	250.70	252.30			
3766267.34		240.40	240.90	244.00	244.10	242.90
244.80	244.40	246.10	246.90			
3765868.37		236.30	237.80	239.70	236.90	238.10
239.90	239.70	241.20	242.00			
3765469.40		231.80	232.20	235.00	234.40	234.90
233.90	236.10	237.10	237.30			
3765070.43		237.10	234.90	238.00	229.50	229.70
230.60	230.80	231.70	232.80			

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3764671.46 |          261.60          225.80          226.40          225.70          224.80
226.40          225.50          226.40          227.70
^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 16

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

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

```

Y-COORD | X-COORD (METERS)
(METERS) |          435325.90          435724.87          436123.84          436522.81          436921.78
437320.75 | 437719.72          438118.69          438517.66
-----

```

```

3772650.86 |          355.40          358.80          362.10          364.10          366.40
367.10          368.20          368.20          368.20
3772251.89 |          347.10          349.60          351.40          354.70          356.10
357.40          358.20          358.90          359.10
3771852.92 |          338.80          339.60          343.00          345.20          346.80
347.70          348.70          350.20          350.10
3771453.95 |          329.70          332.40          333.00          335.80          337.70
340.10          340.90          341.40          341.60
3771054.98 |          320.60          323.10          325.40          328.70          330.00
331.50          332.60          333.60          334.10
3770656.01 |          312.60          315.00          317.60          320.20          322.10
323.90          324.70          325.90          327.20
3770257.04 |          305.70          307.30          310.50          312.80          314.60
316.70          317.70          319.20          319.70
3769858.07 |          298.50          301.00          304.00          306.40          307.50
309.20          310.20          311.70          312.70
3769459.10 |          292.50          294.50          297.00          299.60          300.70
302.40          303.60          305.00          306.10
3769060.13 |          286.50          288.40          291.40          293.60          295.30
296.20          297.40          298.20          299.60
3768661.16 |          280.70          282.60          286.10          287.00          288.20
289.60          290.60          291.50          293.20
3768262.19 |          274.40          277.80          280.80          281.10          282.60
284.00          285.30          286.40          286.20
3767863.22 |          268.90          272.50          275.40          275.40          276.70
278.30          279.10          279.30          279.40
3767464.25 |          264.20          267.70          268.40          269.50          269.90
272.00          274.10          273.70          274.40
3767065.28 |          258.00          261.70          262.30          263.80          265.40

```



265.80	267.90	267.80	267.40			
3766666.31	253.10	257.00	256.20	259.00	260.30	
260.70	262.50	264.00	265.30			
3766267.34	246.50	249.60	251.20	253.20	253.50	
255.90	258.00	257.70	257.10			
3765868.37	242.30	244.90	246.30	248.30	249.10	
251.30	252.80	252.00	252.80			
3765469.40	237.80	240.20	241.30	242.60	244.00	
246.40	246.80	246.80	248.10			
3765070.43	233.00	234.60	236.40	238.20	239.70	
239.50	241.30	241.40	243.50			
3764671.46	228.10	229.90	230.70	232.70	234.40	
234.90	236.60	238.30	239.20			

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                                  \*\*\*        10:46:33

PAGE 17

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

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)		
	438916.63	439315.60	439714.57
3772650.86	367.70	367.90	367.40
3772251.89	359.10	359.60	359.20
3771852.92	350.20	351.00	350.90
3771453.95	342.60	343.20	342.80
3771054.98	335.50	335.60	335.30
3770656.01	327.90	328.00	328.20
3770257.04	320.60	320.10	320.20
3769858.07	313.20	313.40	313.10
3769459.10	306.40	306.50	306.90
3769060.13	300.00	299.80	300.70
3768661.16	293.30	293.60	294.70
3768262.19	286.70	287.60	288.60
3767863.22	280.90	281.30	282.70
3767464.25	274.80	275.10	276.70
3767065.28	269.20	270.10	271.50
3766666.31	263.60	264.90	266.40
3766267.34	258.20	260.50	259.30
3765868.37	254.40	254.30	254.30
3765469.40	248.00	248.40	248.80

3765070.43 | 243.40 243.20 244.10  
3764671.46 | 238.20 238.80 239.20  
▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
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\*\*\* 10:46:33

PAGE 18

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

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

433962.5, 433982.5, 434002.5, 434022.5, 434042.5, 434062.5, 434082.5,  
434102.5, 434122.5, 434142.5,  
434162.5, 434182.5, 434202.5, 434222.5, 434242.5, 434262.5, 434282.5,  
434302.5, 434322.5, 434342.5,  
434362.5, 434382.5, 434402.5, 434422.5, 434442.5, 434462.5, 434482.5,  
434502.5, 434522.5, 434542.5,  
434562.5, 434582.5, 434602.5, 434622.5, 434642.5, 434662.5, 434682.5,  
434702.5, 434722.5, 434742.5,  
434762.5, 434782.5, 434802.5, 434822.5, 434842.5, 434862.5, 434882.5,  
434902.5, 434922.5, 434942.5,  
434962.5, 434982.5, 435002.5, 435022.5, 435042.5, 435062.5, 435082.5,  
435102.5, 435122.5, 435142.5,  
435162.5, 435182.5, 435202.5, 435222.5, 435242.5, 435262.5, 435282.5,  
435302.5, 435322.5, 435342.5,  
435362.5, 435382.5, 435402.5, 435422.5, 435442.5, 435462.5, 435482.5,  
435502.5, 435522.5, 435542.5,  
435562.5, 435582.5, 435602.5, 435622.5, 435642.5, 435662.5, 435682.5,  
435702.5, 435722.5, 435742.5,  
435762.5, 435782.5, 435802.5, 435822.5, 435842.5, 435862.5, 435882.5,  
435902.5, 435922.5, 435942.5,  
435962.5, 435982.5, 436002.5, 436022.5, 436042.5, 436062.5, 436082.5,  
436102.5, 436122.5, 436142.5,  
436162.5, 436182.5, 436202.5, 436222.5, 436242.5, 436262.5, 436282.5,  
436302.5, 436322.5, 436342.5,  
436362.5, 436382.5, 436402.5, 436422.5, 436442.5, 436462.5, 436482.5,  
436502.5, 436522.5, 436542.5,  
436562.5, 436582.5, 436602.5, 436622.5, 436642.5, 436662.5, 436682.5,  
436702.5, 436722.5, 436742.5,  
436762.5, 436782.5, 436802.5, 436822.5, 436842.5, 436862.5, 436882.5,  
436902.5, 436922.5, 436942.5,  
436962.5, 436982.5, 437002.5, 437022.5, 437042.5, 437062.5, 437082.5,  
437102.5, 437122.5, 437142.5,

437162.5,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3767555.1, 3767575.1, 3767595.1, 3767615.1, 3767635.1, 3767655.1, 3767675.1,  
3767695.1, 3767715.1, 3767735.1,  
3767755.1, 3767775.1, 3767795.1, 3767815.1, 3767835.1, 3767855.1, 3767875.1,  
3767895.1, 3767915.1, 3767935.1,  
3767955.1, 3767975.1, 3767995.1, 3768015.1, 3768035.1, 3768055.1, 3768075.1,  
3768095.1, 3768115.1, 3768135.1,  
3768155.1, 3768175.1, 3768195.1, 3768215.1, 3768235.1, 3768255.1, 3768275.1,  
3768295.1, 3768315.1, 3768335.1,  
3768355.1, 3768375.1, 3768395.1, 3768415.1, 3768435.1, 3768455.1, 3768475.1,  
3768495.1, 3768515.1, 3768535.1,  
3768555.1,

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\*\*\* 10:46:33

PAGE 19

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	433962.46	433982.46	434002.46	434022.46	434042.46
434062.46	434082.46	434102.46	434122.46		

3768555.07	272.10	272.00	272.00	272.00	272.00
272.10	272.20	272.30	272.30		
3768535.07	271.70	271.60	271.50	271.40	271.50
271.60	271.80	271.90	271.90		
3768515.07	271.30	271.30	271.20	271.00	271.00
271.10	271.30	271.30	271.30		
3768495.07	271.00	271.00	270.80	270.60	270.60
270.60	270.80	270.80	270.80		
3768475.07	270.70	270.70	270.50	270.30	270.30
270.30	270.50	270.50	270.50		
3768455.07	270.30	270.30	270.20	270.00	270.00
270.10	270.20	270.20	270.20		
3768435.07	270.00	269.90	269.80	269.70	269.70
269.80	269.90	269.90	269.90		
3768415.07	269.70	269.60	269.50	269.50	269.50

269.60	269.60	269.60	269.70			
3768395.07		269.30	269.30	269.20	269.30	269.30
269.40		269.40	269.40			
3768375.07		269.00	269.00	268.90	269.00	269.10
269.10		269.10	269.10			
3768355.07		268.70	268.60	268.60	268.70	268.80
268.80		268.90	268.90	268.70		
3768335.07		268.30	268.30	268.30	268.40	268.40
268.50		268.60	268.70	268.40		
3768315.07		268.00	268.00	268.10	268.10	268.10
268.20		268.40	268.50	268.20		
3768295.07		267.70	267.70	267.70	267.50	267.50
267.60		267.80	268.00	267.90		
3768275.07		267.40	267.40	267.30	267.00	267.00
267.10		267.40	267.60	267.70		
3768255.07		267.10	267.00	266.80	266.50	266.60
266.80		267.10	267.40	267.50		
3768235.07		266.80	266.70	266.60	266.40	266.50
266.80		267.10	267.40	267.40		
3768215.07		266.50	266.40	266.30	266.20	266.50
266.80		267.00	267.30	267.30		
3768195.07		266.10	266.10	266.10	266.10	266.40
266.70		266.90	267.00	267.10		
3768175.07		265.70	265.80	265.90	266.00	266.20
266.30		266.40	266.50	266.60		
3768155.07		265.40	265.50	265.70	265.80	265.90
265.90		265.90	266.00	266.10		
3768135.07		265.10	265.20	265.50	265.70	265.70
265.60		265.50	265.50	265.70		
3768115.07		264.70	264.80	265.10	265.40	265.40
265.20		265.10	265.20	265.40		
3768095.07		264.30	264.40	264.80	265.10	265.10
264.90		264.80	264.90	265.30		
3768075.07		264.00	264.20	264.50	264.90	264.90
264.70		264.60	264.70	264.90		
3768055.07		263.80	263.90	264.30	264.70	264.70
264.50		264.30	264.50	264.60		
3768035.07		263.50	263.70	264.10	264.40	264.40
264.20		264.10	264.20	264.30		
3768015.07		263.30	263.50	263.80	264.00	264.10
263.90		263.80	263.90	264.00		
3767995.07		263.10	263.20	263.40	263.60	263.70
263.60		263.60	263.70	263.80		
3767975.07		262.80	262.90	263.10	263.20	263.30
263.30		263.30	263.40	263.60		
3767955.07		262.60	262.70	262.80	262.90	263.00
263.00		263.10	263.30	263.40		
3767935.07		262.40	262.40	262.50	262.60	262.70
262.70		262.80	263.00	263.30		
3767915.07		262.10	262.10	262.20	262.40	262.50

262.50	262.50	262.80	263.00			
3767895.07		261.90	261.80	261.90	262.10	262.20
262.20	262.20	262.50	262.80			
3767875.07		261.60	261.60	261.70	261.80	261.90
261.90	262.00	262.30	262.60			
3767855.07		261.40	261.30	261.40	261.60	261.70
261.70	261.80	262.10	262.40			
3767835.07		261.20	261.10	261.10	261.30	261.50
261.50	261.60	261.90	262.30			
3767815.07		261.00	260.90	260.90	261.10	261.30
261.30	261.40	261.70	262.10			
3767795.07		260.70	260.70	260.70	260.90	261.20
261.20	261.30	261.50	261.80			
3767775.07		260.50	260.50	260.60	260.80	261.00
261.00	261.10	261.30	261.50			

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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 20

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		433962.46	433982.46	434002.46	434022.46	434042.46
434062.46		434082.46	434102.46	434122.46		

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3767755.07		260.30	260.40	260.60	260.70	260.90
261.00	261.00	261.20	261.20			
3767735.07		260.10	260.40	260.80	261.00	261.10
261.10	261.20	261.30	261.10			
3767715.07		259.80	260.10	260.50	260.60	260.70
260.80	260.90	260.90	260.80			
3767695.07		259.40	259.70	260.00	260.00	260.10
260.20	260.30	260.40	260.50			
3767675.07		259.10	259.20	259.40	259.50	259.60
259.70	259.80	260.10	260.20			
3767655.07		258.90	259.10	259.30	259.50	259.50
259.60	259.70	259.90	260.00			
3767635.07		258.70	259.00	259.40	259.50	259.60
259.70	259.80	259.80	259.80			
3767615.07		258.50	258.80	259.10	259.30	259.40
259.40	259.50	259.50	259.50			

3767595.07	258.20	258.40	258.70	258.80	258.90
259.00	259.10	259.20	259.20		
3767575.07	258.00	258.00	258.20	258.30	258.40
258.40	258.60	258.80	258.90		
3767555.07	257.80	257.90	258.10	258.20	258.30
258.30	258.50	258.70	258.80		

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 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 21

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434142.46	434162.46	434182.46	434202.46	434222.46
434242.46	434262.46	434282.46	434302.46		

3768555.07	272.30	272.40	272.40	272.40	272.40
272.60	273.00	273.20	273.30		
3768535.07	271.80	271.90	271.90	271.80	271.80
272.10	272.70	273.10	273.30		
3768515.07	271.40	271.40	271.50	271.40	271.40
271.70	272.40	272.80	273.10		
3768495.07	270.90	271.10	271.20	271.10	271.00
271.30	272.00	272.50	272.80		
3768475.07	270.60	270.70	270.80	270.70	270.60
271.00	271.50	272.00	272.30		
3768455.07	270.30	270.40	270.40	270.30	270.30
270.50	270.90	271.40	271.70		
3768435.07	270.00	270.10	270.00	270.00	269.90
270.10	270.30	270.60	270.90		
3768415.07	269.80	269.80	269.70	269.70	269.70
269.80	270.10	270.40	270.70		
3768395.07	269.40	269.40	269.40	269.50	269.40
269.60	269.80	270.10	270.30		
3768375.07	269.00	269.00	269.10	269.20	269.20
269.30	269.50	269.70	269.90		
3768355.07	268.50	268.40	268.60	269.00	269.00
269.20	269.30	269.50	269.70		
3768335.07	268.10	268.00	268.30	268.70	268.90
269.00	269.20	269.40	269.50		
3768315.07	267.90	267.80	268.10	268.60	268.80

268.90	269.10	269.30	269.40			
3768295.07		267.70	267.70	267.90	268.40	268.60
268.80		268.90	269.10	269.10		
3768275.07		267.60	267.50	267.80	268.30	268.40
268.60		268.80	268.90	269.00		
3768255.07		267.40	267.40	267.60	268.10	268.20
268.40		268.60	268.80	268.90		
3768235.07		267.30	267.20	267.50	267.80	267.90
268.10		268.20	268.40	268.60		
3768215.07		267.10	267.10	267.30	267.60	267.60
267.70		267.90	268.10	268.30		
3768195.07		266.90	266.90	267.10	267.30	267.30
267.50		267.70	267.90	268.10		
3768175.07		266.60	266.60	266.70	266.90	266.90
267.00		267.20	267.40	267.50		
3768155.07		266.20	266.20	266.30	266.40	266.50
266.60		266.70	266.80	266.90		
3768135.07		265.80	265.90	265.90	266.10	266.20
266.20		266.30	266.50	266.60		
3768115.07		265.60	265.60	265.70	265.90	266.10
266.10		266.20	266.50	266.60		
3768095.07		265.40	265.50	265.60	265.80	266.00
266.00		266.20	266.60	266.70		
3768075.07		265.10	265.30	265.50	265.60	265.90
265.90		266.10	266.60	266.70		
3768055.07		264.80	265.00	265.20	265.30	265.50
265.60		265.80	266.30	266.40		
3768035.07		264.50	264.60	264.80	264.90	265.10
265.20		265.40	265.70	265.80		
3768015.07		264.10	264.20	264.40	264.50	264.70
264.90		265.10	265.40	265.40		
3767995.07		263.80	263.90	264.00	264.20	264.30
264.50		264.80	265.10	265.10		
3767975.07		263.60	263.70	263.80	264.00	264.00
264.10		264.40	264.80	264.90		
3767955.07		263.40	263.60	263.90	264.10	263.90
263.90		263.90	264.20	264.30		
3767935.07		263.20	263.40	263.80	264.00	263.80
263.60		263.60	263.80	263.90		
3767915.07		263.00	263.20	263.60	263.90	263.60
263.40		263.50	263.60	263.70		
3767895.07		262.80	263.00	263.40	263.70	263.40
263.30		263.30	263.40	263.50		
3767875.07		262.60	262.80	263.20	263.40	263.20
263.10		263.00	263.20	263.30		
3767855.07		262.40	262.60	262.80	263.20	263.00
262.80		262.80	263.00	263.10		
3767835.07		262.30	262.30	262.60	262.90	262.80
262.60		262.60	262.70	262.90		
3767815.07		262.10	262.10	262.30	262.70	262.60





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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434322.46	434342.46	434362.46	434382.46	434402.46
434422.46	434442.46	434462.46	434482.46		

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3768555.07	273.50	273.70	273.90	274.10	274.30
274.40	274.40	274.40	274.50		
3768535.07	273.40	273.60	273.80	274.00	274.20
274.20	274.00	273.80	274.00		
3768515.07	273.20	273.40	273.60	273.80	273.90
273.90	273.70	273.40	273.60		
3768495.07	273.00	273.20	273.30	273.50	273.70
273.60	273.40	273.00	273.10		
3768475.07	272.60	272.80	273.00	273.20	273.30
273.30	273.00	272.70	272.70		
3768455.07	272.00	272.20	272.50	272.70	272.80
272.80	272.60	272.30	272.40		
3768435.07	271.20	271.50	271.80	272.10	272.20
272.20	272.10	272.00	272.00		
3768415.07	270.90	271.20	271.50	271.70	271.90
271.90	271.90	271.70	271.60		
3768395.07	270.60	270.80	271.00	271.30	271.50
271.60	271.50	271.40	271.30		
3768375.07	270.10	270.30	270.50	270.70	270.90
271.10	271.10	271.00	271.00		
3768355.07	269.90	270.10	270.30	270.60	270.60
270.80	270.80	270.70	270.70		
3768335.07	269.80	270.00	270.10	270.40	270.40
270.50	270.50	270.40	270.50		
3768315.07	269.60	269.80	269.80	270.10	270.10
270.20	270.20	270.20	270.20		
3768295.07	269.30	269.50	269.60	269.80	269.80
269.90	270.00	269.90	270.00		
3768275.07	269.10	269.20	269.30	269.50	269.50
269.60	269.70	269.70	269.80		
3768255.07	269.00	269.10	269.20	269.30	269.30
269.40	269.50	269.40	269.50		
3768235.07	268.70	268.80	268.90	269.10	269.10
269.20	269.30	269.20	269.20		
3768215.07	268.40	268.50	268.70	268.90	269.00



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434322.46	434342.46	434362.46	434382.46	434402.46
434422.46	434442.46	434462.46	434482.46		

3767755.07	262.20	262.20	262.30	262.30	262.40
262.50	262.60	262.80	262.90		
3767735.07	262.10	262.10	262.10	262.10	262.10
262.20	262.40	262.60	262.60		
3767715.07	262.00	262.00	261.90	262.00	261.90
262.00	262.30	262.40	262.40		
3767695.07	261.80	261.80	261.80	261.80	261.70
261.90	262.10	262.30	262.30		
3767675.07	261.50	261.50	261.60	261.60	261.50
261.80	262.00	262.20	262.20		
3767655.07	261.20	261.30	261.30	261.40	261.40
261.70	261.90	262.00	262.10		
3767635.07	260.90	261.10	261.20	261.30	261.30
261.50	261.80	261.90	261.90		
3767615.07	260.70	260.90	261.00	261.10	261.20
261.40	261.60	261.70	261.70		
3767595.07	260.40	260.60	260.80	260.90	261.00
261.20	261.40	261.50	261.60		
3767575.07	260.10	260.30	260.50	260.80	260.90
261.10	261.20	261.30	261.40		
3767555.07	259.90	260.10	260.30	260.60	260.60
260.80	260.90	261.10	261.10		

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	434502.46	434522.46	434542.46	434562.46	434582.46
434602.46	434622.46	434642.46	434662.46		

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3768555.07	274.60	274.70	274.80	275.00	275.00
275.10	275.10	275.30	275.30		
3768535.07	274.10	274.20	274.20	274.70	274.70
274.70	274.80	275.00	275.10		
3768515.07	273.70	273.70	273.80	274.30	274.50
274.50	274.50	274.70	274.80		
3768495.07	273.20	273.30	273.40	274.00	274.20
274.20	274.30	274.40	274.40		
3768475.07	272.80	272.80	272.90	273.20	273.30
273.30	273.40	273.70	273.80		
3768455.07	272.40	272.40	272.40	272.60	272.50
272.50	272.70	273.10	273.30		
3768435.07	272.00	272.00	271.90	271.90	271.70
271.80	272.10	272.60	272.80		
3768415.07	271.60	271.50	271.50	271.70	271.50
271.70	272.10	272.60	272.80		
3768395.07	271.20	271.10	271.10	271.40	271.40
271.60	271.90	272.40	272.60		
3768375.07	270.90	270.80	270.90	271.30	271.30
271.30	271.50	271.80	272.20		
3768355.07	270.70	270.70	270.70	271.10	271.10
271.20	271.30	271.50	272.00		
3768335.07	270.60	270.60	270.60	271.00	271.00
271.00	271.10	271.40	271.90		
3768315.07	270.40	270.40	270.50	270.90	270.90
270.90	271.00	271.20	271.70		
3768295.07	270.20	270.20	270.30	270.70	270.90
270.90	270.90	271.20	271.60		
3768275.07	269.90	270.00	270.00	270.40	270.60
270.70	270.80	271.00	271.50		
3768255.07	269.60	269.60	269.60	269.90	270.00
270.10	270.10	270.30	270.80		
3768235.07	269.30	269.20	269.20	269.50	269.60
269.60	269.60	269.90	270.40		
3768215.07	269.00	268.90	268.90	269.30	269.30
269.20	269.20	269.60	270.10		
3768195.07	268.80	268.70	268.70	269.00	269.10
269.10	269.10	269.40	269.80		
3768175.07	268.50	268.50	268.50	268.70	268.80
268.80	268.90	269.20	269.50		
3768155.07	268.30	268.30	268.40	268.40	268.40
268.60	268.80	269.00	269.10		
3768135.07	268.40	268.50	268.50	268.40	268.30
268.50	268.80	269.10	269.20		
3768115.07	268.00	268.20	268.30	268.20	268.00

268.30	268.60	268.80	268.90			
3768095.07	267.50	267.70	267.90	267.90	267.70	
268.00	268.20	268.30	268.30			
3768075.07	267.20	267.50	267.70	267.70	267.50	
267.80	268.00	268.10	268.10			
3768055.07	266.90	267.30	267.50	267.40	267.30	
267.60	267.80	267.90	267.90			
3768035.07	266.80	267.00	267.20	267.10	267.10	
267.30	267.50	267.60	267.60			
3768015.07	266.60	266.80	266.90	266.90	267.00	
267.10	267.20	267.30	267.40			
3767995.07	266.60	266.70	266.70	266.80	266.90	
267.00	267.10	267.20	267.20			
3767975.07	266.70	266.70	266.80	266.90	267.00	
267.10	267.10	267.20	267.30			
3767955.07	266.00	266.10	266.30	266.40	266.50	
266.60	266.70	266.80	266.90			
3767935.07	265.40	265.60	265.80	265.90	266.10	
266.20	266.30	266.40	266.40			
3767915.07	265.10	265.30	265.50	265.60	265.80	
265.90	266.00	266.20	266.10			
3767895.07	264.90	265.10	265.30	265.40	265.60	
265.70	265.90	266.00	265.90			
3767875.07	264.70	264.80	265.00	265.20	265.40	
265.50	265.70	265.80	265.60			
3767855.07	264.40	264.60	264.80	264.90	265.10	
265.40	265.60	265.70	265.40			
3767835.07	264.10	264.30	264.50	264.60	264.90	
265.10	265.30	265.50	265.30			
3767815.07	263.70	264.00	264.20	264.40	264.70	
264.80	265.00	265.10	265.10			
3767795.07	263.50	263.70	263.90	264.10	264.30	
264.50	264.70	264.90	265.00			
3767775.07	263.30	263.50	263.70	263.90	264.10	
264.30	264.50	264.70	264.80			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 26

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		434502.46	434522.46	434542.46	434562.46	434582.46

434602.46 434622.46 434642.46 434662.46

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3767755.07	263.10	263.30	263.50	263.70	263.90
264.10	264.30	264.50	264.60		
3767735.07	262.90	263.20	263.40	263.60	263.70
264.00	264.20	264.40	264.50		
3767715.07	262.70	263.10	263.30	263.40	263.60
263.80	264.00	264.20	264.30		
3767695.07	262.60	263.00	263.20	263.20	263.30
263.50	263.80	264.00	264.00		
3767675.07	262.50	262.80	263.00	263.00	263.10
263.30	263.60	263.80	263.80		
3767655.07	262.30	262.50	262.70	262.70	262.90
263.00	263.30	263.50	263.50		
3767635.07	262.10	262.30	262.40	262.40	262.60
262.70	263.00	263.20	263.20		
3767615.07	261.90	262.10	262.20	262.30	262.50
262.60	262.80	263.00	263.00		
3767595.07	261.70	261.90	262.00	262.10	262.30
262.50	262.70	262.80	262.80		
3767575.07	261.50	261.70	261.80	262.00	262.10
262.30	262.60	262.70	262.70		
3767555.07	261.30	261.40	261.60	261.70	261.80
262.00	262.20	262.40	262.40		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 27

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		434682.46	434702.46	434722.46	434742.46 434762.46
434782.46		434802.46	434822.46	434842.46	

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3768555.07	275.40	275.50	275.50	275.50	275.60
275.70	275.80	275.90	276.10		
3768535.07	275.20	275.30	275.20	275.00	275.10
275.20	275.30	275.40	275.80		
3768515.07	274.90	274.90	274.90	274.70	274.60

274.80	274.90	275.00	275.40			
3768495.07		274.40	274.50	274.40	274.30	274.30
274.40		274.50	274.60	274.90		
3768475.07		273.90	274.00	274.00	274.00	274.10
274.20		274.30	274.10	274.40		
3768455.07		273.40	273.40	273.60	273.70	273.80
274.00		274.00	273.80	274.10		
3768435.07		272.80	272.90	273.00	273.30	273.50
273.80		273.90	273.70	274.00		
3768415.07		272.80	272.70	272.80	273.10	273.20
273.50		273.60	273.50	273.80		
3768395.07		272.70	272.60	272.60	272.80	273.00
273.20		273.40	273.50	273.60		
3768375.07		272.50	272.50	272.50	272.70	272.70
273.10		273.50	273.60	273.60		
3768355.07		272.40	272.50	272.40	272.50	272.50
272.70		273.10	273.20	273.10		
3768335.07		272.30	272.30	272.20	272.30	272.20
272.40		272.70	272.80	272.50		
3768315.07		272.10	272.10	272.10	272.10	271.90
272.10		272.40	272.50	272.30		
3768295.07		271.90	272.00	271.90	271.90	271.70
271.90		272.20	272.30	272.10		
3768275.07		271.70	271.80	271.70	271.60	271.40
271.70		272.00	272.20	271.90		
3768255.07		271.00	271.10	271.10	271.10	271.10
271.40		271.80	271.90	271.60		
3768235.07		270.50	270.60	270.70	270.80	270.90
271.20		271.60	271.70	271.40		
3768215.07		270.10	270.20	270.30	270.60	270.60
271.00		271.40	271.50	271.20		
3768195.07		269.90	270.00	270.20	270.40	270.40
270.70		271.10	271.20	271.00		
3768175.07		269.60	269.80	270.00	270.20	270.10
270.40		270.70	270.90	270.80		
3768155.07		269.30	269.50	269.70	269.90	269.80
270.00		270.30	270.50	270.60		
3768135.07		269.40	269.50	269.60	269.60	269.50
269.80		270.10	270.30	270.50		
3768115.07		269.00	269.10	269.10	269.20	269.20
269.50		269.80	270.00	270.20		
3768095.07		268.30	268.30	268.40	268.50	268.80
269.10		269.40	269.70	269.80		
3768075.07		267.90	268.00	268.10	268.30	268.50
268.90		269.20	269.50	269.50		
3768055.07		267.60	267.70	267.90	268.10	268.30
268.60		269.00	269.20	269.20		
3768035.07		267.50	267.60	267.80	268.00	268.00
268.40		268.70	268.90	268.70		
3768015.07		267.30	267.50	267.70	267.80	267.80

268.10	268.50	268.60	268.30			
3767995.07		267.30	267.50	267.60	267.60	267.50
267.80	268.20	268.40	268.00			
3767975.07		267.30	267.40	267.50	267.50	267.30
267.60	267.90	268.10	267.80			
3767955.07		267.00	267.00	267.10	267.20	267.00
267.30	267.70	267.90	267.60			
3767935.07		266.60	266.70	266.70	266.80	266.80
267.00	267.40	267.60	267.40			
3767915.07		266.30	266.40	266.50	266.60	266.50
266.70	267.00	267.20	267.20			
3767895.07		266.10	266.20	266.30	266.40	266.30
266.60	266.90	267.20	267.30			
3767875.07		265.80	265.90	266.00	266.20	266.10
266.50	266.90	267.20	267.30			
3767855.07		265.60	265.70	265.80	265.90	265.80
266.30	266.70	267.00	267.00			
3767835.07		265.40	265.50	265.70	265.70	265.60
266.00	266.40	266.70	266.70			
3767815.07		265.30	265.40	265.50	265.60	265.40
265.80	266.10	266.40	266.40			
3767795.07		265.20	265.30	265.40	265.40	265.20
265.50	265.90	266.10	266.20			
3767775.07		265.00	265.20	265.20	265.20	265.00
265.20	265.50	265.70	265.80			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 28

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		434682.46	434702.46	434722.46	434742.46	434762.46
434782.46		434802.46	434822.46	434842.46		

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3767755.07		264.80	264.90	265.00	265.00	264.70
264.90	265.10	265.30	265.40			
3767735.07		264.70	264.80	264.90	264.90	264.60
264.70	264.90	265.00	265.10			
3767715.07		264.50	264.70	264.70	264.70	264.40
264.50	264.70	264.90	264.90			



3767695.07	264.30	264.40	264.50	264.50	264.20
264.30	264.50	264.70	264.70		
3767675.07	264.10	264.20	264.20	264.30	264.00
264.20	264.40	264.60	264.60		
3767655.07	263.80	263.90	264.00	264.00	263.80
264.00	264.30	264.40	264.40		
3767635.07	263.60	263.60	263.70	263.70	263.60
263.70	264.00	264.10	264.10		
3767615.07	263.40	263.40	263.40	263.50	263.30
263.50	263.70	263.80	263.80		
3767595.07	263.10	263.20	263.20	263.30	263.10
263.20	263.40	263.50	263.50		
3767575.07	262.90	263.00	263.00	263.00	262.80
263.00	263.10	263.20	263.20		
3767555.07	262.60	262.70	262.70	262.70	262.60
262.70	262.80	262.80	262.80		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 29

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434862.46	434882.46	434902.46	434922.46	434942.46
434962.46	434982.46	435002.46	435022.46		

3768555.07	276.30	276.40	276.50	276.60	276.80
276.90	277.00	277.10	277.30		
3768535.07	275.90	276.00	276.00	276.00	276.20
276.40	276.60	276.70	276.80		
3768515.07	275.60	275.60	275.50	275.50	275.70
276.00	276.20	276.40	276.50		
3768495.07	275.30	275.40	275.20	275.10	275.40
275.80	276.00	276.20	276.30		
3768475.07	274.90	275.20	275.10	274.90	275.30
275.70	276.00	276.10	276.20		
3768455.07	274.60	274.90	274.90	274.70	275.10
275.50	275.70	275.90	276.00		
3768435.07	274.30	274.50	274.60	274.50	274.90
275.10	275.20	275.40	275.50		
3768415.07	274.00	274.10	274.20	274.30	274.60

274.80	274.90	275.10	275.30			
3768395.07		273.70	273.90	274.00	274.20	274.50
274.60		274.90	275.10			
3768375.07		273.80	273.90	274.10	274.40	274.50
274.60		274.80	275.00			
3768355.07		273.30	273.50	273.70	273.90	274.00
274.10		274.40	274.60			
3768335.07		272.80	273.00	273.10	273.30	273.40
273.60		273.90	274.10			
3768315.07		272.40	272.60	272.70	272.90	273.20
273.30		273.60	273.70			
3768295.07		272.20	272.40	272.50	272.80	273.00
273.10		273.40	273.40			
3768275.07		272.10	272.30	272.50	272.70	272.80
272.90		273.10	273.20			
3768255.07		272.00	272.20	272.30	272.50	272.50
272.60		272.70	272.80			
3768235.07		271.70	272.00	272.10	272.20	272.30
272.30		272.40	272.50			
3768215.07		271.50	271.70	271.80	271.90	272.00
272.00		272.20	272.30			
3768195.07		271.30	271.50	271.60	271.70	271.80
271.80		271.90	272.00			
3768175.07		271.00	271.20	271.30	271.40	271.50
271.50		271.60	271.70			
3768155.07		270.70	270.90	271.00	271.00	271.10
271.20		271.40	271.40			
3768135.07		270.60	270.70	270.90	270.90	270.90
271.00		271.20	271.40			
3768115.07		270.30	270.50	270.60	270.70	270.70
270.70		271.00	271.10			
3768095.07		270.00	270.20	270.30	270.40	270.40
270.30		270.50	270.70			
3768075.07		269.70	269.80	270.00	270.10	270.10
269.90		270.10	270.30			
3768055.07		269.30	269.50	269.70	269.80	269.80
269.50		269.70	270.00			
3768035.07		268.90	269.20	269.40	269.50	269.50
269.10		269.40	269.70			
3768015.07		268.60	268.90	269.10	269.30	269.20
268.90		269.20	269.60			
3767995.07		268.30	268.60	268.90	269.00	269.00
268.70		269.00	269.40			
3767975.07		268.10	268.40	268.60	268.70	268.80
268.50		268.90	269.20			
3767955.07		268.00	268.20	268.30	268.40	268.50
268.30		268.70	268.90			
3767935.07		267.80	268.00	268.00	268.10	268.20
268.10		268.40	268.60			
3767915.07		267.40	267.60	267.60	267.70	267.90

267.80	267.90	268.10	268.20			
3767895.07	267.40	267.50	267.50	267.60	267.80	
267.80	267.90	268.00	268.10			
3767875.07	267.40	267.40	267.50	267.60	267.80	
267.90	267.90	268.00	268.10			
3767855.07	267.10	267.10	267.10	267.10	267.20	
267.40	267.50	267.60	267.80			
3767835.07	266.80	266.80	266.70	266.70	266.80	
267.00	267.20	267.40	267.50			
3767815.07	266.50	266.40	266.40	266.40	266.50	
266.70	266.90	267.10	267.30			
3767795.07	266.20	266.30	266.30	266.40	266.50	
266.60	266.70	266.90	267.00			
3767775.07	265.90	266.00	266.00	266.10	266.20	
266.30	266.40	266.60	266.70			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 30

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD	X-COORD (METERS)					
(METERS)	434862.46	434882.46	434902.46	434922.46	434942.46	
434962.46	434982.46	435002.46	435022.46			
-----						

3767755.07	265.40	265.50	265.60	265.70	265.80	
265.90	266.00	266.10	266.20			
3767735.07	265.20	265.20	265.20	265.30	265.30	
265.50	265.60	265.70	265.80			
3767715.07	264.90	264.90	264.90	264.90	265.00	
265.10	265.20	265.30	265.50			
3767695.07	264.70	264.60	264.60	264.60	264.70	
264.80	264.90	265.00	265.30			
3767675.07	264.60	264.50	264.40	264.40	264.50	
264.60	264.70	264.90	265.10			
3767655.07	264.40	264.30	264.20	264.20	264.30	
264.40	264.50	264.70	265.00			
3767635.07	264.00	264.00	263.90	263.90	264.00	
264.30	264.40	264.50	264.80			
3767615.07	263.80	263.80	263.80	263.80	263.80	
264.10	264.20	264.30	264.60			

3767595.07	263.60	263.70	263.70	263.70	263.70
263.90	263.90	264.10	264.40		
3767575.07	263.30	263.40	263.40	263.40	263.50
263.60	263.70	263.80	263.90		
3767555.07	262.90	263.10	263.10	263.20	263.30
263.40	263.50	263.50	263.60		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 31

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435042.46	435062.46	435082.46	435102.46	435122.46
435142.46	435162.46	435182.46	435202.46		

3768555.07	277.40	277.60	277.70	277.80	277.90
278.10	278.20	278.30	278.40		
3768535.07	277.00	277.10	277.20	277.30	277.40
277.50	277.60	277.70	277.80		
3768515.07	276.60	276.80	276.80	276.90	277.00
277.10	277.20	277.20	277.30		
3768495.07	276.40	276.50	276.60	276.70	276.80
276.90	276.90	277.00	277.00		
3768475.07	276.30	276.50	276.60	276.70	276.80
276.80	276.80	276.80	276.80		
3768455.07	276.20	276.30	276.50	276.60	276.60
276.70	276.70	276.60	276.60		
3768435.07	275.70	275.80	276.00	276.10	276.20
276.20	276.30	276.30	276.30		
3768415.07	275.40	275.50	275.70	275.80	275.80
275.90	276.00	276.00	275.90		
3768395.07	275.20	275.30	275.40	275.50	275.60
275.60	275.70	275.70	275.50		
3768375.07	275.20	275.30	275.40	275.50	275.50
275.50	275.60	275.60	275.40		
3768355.07	274.70	274.80	275.00	275.00	275.10
275.10	275.10	275.20	275.10		
3768335.07	274.10	274.30	274.40	274.50	274.50
274.50	274.60	274.70	274.70		
3768315.07	273.80	274.00	274.10	274.20	274.20

274.30	274.30	274.50	274.40			
3768295.07		273.50	273.70	273.80	273.90	273.90
274.00		274.10	274.20	274.20		
3768275.07		273.30	273.40	273.60	273.60	273.70
273.70		273.90	274.00	274.10		
3768255.07		272.90	273.00	273.10	273.20	273.30
273.40		273.60	273.80	273.90		
3768235.07		272.60	272.70	272.70	272.80	272.90
273.10		273.40	273.60	273.80		
3768215.07		272.30	272.40	272.40	272.40	272.50
272.80		273.10	273.40	273.70		
3768195.07		272.00	272.10	272.20	272.20	272.30
272.60		272.80	273.10	273.40		
3768175.07		271.80	271.90	272.00	272.10	272.10
272.30		272.50	272.80	273.10		
3768155.07		271.50	271.60	271.70	271.80	271.90
272.10		272.20	272.40	272.60		
3768135.07		271.40	271.50	271.60	271.70	271.80
271.90		272.00	272.20	272.40		
3768115.07		271.20	271.20	271.30	271.40	271.50
271.60		271.70	271.90	272.10		
3768095.07		270.80	270.90	270.90	271.00	271.10
271.20		271.30	271.50	271.60		
3768075.07		270.50	270.60	270.60	270.60	270.60
270.80		271.00	271.20	271.30		
3768055.07		270.20	270.30	270.30	270.20	270.10
270.40		270.70	270.90	271.00		
3768035.07		270.00	270.00	270.00	269.80	269.60
270.00		270.40	270.70	270.80		
3768015.07		269.70	269.80	269.70	269.50	269.30
269.70		270.10	270.40	270.40		
3767995.07		269.50	269.50	269.40	269.20	269.00
269.40		269.80	270.10	270.10		
3767975.07		269.20	269.30	269.20	269.00	268.70
269.10		269.50	269.70	269.60		
3767955.07		269.00	269.00	268.90	268.70	268.50
268.90		269.20	269.30	269.20		
3767935.07		268.70	268.70	268.60	268.40	268.20
268.60		268.90	268.90	268.80		
3767915.07		268.20	268.30	268.20	268.10	267.90
268.40		268.60	268.60	268.50		
3767895.07		268.10	268.10	268.00	267.90	267.70
268.10		268.30	268.30	268.30		
3767875.07		268.10	268.10	268.00	267.90	267.60
267.80		268.00	268.10	268.00		
3767855.07		267.80	267.80	267.80	267.70	267.40
267.70		267.90	267.90	267.80		
3767835.07		267.60	267.50	267.50	267.40	267.30
267.60		267.70	267.60	267.50		
3767815.07		267.30	267.30	267.20	267.20	267.10



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435222.46	435242.46	435262.46	435282.46	435302.46
435322.46	435342.46	435362.46	435382.46		

3768555.07	278.50	278.60	278.70	278.90	279.00
279.20	279.30	279.40	279.40		
3768535.07	278.00	278.10	278.20	278.40	278.60
278.70	278.70	278.80	278.70		
3768515.07	277.50	277.60	277.80	278.10	278.30
278.30	278.30	278.20	278.20		
3768495.07	277.20	277.30	277.50	277.90	278.10
278.10	278.00	277.90	278.00		
3768475.07	276.90	277.10	277.30	277.70	277.90
277.80	277.70	277.60	277.70		
3768455.07	276.70	276.80	277.00	277.40	277.50
277.40	277.20	277.20	277.30		
3768435.07	276.30	276.40	276.60	276.90	277.00
276.80	276.60	276.40	276.60		
3768415.07	275.80	275.80	276.10	276.50	276.70
276.50	276.20	276.00	276.30		
3768395.07	275.20	275.30	275.70	276.20	276.40
276.30	275.90	275.80	276.20		
3768375.07	275.00	275.00	275.40	275.90	276.20
276.10	275.70	275.60	276.10		
3768355.07	274.60	274.70	275.10	275.60	275.80
275.70	275.40	275.30	275.80		
3768335.07	274.30	274.40	274.90	275.20	275.30
275.30	275.10	275.00	275.40		
3768315.07	274.00	274.10	274.40	274.60	274.70
274.70	274.70	274.60	275.00		
3768295.07	273.90	273.90	274.10	274.20	274.30
274.40	274.40	274.50	274.80		
3768275.07	273.70	273.70	273.90	274.00	274.10
274.20	274.30	274.40	274.50		
3768255.07	273.60	273.70	274.00	274.20	274.30
274.50	274.60	274.70	274.80		
3768235.07	273.50	273.60	273.90	274.30	274.40
274.50	274.70	274.90	275.00		
3768215.07	273.40	273.50	273.80	274.10	274.20





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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435222.46	435242.46	435262.46	435282.46	435302.46
435322.46	435342.46	435362.46	435382.46		

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3767755.07	266.40	266.70	267.10	267.50	267.90
268.10	268.30	268.50	268.70		
3767735.07	266.20	266.60	267.00	267.40	267.70
267.90	268.20	268.40	268.60		
3767715.07	266.00	266.40	266.80	267.30	267.60
267.80	268.00	268.20	268.40		
3767695.07	265.80	266.20	266.70	267.10	267.40
267.60	267.70	267.80	267.90		
3767675.07	265.60	266.10	266.50	266.90	267.20
267.30	267.40	267.50	267.60		
3767655.07	265.50	266.00	266.40	266.70	266.90
267.10	267.10	267.20	267.40		
3767635.07	265.50	265.90	266.20	266.50	266.70
266.80	267.00	267.10	267.10		
3767615.07	265.40	265.80	266.10	266.30	266.50
266.60	266.70	266.70	266.80		
3767595.07	265.30	265.60	265.90	266.10	266.20
266.30	266.30	266.40	266.40		
3767575.07	265.20	265.50	265.70	265.80	265.90
266.00	266.00	266.00	266.00		
3767555.07	265.00	265.30	265.50	265.50	265.60
265.70	265.70	265.70	265.70		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	435402.46	435422.46	435442.46	435462.46	435482.46
435502.46	435522.46	435542.46	435562.46		

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3768555.07	279.50	279.60	279.70	279.90	280.10
280.20	280.30	280.50	280.70		
3768535.07	278.80	278.90	279.10	279.30	279.80
279.90	280.00	280.10	280.30		
3768515.07	278.20	278.30	278.50	278.90	279.60
279.70	279.70	279.70	279.80		
3768495.07	278.00	278.10	278.30	278.80	279.50
279.70	279.70	279.60	279.50		
3768475.07	277.80	277.90	278.10	278.40	279.00
279.30	279.40	279.40	279.20		
3768455.07	277.40	277.60	277.70	277.90	278.30
278.70	279.00	279.20	278.90		
3768435.07	276.70	276.90	277.10	277.30	277.50
277.90	278.40	278.80	278.70		
3768415.07	276.50	276.70	276.90	277.00	277.20
277.60	278.20	278.50	278.40		
3768395.07	276.40	276.60	276.80	277.00	277.20
277.60	278.10	278.30	278.10		
3768375.07	276.30	276.50	276.60	276.80	277.00
277.50	277.90	278.10	277.80		
3768355.07	276.00	276.20	276.30	276.50	276.80
277.30	277.70	277.80	277.50		
3768335.07	275.70	275.90	276.00	276.10	276.40
276.90	277.30	277.50	277.10		
3768315.07	275.30	275.40	275.50	275.80	276.10
276.50	277.00	277.20	276.80		
3768295.07	274.90	275.00	275.20	275.50	275.80
276.20	276.70	276.80	276.50		
3768275.07	274.60	274.70	274.90	275.40	275.60
276.00	276.30	276.50	276.10		
3768255.07	274.90	275.00	275.10	275.40	275.40
275.70	276.00	276.20	275.80		
3768235.07	275.00	275.10	275.20	275.30	275.20
275.50	275.70	275.80	275.50		
3768215.07	275.00	275.10	275.10	275.10	275.10
275.20	275.40	275.50	275.20		
3768195.07	274.80	274.80	274.80	274.70	274.70
274.70	275.00	275.10	274.90		
3768175.07	274.50	274.50	274.40	274.30	274.20
274.20	274.50	274.70	274.70		
3768155.07	274.10	274.10	273.90	273.60	273.50
273.70	274.00	274.30	274.50		
3768135.07	273.90	273.80	273.60	273.20	273.20
273.60	274.00	274.30	274.40		
3768115.07	273.60	273.50	273.30	272.90	273.00

273.50	274.00	274.20	274.40			
3768095.07		273.10	273.00	272.80	272.60	272.80
273.30		274.10	274.20			
3768075.07		272.70	272.60	272.50	272.40	272.60
273.10		273.80	274.00			
3768055.07		272.20	272.20	272.10	272.10	272.40
272.80		273.50	273.70			
3768035.07		271.90	271.90	271.90	271.90	272.20
272.60		273.00	273.30	273.40		
3768015.07		271.50	271.60	271.60	271.70	272.00
272.40		272.80	273.00	273.20		
3767995.07		271.10	271.20	271.30	271.50	271.80
272.20		272.50	272.70	272.90		
3767975.07		270.80	271.00	271.10	271.30	271.60
272.00		272.20	272.40	272.60		
3767955.07		270.50	270.70	270.90	271.00	271.40
271.70		271.90	272.10	272.30		
3767935.07		270.30	270.50	270.60	270.80	271.20
271.40		271.50	271.70	272.00		
3767915.07		270.00	270.30	270.40	270.60	271.00
271.20		271.30	271.50	271.80		
3767895.07		269.80	270.10	270.30	270.50	270.80
271.00		271.20	271.40	271.60		
3767875.07		269.70	269.90	270.10	270.40	270.60
270.80		271.00	271.20	271.40		
3767855.07		269.50	269.80	270.00	270.20	270.40
270.60		270.80	271.00	271.20		
3767835.07		269.50	269.70	269.90	270.10	270.20
270.40		270.70	270.90	271.00		
3767815.07		269.50	269.70	269.80	269.80	270.00
270.30		270.50	270.70	270.70		
3767795.07		269.30	269.50	269.60	269.70	269.90
270.10		270.40	270.50	270.50		
3767775.07		269.10	269.30	269.40	269.50	269.70
270.00		270.10	270.20	270.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 36

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		435402.46	435422.46	435442.46	435462.46	435482.46

435502.46 435522.46 435542.46 435562.46

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3767755.07		268.90	269.10	269.20	269.40	269.50
269.70		269.80	269.90	269.90		
3767735.07		268.80	269.00	269.20	269.20	269.20
269.40		269.50	269.60	269.70		
3767715.07		268.60	268.80	269.00	269.00	268.80
269.00		269.20	269.30	269.40		
3767695.07		268.10	268.20	268.40	268.40	268.30
268.60		268.90	269.00	269.10		
3767675.07		267.70	267.80	267.90	268.00	268.00
268.30		268.50	268.70	268.80		
3767655.07		267.40	267.50	267.60	267.70	267.80
268.10		268.20	268.40	268.50		
3767635.07		267.10	267.20	267.20	267.30	267.50
267.70		267.90	268.10	268.20		
3767615.07		266.80	266.80	266.80	266.90	267.10
267.30		267.50	267.70	267.90		
3767595.07		266.30	266.40	266.40	266.50	266.70
266.90		267.10	267.30	267.60		
3767575.07		266.00	266.00	266.00	266.10	266.30
266.60		266.80	267.10	267.30		
3767555.07		265.70	265.60	265.70	265.80	266.10
266.30		266.60	266.80	267.00		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 37

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		435582.46	435602.46	435622.46	435642.46	435662.46
435682.46		435702.46	435722.46	435742.46		

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3768555.07		280.70	280.80	280.90	281.00	281.10
281.10		281.20	281.40	281.50		
3768535.07		280.30	280.40	280.50	280.60	280.60
280.60		280.70	280.90	281.00		
3768515.07		279.90	280.00	280.10	280.20	280.20

280.20	280.20	280.40	280.50			
3768495.07		279.60	279.70	279.80	279.90	280.00
280.00		280.10	280.20	280.40		
3768475.07		279.30	279.40	279.50	279.60	279.70
279.80		279.80	280.00	280.20		
3768455.07		279.00	279.10	279.20	279.20	279.40
279.50		279.60	279.70	279.90		
3768435.07		278.80	278.90	279.00	279.00	279.20
279.40		279.60	279.70	279.90		
3768415.07		278.60	278.70	278.80	278.80	279.00
279.40		279.60	279.70	279.90		
3768395.07		278.30	278.40	278.50	278.50	278.90
279.40		279.70	279.80	280.10		
3768375.07		277.90	278.10	278.20	278.20	278.70
279.20		279.60	279.70	279.90		
3768355.07		277.60	277.70	277.80	278.00	278.30
278.70		279.00	279.30	279.60		
3768335.07		277.20	277.40	277.50	277.60	277.70
277.90		278.20	278.50	279.00		
3768315.07		276.90	277.10	277.30	277.40	277.50
277.60		277.90	278.30	278.80		
3768295.07		276.60	276.90	277.00	277.10	277.20
277.40		277.70	278.10	278.50		
3768275.07		276.30	276.60	276.80	276.80	277.00
277.20		277.60	277.90	278.10		
3768255.07		276.00	276.30	276.50	276.70	276.80
277.10		277.40	277.70	277.90		
3768235.07		275.70	276.00	276.30	276.50	276.70
277.00		277.30	277.50	277.70		
3768215.07		275.40	275.80	276.10	276.30	276.60
276.80		277.10	277.30	277.50		
3768195.07		275.20	275.60	275.90	276.10	276.40
276.70		276.90	277.10	277.30		
3768175.07		275.00	275.40	275.70	276.00	276.30
276.50		276.80	276.90	277.10		
3768155.07		274.90	275.20	275.50	275.80	276.10
276.40		276.60	276.80	276.90		
3768135.07		275.00	275.30	275.50	275.70	276.10
276.50		276.60	276.60	276.80		
3768115.07		275.10	275.30	275.40	275.50	276.00
276.40		276.40	276.30	276.60		
3768095.07		274.90	275.10	275.20	275.30	275.70
275.90		275.70	275.60	275.90		
3768075.07		274.60	274.90	275.00	275.10	275.40
275.50		275.30	275.10	275.40		
3768055.07		274.40	274.70	274.80	274.80	275.10
275.10		274.90	274.80	275.00		
3768035.07		274.10	274.50	274.50	274.60	274.80
274.80		274.60	274.50	274.70		
3768015.07		273.90	274.30	274.30	274.30	274.50

274.40	274.30	274.20	274.50			
3767995.07	273.70	274.20	274.20	274.00	274.10	
274.10	273.90	273.90	274.30			
3767975.07	273.50	274.00	274.20	274.10	274.10	
273.90	273.70	273.60	274.00			
3767955.07	273.10	273.60	273.80	273.80	273.80	
273.70	273.50	273.40	273.80			
3767935.07	272.50	272.90	273.20	273.30	273.40	
273.50	273.30	273.30	273.70			
3767915.07	272.20	272.60	272.80	273.00	273.00	
273.20	273.10	273.10	273.50			
3767895.07	271.90	272.30	272.50	272.60	272.70	
273.00	272.90	272.90	273.20			
3767875.07	271.70	272.00	272.20	272.20	272.40	
272.70	272.70	272.70	272.80			
3767855.07	271.40	271.80	272.00	272.00	272.20	
272.50	272.50	272.50	272.50			
3767835.07	271.20	271.60	271.70	271.70	272.00	
272.30	272.30	272.20	272.30			
3767815.07	270.90	271.20	271.40	271.40	271.70	
272.00	272.00	271.90	272.00			
3767795.07	270.60	271.00	271.20	271.30	271.50	
271.70	271.70	271.70	271.80			
3767775.07	270.40	270.80	271.00	271.10	271.30	
271.40	271.50	271.60	271.70			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 38

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		435582.46	435602.46	435622.46	435642.46	435662.46
435682.46		435702.46	435722.46	435742.46		

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3767755.07	270.30	270.70	270.90	271.00	271.10
271.20	271.40	271.60	271.80		
3767735.07	270.00	270.30	270.50	270.60	270.70
270.70	271.00	271.30	271.60		
3767715.07	269.60	269.80	270.00	270.20	270.30
270.30	270.60	271.00	271.30		

3767695.07	269.30	269.60	269.80	270.10	270.20
270.20	270.50	270.80	271.00		
3767675.07	269.00	269.20	269.60	269.90	270.10
270.10	270.40	270.60	270.70		
3767655.07	268.70	268.90	269.30	269.70	269.90
269.90	270.20	270.40	270.40		
3767635.07	268.50	268.70	269.00	269.40	269.60
269.70	269.90	270.10	270.20		
3767615.07	268.20	268.50	268.80	269.10	269.30
269.40	269.60	269.80	270.00		
3767595.07	267.80	268.20	268.50	268.80	269.00
269.10	269.40	269.60	269.90		
3767575.07	267.50	267.90	268.30	268.60	268.80
269.00	269.20	269.40	269.70		
3767555.07	267.20	267.60	268.00	268.40	268.60
268.70	269.00	269.20	269.40		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 39

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435762.46	435782.46	435802.46	435822.46	435842.46
435862.46	435882.46	435902.46	435922.46		

3768555.07	281.80	282.10	282.30	282.50	282.70
282.90	283.10	283.30	283.60		
3768535.07	281.40	281.70	282.10	282.20	282.30
282.50	282.70	283.00	283.30		
3768515.07	281.00	281.50	281.80	281.90	282.00
282.20	282.40	282.60	283.10		
3768495.07	280.80	281.20	281.50	281.50	281.60
281.90	282.10	282.40	282.70		
3768475.07	280.60	280.90	281.10	281.00	281.30
281.60	281.90	282.10	282.50		
3768455.07	280.30	280.60	280.60	280.50	280.90
281.30	281.60	281.90	282.20		
3768435.07	280.20	280.40	280.40	280.20	280.60
281.00	281.40	281.80	282.10		
3768415.07	280.20	280.30	280.20	280.10	280.40

280.80	281.30	281.70	281.90			
3768395.07		280.20	280.20	280.10	279.90	280.30
280.70	281.10	281.60	281.80			
3768375.07		280.10	280.10	279.90	279.80	280.20
280.60	281.00	281.40	281.60			
3768355.07		279.80	279.90	279.80	279.60	280.00
280.40	280.80	281.10	281.30			
3768335.07		279.50	279.70	279.60	279.50	279.80
280.10	280.40	280.70	280.90			
3768315.07		279.20	279.50	279.50	279.30	279.50
279.80	280.00	280.30	280.50			
3768295.07		278.90	279.30	279.40	279.20	279.40
279.60	279.80	280.00	280.20			
3768275.07		278.60	279.00	279.20	279.20	279.40
279.60	279.80	280.00	280.20			
3768255.07		278.20	278.50	278.70	278.80	279.10
279.50	279.70	279.80	279.90			
3768235.07		277.80	278.00	278.20	278.50	278.90
279.30	279.50	279.50	279.50			
3768215.07		277.60	277.70	277.90	278.30	278.70
279.10	279.20	279.20	279.10			
3768195.07		277.30	277.50	277.80	278.20	278.50
278.80	278.90	278.80	278.80			
3768175.07		277.20	277.40	277.70	278.10	278.40
278.50	278.50	278.50	278.60			
3768155.07		277.10	277.40	277.70	277.90	278.10
278.20	278.20	278.20	278.30			
3768135.07		277.10	277.40	277.70	278.00	278.10
278.00	277.90	277.90	278.10			
3768115.07		276.90	277.30	277.70	277.90	278.00
277.70	277.50	277.50	277.80			
3768095.07		276.30	276.60	276.80	276.90	277.00
277.00	277.00	277.20	277.50			
3768075.07		275.80	276.10	276.20	276.20	276.30
276.50	276.70	277.00	277.20			
3768055.07		275.40	275.70	275.70	275.70	275.90
276.20	276.50	276.70	277.00			
3768035.07		275.20	275.50	275.50	275.50	275.80
276.00	276.30	276.50	276.80			
3768015.07		274.90	275.30	275.30	275.30	275.60
275.90	276.10	276.30	276.60			
3767995.07		274.70	275.10	275.20	275.20	275.50
275.80	275.90	276.10	276.40			
3767975.07		274.50	275.00	275.10	275.10	275.40
275.70	275.90	276.10	276.20			
3767955.07		274.40	274.90	275.10	275.00	275.30
275.60	275.80	276.00	276.10			
3767935.07		274.30	274.80	275.10	275.10	275.20
275.50	275.70	275.90	276.10			
3767915.07		274.10	274.60	274.80	274.90	275.10



275.40	275.60	275.70	276.00			
3767895.07	273.80	274.20	274.40	274.50	274.80	
275.20	275.40	275.50	275.80			
3767875.07	273.30	273.70	273.80	273.90	274.20	
274.80	275.00	275.10	275.40			
3767855.07	273.10	273.50	273.60	273.60	274.00	
274.50	274.70	274.90	275.30			
3767835.07	272.90	273.30	273.40	273.40	273.80	
274.30	274.30	274.60	275.20			
3767815.07	272.50	273.00	273.10	273.20	273.60	
273.90	274.00	274.20	274.70			
3767795.07	272.20	272.60	272.80	273.00	273.40	
273.70	273.80	274.00	274.40			
3767775.07	271.90	272.20	272.60	272.90	273.20	
273.40	273.60	273.80	274.20			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 40

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)				X-COORD (METERS)	
	435762.46	435782.46	435802.46	435822.46	435842.46
435862.46	435882.46	435902.46	435922.46		
-----					

3767755.07	272.00	272.30	272.60	272.90	273.10
273.30	273.50	273.60	273.80		
3767735.07	271.80	272.10	272.40	272.60	272.80
273.00	273.10	273.30	273.40		
3767715.07	271.40	271.70	272.00	272.30	272.50
272.60	272.70	272.90	273.00		
3767695.07	271.10	271.50	271.80	272.10	272.30
272.30	272.40	272.60	272.70		
3767675.07	270.80	271.20	271.60	271.90	272.10
272.10	272.20	272.30	272.50		
3767655.07	270.50	271.00	271.40	271.70	271.80
271.80	271.90	272.10	272.20		
3767635.07	270.40	270.80	271.10	271.40	271.50
271.50	271.60	271.80	271.90		
3767615.07	270.30	270.60	270.80	271.00	271.20
271.30	271.40	271.50	271.60		

3767595.07		270.30	270.40	270.60	270.70	270.90
271.00		271.10	271.20	271.30		
3767575.07		270.00	270.10	270.20	270.30	270.50
270.70		270.80	270.90	271.00		
3767555.07		269.70	269.80	269.80	269.90	270.20
270.40		270.50	270.60	270.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*                      10:46:33

PAGE 41

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		435942.46	435962.46	435982.46	436002.46	436022.46
436042.46		436062.46	436082.46	436102.46		

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3768555.07		283.80	284.00	284.20	284.40	284.50
284.60		284.70	284.70	284.70		
3768535.07		283.50	283.70	283.90	284.10	284.30
284.40		284.40	284.30	284.30		
3768515.07		283.30	283.50	283.60	283.80	284.10
284.20		284.20	283.90	283.80		
3768495.07		283.00	283.20	283.40	283.50	283.80
283.90		283.90	283.80	283.70		
3768475.07		282.70	282.90	283.10	283.30	283.50
283.60		283.60	283.50	283.50		
3768455.07		282.50	282.70	282.80	283.00	283.20
283.30		283.30	283.30	283.30		
3768435.07		282.30	282.40	282.50	282.70	282.90
283.00		282.90	282.90	283.00		
3768415.07		282.10	282.10	282.20	282.50	282.60
282.70		282.60	282.60	282.70		
3768395.07		281.80	281.80	282.00	282.20	282.40
282.40		282.40	282.40	282.40		
3768375.07		281.60	281.60	281.70	282.00	282.20
282.10		282.10	282.10	282.10		
3768355.07		281.30	281.30	281.40	281.80	281.90
281.90		281.80	281.80	281.80		
3768335.07		281.00	281.00	281.20	281.50	281.60
281.50		281.50	281.50	281.60		
3768315.07		280.60	280.70	280.90	281.30	281.30

281.30	281.20	281.30	281.30			
3768295.07		280.40	280.40	280.60	281.00	281.00
281.00		281.00	281.10			
3768275.07		280.30	280.20	280.30	280.60	280.70
280.60		280.70	280.80			
3768255.07		280.00	279.90	279.90	280.20	280.20
280.30		280.30	280.40	280.50		
3768235.07		279.60	279.50	279.60	279.80	279.80
279.90		280.00	280.00	280.10		
3768215.07		279.20	279.20	279.30	279.50	279.60
279.70		279.80	279.90	279.90		
3768195.07		278.90	278.90	279.10	279.30	279.40
279.50		279.60	279.70	279.80		
3768175.07		278.60	278.70	278.80	279.00	279.10
279.30		279.40	279.50	279.60		
3768155.07		278.40	278.50	278.60	278.90	279.00
279.20		279.30	279.40	279.50		
3768135.07		278.20	278.30	278.50	278.90	279.00
279.10		279.20	279.30	279.50		
3768115.07		277.90	278.10	278.50	278.90	278.90
279.00		279.10	279.20	279.30		
3768095.07		277.60	277.80	278.20	278.50	278.30
278.20		278.20	278.30	278.50		
3768075.07		277.40	277.60	278.00	278.20	277.90
277.70		277.70	277.90	278.10		
3768055.07		277.20	277.40	277.80	278.10	277.80
277.50		277.50	277.80	278.00		
3768035.07		277.00	277.20	277.60	277.90	277.70
277.40		277.50	277.80	278.00		
3768015.07		276.80	277.00	277.30	277.70	277.60
277.30		277.40	277.70	277.90		
3767995.07		276.60	276.80	277.10	277.40	277.50
277.10		277.20	277.50	277.70		
3767975.07		276.40	276.50	276.70	277.00	277.10
276.90		277.00	277.20	277.40		
3767955.07		276.30	276.30	276.50	276.70	276.90
276.80		276.90	277.10	277.20		
3767935.07		276.20	276.20	276.30	276.70	277.00
277.00		277.10	277.30	277.30		
3767915.07		276.10	276.10	276.20	276.40	276.60
276.70		276.70	276.80	276.90		
3767895.07		276.00	275.90	275.90	276.10	276.20
276.20		276.20	276.30	276.30		
3767875.07		275.70	275.60	275.60	275.60	275.60
275.60		275.60	275.70	275.70		
3767855.07		275.60	275.50	275.40	275.30	275.40
275.30		275.30	275.40	275.40		
3767835.07		275.50	275.30	275.10	275.10	275.20
275.20		275.20	275.20	275.20		
3767815.07		275.20	275.00	274.90	274.90	275.00



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
	436122.46	436142.46	436162.46	436182.46 436202.46
436222.46	436242.46	436262.46	436282.46	

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3768555.07	284.70	284.70	284.80	284.80	284.80
284.70	284.70	284.70	284.70		
3768535.07	284.30	284.30	284.30	284.40	284.30
284.30	284.30	284.30	284.30		
3768515.07	283.90	283.90	283.90	283.90	283.90
283.90	283.90	283.80	283.90		
3768495.07	283.80	283.80	283.70	283.60	283.60
283.60	283.60	283.50	283.60		
3768475.07	283.60	283.60	283.50	283.30	283.20
283.20	283.20	283.30	283.40		
3768455.07	283.40	283.40	283.20	282.80	282.50
282.70	282.80	283.00	283.20		
3768435.07	283.10	283.20	283.00	282.50	282.20
282.30	282.40	282.60	283.00		
3768415.07	282.90	282.90	282.70	282.20	281.90
281.90	282.00	282.20	282.60		
3768395.07	282.60	282.60	282.40	281.90	281.60
281.50	281.60	281.80	282.10		
3768375.07	282.30	282.30	282.10	281.70	281.30
281.20	281.40	281.60	281.80		
3768355.07	282.00	282.00	281.90	281.40	281.00
281.00	281.10	281.30	281.40		
3768335.07	281.70	281.80	281.60	281.20	280.80
280.60	280.70	280.80	280.90		
3768315.07	281.50	281.50	281.40	281.10	280.70
280.50	280.60	280.70	280.80		
3768295.07	281.20	281.30	281.20	281.00	280.70
280.50	280.50	280.60	280.70		
3768275.07	281.00	281.00	280.90	280.80	280.70
280.40	280.30	280.40	280.50		
3768255.07	280.60	280.70	280.60	280.60	280.70
280.50	280.30	280.20	280.30		
3768235.07	280.20	280.30	280.40	280.40	280.60
280.40	280.20	280.20	280.20		
3768215.07	280.00	280.10	280.20	280.30	280.40



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
436222.46	436122.46	436142.46	436162.46	436182.46
	436242.46	436262.46	436282.46	436202.46

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3767755.07	273.70	273.70	273.80	273.90	273.80
273.60	273.50	273.50	273.50		
3767735.07	273.30	273.30	273.30	273.30	273.10
272.70	272.70	272.70	272.80		
3767715.07	272.90	272.90	272.80	272.60	272.20
271.80	271.80	272.00	272.10		
3767695.07	272.60	272.70	272.60	272.30	271.80
271.60	271.60	271.70	271.90		
3767675.07	272.40	272.40	272.20	271.90	271.50
271.30	271.40	271.50	271.70		
3767655.07	272.20	272.10	271.80	271.50	271.20
271.20	271.20	271.40	271.60		
3767635.07	271.80	271.60	271.30	271.10	270.80
270.80	270.90	271.10	271.30		
3767615.07	271.40	271.10	270.80	270.60	270.40
270.40	270.50	270.70	270.90		
3767595.07	270.80	270.50	270.10	269.90	269.90
269.90	270.00	270.20	270.40		
3767575.07	270.30	270.00	269.90	269.80	269.70
269.80	269.80	269.90	270.20		
3767555.07	269.80	269.70	269.60	269.60	269.70
269.70	269.70	269.80	270.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	436302.46	436322.46	436342.46	436362.46	436382.46
436402.46	436422.46	436442.46	436462.46		

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3768555.07	284.70	284.70	284.70	284.70	284.70
284.90	285.00	285.20	285.20		
3768535.07	284.40	284.40	284.30	284.20	284.20
284.50	284.70	284.80	284.90		
3768515.07	284.00	284.00	283.90	283.70	283.60
284.00	284.30	284.50	284.40		
3768495.07	283.80	283.70	283.50	283.30	283.20
283.50	283.80	284.00	284.10		
3768475.07	283.50	283.40	283.20	282.90	282.90
283.20	283.40	283.60	283.70		
3768455.07	283.10	283.00	282.80	282.60	282.70
282.90	283.10	283.30	283.40		
3768435.07	282.70	282.70	282.60	282.50	282.40
282.60	282.80	283.00	283.10		
3768415.07	282.40	282.40	282.30	282.30	282.20
282.30	282.50	282.60	282.70		
3768395.07	282.10	282.10	282.00	282.00	282.00
282.10	282.20	282.30	282.50		
3768375.07	281.80	281.90	281.80	281.80	281.70
281.80	281.90	282.10	282.20		
3768355.07	281.50	281.60	281.60	281.60	281.50
281.60	281.70	281.80	281.90		
3768335.07	281.10	281.20	281.30	281.30	281.30
281.40	281.50	281.60	281.60		
3768315.07	280.90	281.00	281.10	281.10	281.00
281.20	281.30	281.40	281.30		
3768295.07	280.80	280.90	280.90	280.80	280.80
280.90	281.10	281.10	281.10		
3768275.07	280.50	280.60	280.70	280.60	280.50
280.70	280.90	280.90	280.90		
3768255.07	280.30	280.40	280.40	280.40	280.30
280.40	280.60	280.60	280.60		
3768235.07	280.20	280.20	280.10	280.10	280.00
280.20	280.20	280.20	280.30		
3768215.07	279.90	279.90	279.90	279.80	279.80
279.90	279.90	279.90	280.00		
3768195.07	279.80	279.60	279.60	279.50	279.50
279.60	279.70	279.70	279.70		
3768175.07	279.60	279.40	279.30	279.20	279.20
279.40	279.50	279.50	279.50		
3768155.07	279.20	279.10	278.90	278.90	278.90
279.00	279.10	279.20	279.30		
3768135.07	278.80	278.70	278.60	278.60	278.60
278.70	278.90	278.90	279.00		
3768115.07	278.30	278.20	278.20	278.30	278.30



278.50	278.60	278.70	278.70			
3768095.07	277.90	277.90	278.00	278.00	278.10	
278.30	278.40	278.40	278.40			
3768075.07	277.50	277.60	277.70	277.80	277.90	
278.10	278.20	278.20	278.10			
3768055.07	277.40	277.50	277.50	277.50	277.60	
277.80	277.90	277.90	277.80			
3768035.07	277.20	277.30	277.30	277.30	277.40	
277.60	277.60	277.60	277.50			
3768015.07	277.00	277.10	277.10	277.00	277.10	
277.30	277.30	277.30	277.20			
3767995.07	276.80	276.90	276.90	276.70	276.80	
276.90	277.00	277.00	277.00			
3767975.07	276.50	276.60	276.50	276.40	276.50	
276.60	276.70	276.80	276.80			
3767955.07	276.30	276.30	276.20	276.20	276.20	
276.30	276.50	276.50	276.60			
3767935.07	276.20	276.20	276.10	275.90	275.90	
276.10	276.20	276.30	276.30			
3767915.07	275.90	276.00	275.90	275.70	275.70	
275.80	276.00	276.00	276.10			
3767895.07	275.70	275.80	275.60	275.40	275.40	
275.50	275.70	275.80	275.80			
3767875.07	275.30	275.50	275.30	275.10	275.10	
275.20	275.40	275.50	275.60			
3767855.07	275.00	275.20	275.00	274.80	274.80	
274.90	275.00	275.20	275.30			
3767835.07	274.70	274.90	274.80	274.60	274.50	
274.60	274.70	274.80	274.90			
3767815.07	274.30	274.60	274.50	274.30	274.30	
274.50	274.60	274.70	274.80			
3767795.07	274.10	274.30	274.20	274.00	274.10	
274.30	274.40	274.60	274.80			
3767775.07	274.00	274.20	274.00	273.80	273.80	
274.10	274.30	274.50	274.70			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 46

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		436302.46	436322.46	436342.46	436362.46	436382.46

436402.46 436422.46 436442.46 436462.46

-----

3767755.07		273.50	273.60	273.50	273.50	273.50
273.70		273.90	274.00	274.20		
3767735.07		272.90	273.00	273.10	273.10	273.20
273.40		273.50	273.70	273.80		
3767715.07		272.20	272.50	272.70	272.80	272.90
273.10		273.20	273.30	273.40		
3767695.07		272.00	272.20	272.40	272.60	272.70
272.80		272.90	273.00	273.10		
3767675.07		271.80	272.10	272.20	272.30	272.40
272.60		272.70	272.80	272.90		
3767655.07		271.80	271.90	272.00	272.10	272.20
272.40		272.50	272.60	272.70		
3767635.07		271.50	271.60	271.70	271.80	271.90
271.90		272.20	272.30	272.40		
3767615.07		271.10	271.30	271.40	271.50	271.60
271.40		271.80	272.00	272.00		
3767595.07		270.70	270.90	271.10	271.20	271.30
271.30		271.30	271.40	271.50		
3767575.07		270.50	270.70	270.80	270.80	270.90
270.80		270.90	270.90	271.00		
3767555.07		270.20	270.40	270.50	270.50	270.40
270.40		270.50	270.50	270.60		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 47

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)			
		436482.46	436502.46	436522.46	436542.46 436562.46
436582.46		436602.46	436622.46	436642.46	

-----

3768555.07		285.30	285.40	285.50	285.60	285.60
285.80		285.90	286.00	286.10		
3768535.07		284.90	285.00	285.00	285.10	285.20
285.30		285.40	285.50	285.60		
3768515.07		284.50	284.50	284.50	284.50	284.60

284.70	284.70	284.80	285.00			
3768495.07		284.10	284.20	284.30	284.20	284.20
284.30		284.40	284.50			
3768475.07		283.80	284.00	284.00	284.00	283.90
283.90		284.00	284.10			
3768455.07		283.50	283.70	283.80	283.80	283.70
283.60		283.60	283.60			
3768435.07		283.20	283.50	283.70	283.70	283.50
283.30		283.20	283.30			
3768415.07		283.00	283.20	283.50	283.70	283.40
283.20		283.00	283.10			
3768395.07		282.70	283.00	283.30	283.70	283.60
283.40		283.00	283.10			
3768375.07		282.40	282.60	283.00	283.40	283.40
283.30		282.90	283.00			
3768355.07		282.00	282.30	282.60	283.00	283.10
283.10		282.90	282.90			
3768335.07		281.70	281.80	282.00	282.20	282.40
282.80		282.80	282.80			
3768315.07		281.40	281.50	281.70	281.80	282.00
282.70		282.80	282.70			
3768295.07		281.10	281.30	281.40	281.60	281.90
282.70		282.80	282.70			
3768275.07		280.90	281.10	281.20	281.40	281.70
282.40		282.80	282.80			
3768255.07		280.70	280.80	281.00	281.10	281.30
281.80		282.20	282.20			
3768235.07		280.50	280.60	280.70	280.70	280.80
281.00		281.20	281.30			
3768215.07		280.20	280.30	280.40	280.40	280.50
280.60		280.80	280.90			
3768195.07		279.90	280.00	280.10	280.10	280.10
280.30		280.40	280.50			
3768175.07		279.70	279.70	279.80	279.80	279.90
280.00		280.20	280.20			
3768155.07		279.30	279.40	279.40	279.40	279.50
279.60		279.80	279.90			
3768135.07		279.00	279.00	279.10	279.10	279.20
279.30		279.50	279.60			
3768115.07		278.70	278.70	278.70	278.80	279.00
279.10		279.30	279.40			
3768095.07		278.40	278.40	278.50	278.60	278.70
278.80		279.10	279.20			
3768075.07		278.10	278.20	278.30	278.30	278.40
278.60		278.90	279.00			
3768055.07		277.80	277.90	278.00	278.10	278.20
278.50		278.80	278.90			
3768035.07		277.60	277.70	277.80	277.80	277.90
278.30		278.70	278.80			
3768015.07		277.40	277.40	277.50	277.60	277.70

278.10	278.30	278.50	278.60			
3767995.07	277.10	277.20	277.30	277.40	277.50	
277.80	278.10	278.30	278.40			
3767975.07	276.90	276.90	277.00	277.10	277.20	
277.40	277.70	278.00	278.10			
3767955.07	276.60	276.70	276.70	276.80	276.90	
277.10	277.30	277.50	277.70			
3767935.07	276.30	276.30	276.30	276.40	276.40	
276.50	276.70	276.80	276.90			
3767915.07	276.00	276.00	276.00	276.00	276.10	
276.20	276.20	276.30	276.50			
3767895.07	275.80	275.80	275.70	275.80	275.80	
275.80	275.90	275.90	276.20			
3767875.07	275.60	275.50	275.50	275.50	275.50	
275.50	275.60	275.70	276.00			
3767855.07	275.30	275.30	275.30	275.30	275.40	
275.30	275.30	275.60	276.00			
3767835.07	275.00	275.10	275.20	275.20	275.30	
275.00	275.10	275.50	276.10			
3767815.07	275.00	275.00	275.00	275.10	275.10	
274.70	274.90	275.40	276.00			
3767795.07	275.00	274.90	274.90	274.90	274.90	
274.50	274.60	275.20	275.80			
3767775.07	275.00	274.80	274.70	274.70	274.70	
274.20	274.40	275.00	275.60			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 48

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		436482.46	436502.46	436522.46	436542.46	436562.46
436582.46		436602.46	436622.46	436642.46		

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3767755.07	274.40	274.30	274.30	274.30	274.30	
274.00	274.10	274.60	275.20			
3767735.07	273.90	273.90	273.80	273.80	273.80	
273.60	273.70	274.20	274.70			
3767715.07	273.40	273.40	273.40	273.30	273.30	
273.20	273.30	273.70	274.20			

3767695.07		273.20	273.20	273.10	273.00	272.90
272.90		273.00	273.30	273.80		
3767675.07		273.00	273.00	272.90	272.80	272.60
272.60		272.70	273.00	273.40		
3767655.07		272.70	272.70	272.60	272.50	272.40
272.30		272.50	272.70	273.10		
3767635.07		272.40	272.30	272.30	272.20	272.20
272.20		272.30	272.50	272.90		
3767615.07		272.00	271.90	271.90	272.00	272.00
272.10		272.20	272.40	272.70		
3767595.07		271.60	271.50	271.50	271.60	271.80
272.00		272.20	272.40	272.70		
3767575.07		271.20	271.20	271.10	271.30	271.60
272.00		272.20	272.40	272.60		
3767555.07		270.80	270.80	270.80	271.00	271.40
271.80		272.10	272.40	272.60		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 49

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		436662.46	436682.46	436702.46	436722.46	436742.46
436762.46		436782.46	436802.46	436822.46		

3768555.07		286.20	286.30	286.30	286.40	286.40
286.40		286.40	286.40	286.50		
3768535.07		285.80	285.90	286.00	286.10	286.10
286.00		286.00	286.10	286.20		
3768515.07		285.20	285.40	285.60	285.70	285.70
285.50		285.60	285.70	285.80		
3768495.07		284.70	284.90	285.10	285.30	285.40
285.20		285.10	285.20	285.30		
3768475.07		284.20	284.40	284.60	284.80	285.10
284.80		284.80	284.80	284.90		
3768455.07		283.70	283.80	283.90	284.20	284.60
284.50		284.40	284.50	284.60		
3768435.07		283.40	283.50	283.60	283.90	284.30
284.20		284.20	284.20	284.30		
3768415.07		283.20	283.40	283.50	283.80	284.20

284.00	284.00	284.00	284.20			
3768395.07		283.30	283.50	283.70	284.00	284.30
283.90		283.90	284.00	284.30		
3768375.07		283.20	283.50	283.70	283.90	284.20
283.70		283.70	283.90	284.20		
3768355.07		283.20	283.40	283.60	283.70	283.80
283.50		283.50	283.70	283.90		
3768335.07		283.00	283.20	283.30	283.40	283.40
283.10		283.20	283.40	283.50		
3768315.07		282.90	283.00	283.10	283.20	283.20
282.90		282.90	283.10	283.20		
3768295.07		282.80	282.90	283.00	283.10	283.10
282.60		282.70	282.90	282.90		
3768275.07		282.80	282.90	283.00	283.10	283.10
282.50		282.50	282.70	282.70		
3768255.07		282.20	282.30	282.50	282.70	282.80
282.30		282.30	282.40	282.50		
3768235.07		281.20	281.30	281.50	281.90	282.20
281.90		282.00	282.20	282.20		
3768215.07		280.90	280.90	281.10	281.50	281.70
281.60		281.70	281.80	281.90		
3768195.07		280.60	280.60	280.80	281.10	281.30
281.20		281.30	281.50	281.60		
3768175.07		280.30	280.30	280.50	280.70	280.80
280.90		281.00	281.10	281.30		
3768155.07		280.00	280.10	280.20	280.40	280.50
280.50		280.60	280.70	280.80		
3768135.07		279.70	279.80	280.00	280.20	280.30
280.20		280.20	280.30	280.40		
3768115.07		279.60	279.60	279.70	279.90	280.10
280.00		279.90	280.00	280.20		
3768095.07		279.30	279.40	279.50	279.60	279.70
279.60		279.60	279.70	280.00		
3768075.07		279.10	279.20	279.20	279.30	279.40
279.30		279.30	279.40	279.70		
3768055.07		278.90	279.00	279.10	279.10	279.10
279.00		279.00	279.10	279.30		
3768035.07		278.80	278.90	279.00	279.00	278.90
278.70		278.70	278.80	278.90		
3768015.07		278.70	278.80	278.80	278.80	278.70
278.50		278.40	278.50	278.50		
3767995.07		278.40	278.50	278.50	278.40	278.40
278.20		278.20	278.20	278.20		
3767975.07		278.10	278.10	278.10	278.10	278.10
277.90		277.90	277.90	278.00		
3767955.07		277.80	277.80	277.80	277.80	277.80
277.60		277.60	277.70	277.70		
3767935.07		277.20	277.50	277.60	277.60	277.50
277.40		277.40	277.40	277.40		
3767915.07		276.80	277.20	277.30	277.40	277.30

277.20	277.20	277.20	277.10			
3767895.07		276.60	277.00	277.10	277.10	277.00
277.00		277.00	276.90	276.80		
3767875.07		276.40	276.70	276.80	276.80	276.70
276.70		276.80	276.70	276.50		
3767855.07		276.30	276.50	276.50	276.50	276.40
276.50		276.50	276.40	276.20		
3767835.07		276.30	276.30	276.30	276.20	276.10
276.20		276.20	276.10	275.90		
3767815.07		276.20	276.10	276.00	276.00	275.90
275.90		275.90	275.80	275.60		
3767795.07		276.00	275.80	275.80	275.80	275.70
275.70		275.70	275.60	275.40		
3767775.07		275.70	275.60	275.60	275.60	275.60
275.50		275.50	275.30	275.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 50

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
		436662.46	436682.46	436702.46	436722.46	436742.46
436762.46		436782.46	436802.46	436822.46		

3767755.07		275.40	275.30	275.30	275.30	275.30
275.30		275.20	275.10	274.90		
3767735.07		275.00	275.00	275.00	275.00	275.00
275.00		275.00	274.90	274.60		
3767715.07		274.60	274.60	274.70	274.70	274.70
274.80		274.80	274.60	274.40		
3767695.07		274.20	274.30	274.30	274.30	274.30
274.50		274.40	274.30	274.00		
3767675.07		273.90	273.90	273.90	274.00	274.00
274.10		274.00	273.80	273.60		
3767655.07		273.60	273.60	273.60	273.60	273.70
273.70		273.50	273.20	273.10		
3767635.07		273.30	273.40	273.40	273.30	273.30
273.30		273.10	272.90	272.80		
3767615.07		273.10	273.20	273.10	273.10	273.00
272.90		272.70	272.60	272.50		

3767595.07		273.00	273.00	272.90	272.90	272.80
272.60		272.50	272.40	272.40		
3767575.07		272.80	272.80	272.70	272.70	272.60
272.40		272.20	272.20	272.20		
3767555.07		272.70	272.60	272.50	272.50	272.30
272.10		272.00	272.00	272.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 51

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		436842.46	436862.46	436882.46	436902.46	436922.46
436942.46		436962.46	436982.46	437002.46		

3768555.07		286.60	286.70	286.80	286.90	287.00
287.10		287.40	287.60	287.80		
3768535.07		286.30	286.40	286.40	286.50	286.70
286.90		287.10	287.40	287.50		
3768515.07		286.00	286.00	286.00	286.00	286.20
286.50		286.90	287.20	287.30		
3768495.07		285.50	285.60	285.70	285.80	286.00
286.30		286.70	287.00	287.00		
3768475.07		285.00	285.20	285.40	285.60	285.80
286.20		286.50	286.70	286.70		
3768455.07		284.70	285.00	285.20	285.40	285.60
286.00		286.20	286.30	286.30		
3768435.07		284.50	284.70	284.90	285.20	285.40
285.80		286.00	286.00	285.90		
3768415.07		284.30	284.50	284.70	284.90	285.20
285.50		285.70	285.70	285.60		
3768395.07		284.40	284.50	284.60	284.80	285.10
285.30		285.40	285.40	285.20		
3768375.07		284.30	284.20	284.30	284.50	284.80
285.10		285.10	285.10	285.00		
3768355.07		284.00	283.90	284.00	284.20	284.40
284.70		284.90	284.90	284.80		
3768335.07		283.40	283.50	283.60	283.70	283.80
284.20		284.40	284.50	284.40		
3768315.07		283.00	283.20	283.40	283.40	283.30



283.70	284.10	284.20	284.10			
3768295.07		282.80	283.00	283.20	283.10	283.10
283.40		283.80	283.90	283.80		
3768275.07		282.60	282.80	282.90	282.90	282.80
283.10		283.50	283.60	283.50		
3768255.07		282.30	282.60	282.70	282.60	282.50
282.80		283.20	283.30	283.30		
3768235.07		282.10	282.40	282.50	282.40	282.30
282.60		282.80	283.00	283.00		
3768215.07		281.90	282.20	282.30	282.30	282.10
282.40		282.60	282.70	282.70		
3768195.07		281.60	282.00	282.10	282.10	282.00
282.30		282.40	282.40	282.50		
3768175.07		281.40	281.60	281.80	281.80	281.90
282.10		282.20	282.20	282.20		
3768155.07		281.00	281.20	281.30	281.40	281.50
281.70		281.80	281.90	281.90		
3768135.07		280.60	280.80	280.90	281.00	281.10
281.30		281.50	281.60	281.70		
3768115.07		280.40	280.60	280.60	280.70	280.80
280.90		281.10	281.30	281.40		
3768095.07		280.30	280.50	280.50	280.60	280.60
280.70		280.90	281.00	281.10		
3768075.07		280.10	280.40	280.50	280.50	280.50
280.50		280.60	280.80	280.90		
3768055.07		279.70	280.20	280.40	280.50	280.50
280.40		280.50	280.50	280.60		
3768035.07		279.20	279.70	279.90	280.00	280.00
280.00		280.10	280.20	280.20		
3768015.07		278.70	279.00	279.20	279.30	279.30
279.40		279.60	279.70	279.90		
3767995.07		278.30	278.40	278.50	278.50	278.60
278.70		279.00	279.30	279.50		
3767975.07		278.00	278.10	278.10	278.20	278.20
278.40		278.70	279.00	279.20		
3767955.07		277.80	277.90	277.90	278.00	278.10
278.30		278.50	278.80	278.90		
3767935.07		277.30	277.60	277.80	278.00	278.10
278.20		278.40	278.50	278.50		
3767915.07		277.00	277.30	277.50	277.70	277.90
277.90		278.00	278.00	278.00		
3767895.07		276.80	277.00	277.20	277.40	277.40
277.40		277.50	277.40	277.40		
3767875.07		276.50	276.70	276.90	277.00	277.00
276.90		276.90	276.80	276.90		
3767855.07		276.10	276.40	276.60	276.60	276.50
276.40		276.40	276.40	276.50		
3767835.07		275.80	276.10	276.20	276.20	276.10
276.00		276.00	276.10	276.40		
3767815.07		275.50	275.80	275.90	275.90	275.80



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		437022.46	437042.46	437062.46	437082.46	437102.46
437122.46		437142.46	437162.46			

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3768555.07		287.90	288.00	288.10	288.20	288.20
288.20		288.20	288.20			
3768535.07		287.60	287.60	287.70	287.70	287.70
287.70		287.80	287.80			
3768515.07		287.20	287.20	287.20	287.30	287.30
287.30		287.40	287.40			
3768495.07		286.90	286.90	286.90	287.00	286.90
287.00		287.10	287.00			
3768475.07		286.60	286.60	286.60	286.70	286.70
286.70		286.80	286.70			
3768455.07		286.20	286.20	286.30	286.30	286.30
286.40		286.40	286.40			
3768435.07		285.90	285.80	285.90	285.90	286.00
286.00		286.10	286.10			
3768415.07		285.50	285.50	285.50	285.60	285.70
285.70		285.80	285.80			
3768395.07		285.20	285.20	285.20	285.20	285.40
285.50		285.50	285.50			
3768375.07		284.90	284.90	285.00	285.00	285.10
285.20		285.20	285.20			
3768355.07		284.70	284.70	284.70	284.80	284.90
284.90		284.90	284.90			
3768335.07		284.30	284.30	284.40	284.50	284.50
284.50		284.40	284.40			
3768315.07		283.90	284.00	284.10	284.20	284.20
284.10		284.00	284.00			
3768295.07		283.70	283.70	283.80	283.80	283.80
283.70		283.60	283.60			
3768275.07		283.40	283.40	283.50	283.60	283.60
283.50		283.40	283.30			
3768255.07		283.20	283.10	283.20	283.20	283.30
283.20		283.10	283.00			
3768235.07		282.90	282.90	282.90	282.90	282.80
282.80		282.80	282.70			
3768215.07		282.60	282.60	282.60	282.60	282.50



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	437022.46	437042.46	437062.46	437082.46	437102.46
437122.46	437142.46	437162.46			

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3767755.07	276.00	276.50	276.80	276.90	276.90
276.80	276.80	276.60			
3767735.07	275.80	276.30	276.60	276.70	276.60
276.50	276.40	276.30			
3767715.07	275.60	276.00	276.20	276.30	276.20
276.10	276.10	276.00			
3767695.07	275.30	275.70	275.80	275.80	275.70
275.70	275.70	275.80			
3767675.07	275.10	275.30	275.40	275.40	275.30
275.30	275.40	275.50			
3767655.07	274.80	275.00	275.00	275.00	275.00
275.10	275.10	275.30			
3767635.07	274.50	274.70	274.70	274.60	274.70
274.80	274.80	275.00			
3767615.07	274.30	274.40	274.30	274.30	274.40
274.50	274.50	274.80			
3767595.07	274.00	274.10	274.00	274.00	274.10
274.20	274.20	274.50			
3767575.07	273.70	273.70	273.70	273.80	273.80
273.80	273.80	274.20			
3767555.07	273.40	273.40	273.50	273.50	273.50
273.50	273.50	273.70			

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	433962.46	433982.46	434002.46	434022.46	434042.46
434062.46	434082.46	434102.46	434122.46		

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3768555.07	272.10	272.00	272.00	272.00	272.00
272.10	272.20	272.30	272.30		
3768535.07	271.70	271.60	271.50	271.40	271.50
271.60	271.80	271.90	271.90		
3768515.07	271.30	271.30	271.20	271.00	271.00
271.10	271.30	271.30	271.30		
3768495.07	271.00	271.00	270.80	270.60	270.60
270.60	270.80	270.80	270.80		
3768475.07	270.70	270.70	270.50	270.30	270.30
270.30	270.50	270.50	270.50		
3768455.07	270.30	270.30	270.20	270.00	270.00
270.10	270.20	270.20	270.20		
3768435.07	270.00	269.90	269.80	269.70	269.70
269.80	269.90	269.90	269.90		
3768415.07	269.70	269.60	269.50	269.50	269.50
269.60	269.60	269.60	269.70		
3768395.07	269.30	269.30	269.20	269.30	269.30
269.40	269.40	269.40	269.40		
3768375.07	269.00	269.00	268.90	269.00	269.10
269.10	269.10	269.10	269.10		
3768355.07	268.70	268.60	268.60	268.70	268.80
268.80	268.90	268.90	268.70		
3768335.07	268.30	268.30	268.30	268.40	268.40
268.50	268.60	268.70	268.40		
3768315.07	268.00	268.00	268.10	268.10	268.10
268.20	268.40	268.50	268.20		
3768295.07	267.70	267.70	267.70	267.50	267.50
267.60	267.80	268.00	267.90		
3768275.07	267.40	267.40	267.30	267.00	267.00
267.10	267.40	267.60	267.70		
3768255.07	267.10	267.00	266.80	266.50	266.60
266.80	267.10	267.40	267.50		
3768235.07	266.80	266.70	266.60	266.40	266.50
266.80	267.10	267.40	267.40		
3768215.07	266.50	266.40	266.30	266.20	266.50
266.80	267.00	267.30	267.30		
3768195.07	266.10	266.10	266.10	266.10	266.40
266.70	266.90	267.00	267.10		
3768175.07	265.70	265.80	265.90	266.00	266.20
266.30	266.40	266.50	266.60		
3768155.07	265.40	265.50	265.70	265.80	265.90
265.90	265.90	266.00	266.10		
3768135.07	265.10	265.20	265.50	265.70	265.70
265.60	265.50	265.50	265.70		
3768115.07	264.70	264.80	265.10	265.40	265.40

265.20	265.10	265.20	265.40			
3768095.07		264.30	264.40	264.80	265.10	265.10
264.90		264.80	264.90	265.30		
3768075.07		264.00	264.20	264.50	264.90	264.90
264.70		264.60	264.70	264.90		
3768055.07		263.80	263.90	264.30	264.70	264.70
264.50		264.30	264.50	264.60		
3768035.07		263.50	263.70	264.10	264.40	264.40
264.20		264.10	264.20	264.30		
3768015.07		263.30	263.50	263.80	264.00	264.10
263.90		263.80	263.90	264.00		
3767995.07		263.10	263.20	263.40	263.60	263.70
263.60		263.60	263.70	263.80		
3767975.07		262.80	262.90	263.10	263.20	263.30
263.30		263.30	263.40	263.60		
3767955.07		262.60	262.70	262.80	262.90	263.00
263.00		263.10	263.30	263.40		
3767935.07		262.40	262.40	262.50	262.60	262.70
262.70		262.80	263.00	263.30		
3767915.07		262.10	262.10	262.20	262.40	262.50
262.50		262.50	262.80	263.00		
3767895.07		261.90	261.80	261.90	262.10	262.20
262.20		262.20	262.50	262.80		
3767875.07		261.60	261.60	261.70	261.80	261.90
261.90		262.00	262.30	262.60		
3767855.07		261.40	261.30	261.40	261.60	261.70
261.70		261.80	262.10	262.40		
3767835.07		261.20	261.10	261.10	261.30	261.50
261.50		261.60	261.90	262.30		
3767815.07		261.00	260.90	260.90	261.10	261.30
261.30		261.40	261.70	262.10		
3767795.07		260.70	260.70	260.70	260.90	261.20
261.20		261.30	261.50	261.80		
3767775.07		260.50	260.50	260.60	260.80	261.00
261.00		261.10	261.30	261.50		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 56

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		433962.46	433982.46	434002.46	434022.46	434042.46

434062.46 434082.46 434102.46 434122.46

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3767755.07		260.30	260.40	260.60	260.70	260.90
261.00		261.00	261.20	261.20		
3767735.07		260.10	260.40	260.80	261.00	261.10
261.10		261.20	261.30	261.10		
3767715.07		259.80	260.10	260.50	260.60	260.70
260.80		260.90	260.90	260.80		
3767695.07		259.40	259.70	260.00	260.00	260.10
260.20		260.30	260.40	260.50		
3767675.07		259.10	259.20	259.40	259.50	259.60
259.70		259.80	260.10	260.20		
3767655.07		258.90	259.10	259.30	259.50	259.50
259.60		259.70	259.90	260.00		
3767635.07		258.70	259.00	259.40	259.50	259.60
259.70		259.80	259.80	259.80		
3767615.07		258.50	258.80	259.10	259.30	259.40
259.40		259.50	259.50	259.50		
3767595.07		258.20	258.40	258.70	258.80	258.90
259.00		259.10	259.20	259.20		
3767575.07		258.00	258.00	258.20	258.30	258.40
258.40		258.60	258.80	258.90		
3767555.07		257.80	257.90	258.10	258.20	258.30
258.30		258.50	258.70	258.80		

\*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*        09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                  \*\*\*        10:46:33

PAGE 57

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		434142.46	434162.46	434182.46	434202.46	434222.46
434242.46		434262.46	434282.46	434302.46		

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3768555.07		272.30	272.40	272.40	272.40	272.40
272.60		273.00	273.20	273.30		
3768535.07		271.80	271.90	271.90	271.80	271.80
272.10		272.70	273.10	273.30		
3768515.07		271.40	271.40	271.50	271.40	271.40



271.70	272.40	272.80	273.10			
3768495.07		270.90	271.10	271.20	271.10	271.00
271.30		272.00	272.50	272.80		
3768475.07		270.60	270.70	270.80	270.70	270.60
271.00		271.50	272.00	272.30		
3768455.07		270.30	270.40	270.40	270.30	270.30
270.50		270.90	271.40	271.70		
3768435.07		270.00	270.10	270.00	270.00	269.90
270.10		270.30	270.60	270.90		
3768415.07		269.80	269.80	269.70	269.70	269.70
269.80		270.10	270.40	270.70		
3768395.07		269.40	269.40	269.40	269.50	269.40
269.60		269.80	270.10	270.30		
3768375.07		269.00	269.00	269.10	269.20	269.20
269.30		269.50	269.70	269.90		
3768355.07		268.50	268.40	268.60	269.00	269.00
269.20		269.30	269.50	269.70		
3768335.07		268.10	268.00	268.30	268.70	268.90
269.00		269.20	269.40	269.50		
3768315.07		267.90	267.80	268.10	268.60	268.80
268.90		269.10	269.30	269.40		
3768295.07		267.70	267.70	267.90	268.40	268.60
268.80		268.90	269.10	269.10		
3768275.07		267.60	267.50	267.80	268.30	268.40
268.60		268.80	268.90	269.00		
3768255.07		267.40	267.40	267.60	268.10	268.20
268.40		268.60	268.80	268.90		
3768235.07		267.30	267.20	267.50	267.80	267.90
268.10		268.20	268.40	268.60		
3768215.07		267.10	267.10	267.30	267.60	267.60
267.70		267.90	268.10	268.30		
3768195.07		266.90	266.90	267.10	267.30	267.30
267.50		267.70	267.90	268.10		
3768175.07		266.60	266.60	266.70	266.90	266.90
267.00		267.20	267.40	267.50		
3768155.07		266.20	266.20	266.30	266.40	266.50
266.60		266.70	266.80	266.90		
3768135.07		265.80	265.90	265.90	266.10	266.20
266.20		266.30	266.50	266.60		
3768115.07		265.60	265.60	265.70	265.90	266.10
266.10		266.20	266.50	266.60		
3768095.07		265.40	265.50	265.60	265.80	266.00
266.00		266.20	266.60	266.70		
3768075.07		265.10	265.30	265.50	265.60	265.90
265.90		266.10	266.60	266.70		
3768055.07		264.80	265.00	265.20	265.30	265.50
265.60		265.80	266.30	266.40		
3768035.07		264.50	264.60	264.80	264.90	265.10
265.20		265.40	265.70	265.80		
3768015.07		264.10	264.20	264.40	264.50	264.70

264.90	265.10	265.40	265.40			
3767995.07	263.80	263.90	264.00	264.20	264.30	
264.50	264.80	265.10	265.10			
3767975.07	263.60	263.70	263.80	264.00	264.00	
264.10	264.40	264.80	264.90			
3767955.07	263.40	263.60	263.90	264.10	263.90	
263.90	263.90	264.20	264.30			
3767935.07	263.20	263.40	263.80	264.00	263.80	
263.60	263.60	263.80	263.90			
3767915.07	263.00	263.20	263.60	263.90	263.60	
263.40	263.50	263.60	263.70			
3767895.07	262.80	263.00	263.40	263.70	263.40	
263.30	263.30	263.40	263.50			
3767875.07	262.60	262.80	263.20	263.40	263.20	
263.10	263.00	263.20	263.30			
3767855.07	262.40	262.60	262.80	263.20	263.00	
262.80	262.80	263.00	263.10			
3767835.07	262.30	262.30	262.60	262.90	262.80	
262.60	262.60	262.70	262.90			
3767815.07	262.10	262.10	262.30	262.70	262.60	
262.40	262.40	262.50	262.70			
3767795.07	261.80	261.90	262.10	262.40	262.40	
262.30	262.30	262.40	262.50			
3767775.07	261.50	261.60	261.80	262.00	262.00	
262.00	262.10	262.20	262.30			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 58

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		434142.46	434162.46	434182.46	434202.46	434222.46
434242.46		434262.46	434282.46	434302.46		

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3767755.07	261.30	261.30	261.50	261.60	261.70
261.80	261.90	262.00	262.10		
3767735.07	261.00	261.10	261.20	261.30	261.40
261.60	261.70	261.90	262.10		
3767715.07	260.70	260.80	260.90	261.10	261.20
261.40	261.50	261.70	261.90		

3767695.07		260.50	260.50	260.60	260.80	261.00
261.10		261.20	261.40	261.60		
3767675.07		260.20	260.20	260.30	260.60	260.80
260.80		260.90	261.10	261.30		
3767655.07		260.00	260.00	260.10	260.30	260.50
260.60		260.70	260.80	261.00		
3767635.07		259.70	259.70	259.80	260.10	260.30
260.30		260.40	260.50	260.70		
3767615.07		259.50	259.50	259.60	259.80	259.90
260.00		260.10	260.30	260.50		
3767595.07		259.20	259.30	259.30	259.50	259.70
259.80		259.90	260.00	260.20		
3767575.07		259.00	259.10	259.10	259.30	259.40
259.50		259.70	259.80	260.00		
3767555.07		258.80	258.90	259.00	259.10	259.30
259.40		259.50	259.60	259.80		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*                      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 59

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		434322.46	434342.46	434362.46	434382.46	434402.46
434422.46		434442.46	434462.46	434482.46		

3768555.07		273.50	273.70	273.90	274.10	274.30
274.40		274.40	274.40	274.50		
3768535.07		273.40	273.60	273.80	274.00	274.20
274.20		274.00	273.80	274.00		
3768515.07		273.20	273.40	273.60	273.80	273.90
273.90		273.70	273.40	273.60		
3768495.07		273.00	273.20	273.30	273.50	273.70
273.60		273.40	273.00	273.10		
3768475.07		272.60	272.80	273.00	273.20	273.30
273.30		273.00	272.70	272.70		
3768455.07		272.00	272.20	272.50	272.70	272.80
272.80		272.60	272.30	272.40		
3768435.07		271.20	271.50	271.80	272.10	272.20
272.20		272.10	272.00	272.00		
3768415.07		270.90	271.20	271.50	271.70	271.90

271.90	271.90	271.70	271.60			
3768395.07		270.60	270.80	271.00	271.30	271.50
271.60		271.50	271.40	271.30		
3768375.07		270.10	270.30	270.50	270.70	270.90
271.10		271.10	271.00	271.00		
3768355.07		269.90	270.10	270.30	270.60	270.60
270.80		270.80	270.70	270.70		
3768335.07		269.80	270.00	270.10	270.40	270.40
270.50		270.50	270.40	270.50		
3768315.07		269.60	269.80	269.80	270.10	270.10
270.20		270.20	270.20	270.20		
3768295.07		269.30	269.50	269.60	269.80	269.80
269.90		270.00	269.90	270.00		
3768275.07		269.10	269.20	269.30	269.50	269.50
269.60		269.70	269.70	269.80		
3768255.07		269.00	269.10	269.20	269.30	269.30
269.40		269.50	269.40	269.50		
3768235.07		268.70	268.80	268.90	269.10	269.10
269.20		269.30	269.20	269.20		
3768215.07		268.40	268.50	268.70	268.90	269.00
269.10		269.10	269.00	269.00		
3768195.07		268.20	268.40	268.60	268.70	268.90
269.00		268.90	268.90	268.80		
3768175.07		267.70	267.90	268.00	268.20	268.40
268.50		268.50	268.50	268.50		
3768155.07		267.10	267.20	267.40	267.50	267.80
267.90		268.00	268.10	268.20		
3768135.07		266.70	266.80	267.00	267.30	267.80
268.00		268.10	268.10	268.20		
3768115.07		266.60	266.60	266.70	267.10	267.50
267.70		267.80	267.80	267.90		
3768095.07		266.60	266.50	266.50	266.90	267.20
267.30		267.30	267.30	267.30		
3768075.07		266.50	266.30	266.20	266.60	266.90
267.10		267.00	266.90	266.90		
3768055.07		266.20	266.00	266.00	266.30	266.60
266.80		266.80	266.60	266.60		
3768035.07		265.70	265.60	265.70	266.00	266.30
266.50		266.50	266.40	266.50		
3768015.07		265.40	265.50	265.60	265.80	266.00
266.20		266.30	266.30	266.40		
3767995.07		265.20	265.30	265.50	265.80	265.90
266.00		266.20	266.30	266.40		
3767975.07		265.00	265.20	265.50	265.80	265.90
266.00		266.20	266.40	266.50		
3767955.07		264.50	264.70	265.00	265.10	265.10
265.30		265.50	265.70	265.90		
3767935.07		264.10	264.30	264.50	264.50	264.60
264.70		264.90	265.10	265.30		
3767915.07		263.80	264.00	264.20	264.30	264.30

264.40	264.60	264.80	265.00			
3767895.07	263.60	263.80	264.00	264.00	264.10	
264.20	264.40	264.50	264.70			
3767875.07	263.40	263.60	263.80	263.80	263.90	
264.00	264.20	264.30	264.50			
3767855.07	263.20	263.40	263.50	263.60	263.70	
263.80	263.90	264.10	264.30			
3767835.07	263.00	263.20	263.30	263.30	263.40	
263.60	263.70	263.80	264.00			
3767815.07	262.80	263.00	263.10	263.10	263.20	
263.30	263.40	263.50	263.70			
3767795.07	262.60	262.80	262.90	262.90	263.00	
263.10	263.20	263.30	263.40			
3767775.07	262.40	262.50	262.60	262.60	262.70	
262.80	262.90	263.00	263.10			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
 \*\*\*      10:46:33

PAGE 60

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)				X-COORD (METERS)	
	434322.46	434342.46	434362.46	434382.46	434402.46
434422.46	434442.46	434462.46	434482.46		
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3767755.07	262.20	262.20	262.30	262.30	262.40
262.50	262.60	262.80	262.90		
3767735.07	262.10	262.10	262.10	262.10	262.10
262.20	262.40	262.60	262.60		
3767715.07	262.00	262.00	261.90	262.00	261.90
262.00	262.30	262.40	262.40		
3767695.07	261.80	261.80	261.80	261.80	261.70
261.90	262.10	262.30	262.30		
3767675.07	261.50	261.50	261.60	261.60	261.50
261.80	262.00	262.20	262.20		
3767655.07	261.20	261.30	261.30	261.40	261.40
261.70	261.90	262.00	262.10		
3767635.07	260.90	261.10	261.20	261.30	261.30
261.50	261.80	261.90	261.90		
3767615.07	260.70	260.90	261.00	261.10	261.20
261.40	261.60	261.70	261.70		

3767595.07	260.40	260.60	260.80	260.90	261.00
261.20	261.40	261.50	261.60		
3767575.07	260.10	260.30	260.50	260.80	260.90
261.10	261.20	261.30	261.40		
3767555.07	259.90	260.10	260.30	260.60	260.60
260.80	260.90	261.10	261.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 61

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434502.46	434522.46	434542.46	434562.46	434582.46
434602.46	434622.46	434642.46	434662.46		

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3768555.07	274.60	274.70	274.80	275.00	275.00
275.10	275.10	275.30	275.30		
3768535.07	274.10	274.20	274.20	274.70	274.70
274.70	274.80	275.00	275.10		
3768515.07	273.70	273.70	273.80	274.30	274.50
274.50	274.50	274.70	274.80		
3768495.07	273.20	273.30	273.40	274.00	274.20
274.20	274.30	274.40	274.40		
3768475.07	272.80	272.80	272.90	273.20	273.30
273.30	273.40	273.70	273.80		
3768455.07	272.40	272.40	272.40	272.60	272.50
272.50	272.70	273.10	273.30		
3768435.07	272.00	272.00	271.90	271.90	271.70
271.80	272.10	272.60	272.80		
3768415.07	271.60	271.50	271.50	271.70	271.50
271.70	272.10	272.60	272.80		
3768395.07	271.20	271.10	271.10	271.40	271.40
271.60	271.90	272.40	272.60		
3768375.07	270.90	270.80	270.90	271.30	271.30
271.30	271.50	271.80	272.20		
3768355.07	270.70	270.70	270.70	271.10	271.10
271.20	271.30	271.50	272.00		
3768335.07	270.60	270.60	270.60	271.00	271.00
271.00	271.10	271.40	271.90		
3768315.07	270.40	270.40	270.50	270.90	270.90

270.90	271.00	271.20	271.70			
3768295.07		270.20	270.20	270.30	270.70	270.90
270.90		270.90	271.20	271.60		
3768275.07		269.90	270.00	270.00	270.40	270.60
270.70		270.80	271.00	271.50		
3768255.07		269.60	269.60	269.60	269.90	270.00
270.10		270.10	270.30	270.80		
3768235.07		269.30	269.20	269.20	269.50	269.60
269.60		269.60	269.90	270.40		
3768215.07		269.00	268.90	268.90	269.30	269.30
269.20		269.20	269.60	270.10		
3768195.07		268.80	268.70	268.70	269.00	269.10
269.10		269.10	269.40	269.80		
3768175.07		268.50	268.50	268.50	268.70	268.80
268.80		268.90	269.20	269.50		
3768155.07		268.30	268.30	268.40	268.40	268.40
268.60		268.80	269.00	269.10		
3768135.07		268.40	268.50	268.50	268.40	268.30
268.50		268.80	269.10	269.20		
3768115.07		268.00	268.20	268.30	268.20	268.00
268.30		268.60	268.80	268.90		
3768095.07		267.50	267.70	267.90	267.90	267.70
268.00		268.20	268.30	268.30		
3768075.07		267.20	267.50	267.70	267.70	267.50
267.80		268.00	268.10	268.10		
3768055.07		266.90	267.30	267.50	267.40	267.30
267.60		267.80	267.90	267.90		
3768035.07		266.80	267.00	267.20	267.10	267.10
267.30		267.50	267.60	267.60		
3768015.07		266.60	266.80	266.90	266.90	267.00
267.10		267.20	267.30	267.40		
3767995.07		266.60	266.70	266.70	266.80	266.90
267.00		267.10	267.20	267.20		
3767975.07		266.70	266.70	266.80	266.90	267.00
267.10		267.10	267.20	267.30		
3767955.07		266.00	266.10	266.30	266.40	266.50
266.60		266.70	266.80	266.90		
3767935.07		265.40	265.60	265.80	265.90	266.10
266.20		266.30	266.40	266.40		
3767915.07		265.10	265.30	265.50	265.60	265.80
265.90		266.00	266.20	266.10		
3767895.07		264.90	265.10	265.30	265.40	265.60
265.70		265.90	266.00	265.90		
3767875.07		264.70	264.80	265.00	265.20	265.40
265.50		265.70	265.80	265.60		
3767855.07		264.40	264.60	264.80	264.90	265.10
265.40		265.60	265.70	265.40		
3767835.07		264.10	264.30	264.50	264.60	264.90
265.10		265.30	265.50	265.30		
3767815.07		263.70	264.00	264.20	264.40	264.70





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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	434682.46	434702.46	434722.46	434742.46	434762.46
434782.46	434802.46	434822.46	434842.46		

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3768555.07		275.40	275.50	275.50	275.50	275.60
275.70		275.80	275.90	276.10		
3768535.07		275.20	275.30	275.20	275.00	275.10
275.20		275.30	275.40	275.80		
3768515.07		274.90	274.90	274.90	274.70	274.60
274.80		274.90	275.00	275.40		
3768495.07		274.40	274.50	274.40	274.30	274.30
274.40		274.50	274.60	274.90		
3768475.07		273.90	274.00	274.00	274.00	274.10
274.20		274.30	274.10	274.40		
3768455.07		273.40	273.40	273.60	273.70	273.80
274.00		274.00	273.80	274.10		
3768435.07		272.80	272.90	273.00	273.30	273.50
273.80		273.90	273.70	274.00		
3768415.07		272.80	272.70	272.80	273.10	273.20
273.50		273.60	273.50	273.80		
3768395.07		272.70	272.60	272.60	272.80	273.00
273.20		273.40	273.50	273.60		
3768375.07		272.50	272.50	272.50	272.70	272.70
273.10		273.50	273.60	273.60		
3768355.07		272.40	272.50	272.40	272.50	272.50
272.70		273.10	273.20	273.10		
3768335.07		272.30	272.30	272.20	272.30	272.20
272.40		272.70	272.80	272.50		
3768315.07		272.10	272.10	272.10	272.10	271.90
272.10		272.40	272.50	272.30		
3768295.07		271.90	272.00	271.90	271.90	271.70
271.90		272.20	272.30	272.10		
3768275.07		271.70	271.80	271.70	271.60	271.40
271.70		272.00	272.20	271.90		
3768255.07		271.00	271.10	271.10	271.10	271.10
271.40		271.80	271.90	271.60		
3768235.07		270.50	270.60	270.70	270.80	270.90
271.20		271.60	271.70	271.40		
3768215.07		270.10	270.20	270.30	270.60	270.60



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
	434682.46	434702.46	434722.46	434742.46 434762.46
434782.46	434802.46	434822.46	434842.46	

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3767755.07	264.80	264.90	265.00	265.00	264.70
264.90	265.10	265.30	265.40		
3767735.07	264.70	264.80	264.90	264.90	264.60
264.70	264.90	265.00	265.10		
3767715.07	264.50	264.70	264.70	264.70	264.40
264.50	264.70	264.90	264.90		
3767695.07	264.30	264.40	264.50	264.50	264.20
264.30	264.50	264.70	264.70		
3767675.07	264.10	264.20	264.20	264.30	264.00
264.20	264.40	264.60	264.60		
3767655.07	263.80	263.90	264.00	264.00	263.80
264.00	264.30	264.40	264.40		
3767635.07	263.60	263.60	263.70	263.70	263.60
263.70	264.00	264.10	264.10		
3767615.07	263.40	263.40	263.40	263.50	263.30
263.50	263.70	263.80	263.80		
3767595.07	263.10	263.20	263.20	263.30	263.10
263.20	263.40	263.50	263.50		
3767575.07	262.90	263.00	263.00	263.00	262.80
263.00	263.10	263.20	263.20		
3767555.07	262.60	262.70	262.70	262.70	262.60
262.70	262.80	262.80	262.80		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	434862.46	434882.46	434902.46	434922.46	434942.46
434962.46	434982.46	435002.46	435022.46		

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3768555.07	276.30	276.40	276.50	276.60	276.80
276.90	277.00	277.10	277.30		
3768535.07	275.90	276.00	276.00	276.00	276.20
276.40	276.60	276.70	276.80		
3768515.07	275.60	275.60	275.50	275.50	275.70
276.00	276.20	276.40	276.50		
3768495.07	275.30	275.40	275.20	275.10	275.40
275.80	276.00	276.20	276.30		
3768475.07	274.90	275.20	275.10	274.90	275.30
275.70	276.00	276.10	276.20		
3768455.07	274.60	274.90	274.90	274.70	275.10
275.50	275.70	275.90	276.00		
3768435.07	274.30	274.50	274.60	274.50	274.90
275.10	275.20	275.40	275.50		
3768415.07	274.00	274.10	274.20	274.30	274.60
274.80	274.90	275.10	275.30		
3768395.07	273.70	273.90	274.00	274.20	274.50
274.60	274.70	274.90	275.10		
3768375.07	273.80	273.90	274.10	274.40	274.50
274.60	274.60	274.80	275.00		
3768355.07	273.30	273.50	273.70	273.90	274.00
274.10	274.20	274.40	274.60		
3768335.07	272.80	273.00	273.10	273.30	273.40
273.60	273.80	273.90	274.10		
3768315.07	272.40	272.60	272.70	272.90	273.20
273.30	273.50	273.60	273.70		
3768295.07	272.20	272.40	272.50	272.80	273.00
273.10	273.20	273.40	273.40		
3768275.07	272.10	272.30	272.50	272.70	272.80
272.90	273.00	273.10	273.20		
3768255.07	272.00	272.20	272.30	272.50	272.50
272.60	272.60	272.70	272.80		
3768235.07	271.70	272.00	272.10	272.20	272.30
272.30	272.30	272.40	272.50		
3768215.07	271.50	271.70	271.80	271.90	272.00
272.00	272.10	272.20	272.30		
3768195.07	271.30	271.50	271.60	271.70	271.80
271.80	271.80	271.90	272.00		
3768175.07	271.00	271.20	271.30	271.40	271.50
271.50	271.60	271.60	271.70		
3768155.07	270.70	270.90	271.00	271.00	271.10
271.20	271.30	271.40	271.40		
3768135.07	270.60	270.70	270.90	270.90	270.90
271.00	271.10	271.20	271.40		
3768115.07	270.30	270.50	270.60	270.70	270.70

270.70	270.90	271.00	271.10			
3768095.07	270.00	270.20	270.30	270.40	270.40	
270.30	270.40	270.50	270.70			
3768075.07	269.70	269.80	270.00	270.10	270.10	
269.90	269.90	270.10	270.30			
3768055.07	269.30	269.50	269.70	269.80	269.80	
269.50	269.50	269.70	270.00			
3768035.07	268.90	269.20	269.40	269.50	269.50	
269.10	269.10	269.40	269.70			
3768015.07	268.60	268.90	269.10	269.30	269.20	
268.90	268.80	269.20	269.60			
3767995.07	268.30	268.60	268.90	269.00	269.00	
268.70	268.70	269.00	269.40			
3767975.07	268.10	268.40	268.60	268.70	268.80	
268.50	268.60	268.90	269.20			
3767955.07	268.00	268.20	268.30	268.40	268.50	
268.30	268.40	268.70	268.90			
3767935.07	267.80	268.00	268.00	268.10	268.20	
268.10	268.20	268.40	268.60			
3767915.07	267.40	267.60	267.60	267.70	267.90	
267.80	267.90	268.10	268.20			
3767895.07	267.40	267.50	267.50	267.60	267.80	
267.80	267.90	268.00	268.10			
3767875.07	267.40	267.40	267.50	267.60	267.80	
267.90	267.90	268.00	268.10			
3767855.07	267.10	267.10	267.10	267.10	267.20	
267.40	267.50	267.60	267.80			
3767835.07	266.80	266.80	266.70	266.70	266.80	
267.00	267.20	267.40	267.50			
3767815.07	266.50	266.40	266.40	266.40	266.50	
266.70	266.90	267.10	267.30			
3767795.07	266.20	266.30	266.30	266.40	266.50	
266.60	266.70	266.90	267.00			
3767775.07	265.90	266.00	266.00	266.10	266.20	
266.30	266.40	266.60	266.70			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 66

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		434862.46	434882.46	434902.46	434922.46	434942.46

434962.46 434982.46 435002.46 435022.46

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3767755.07	265.40	265.50	265.60	265.70	265.80
265.90	266.00	266.10	266.20		
3767735.07	265.20	265.20	265.20	265.30	265.30
265.50	265.60	265.70	265.80		
3767715.07	264.90	264.90	264.90	264.90	265.00
265.10	265.20	265.30	265.50		
3767695.07	264.70	264.60	264.60	264.60	264.70
264.80	264.90	265.00	265.30		
3767675.07	264.60	264.50	264.40	264.40	264.50
264.60	264.70	264.90	265.10		
3767655.07	264.40	264.30	264.20	264.20	264.30
264.40	264.50	264.70	265.00		
3767635.07	264.00	264.00	263.90	263.90	264.00
264.30	264.40	264.50	264.80		
3767615.07	263.80	263.80	263.80	263.80	263.80
264.10	264.20	264.30	264.60		
3767595.07	263.60	263.70	263.70	263.70	263.70
263.90	263.90	264.10	264.40		
3767575.07	263.30	263.40	263.40	263.40	263.50
263.60	263.70	263.80	263.90		
3767555.07	262.90	263.10	263.10	263.20	263.30
263.40	263.50	263.50	263.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 67

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		435042.46	435062.46	435082.46	435102.46 435122.46
435142.46		435162.46	435182.46	435202.46	

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3768555.07	277.40	277.60	277.70	277.80	277.90
278.10	278.20	278.30	278.40		
3768535.07	277.00	277.10	277.20	277.30	277.40
277.50	277.60	277.70	277.80		
3768515.07	276.60	276.80	276.80	276.90	277.00

277.10	277.20	277.20	277.30			
3768495.07		276.40	276.50	276.60	276.70	276.80
276.90		276.90	277.00	277.00		
3768475.07		276.30	276.50	276.60	276.70	276.80
276.80		276.80	276.80	276.80		
3768455.07		276.20	276.30	276.50	276.60	276.60
276.70		276.70	276.60	276.60		
3768435.07		275.70	275.80	276.00	276.10	276.20
276.20		276.30	276.30	276.30		
3768415.07		275.40	275.50	275.70	275.80	275.80
275.90		276.00	276.00	275.90		
3768395.07		275.20	275.30	275.40	275.50	275.60
275.60		275.70	275.70	275.50		
3768375.07		275.20	275.30	275.40	275.50	275.50
275.50		275.60	275.60	275.40		
3768355.07		274.70	274.80	275.00	275.00	275.10
275.10		275.10	275.20	275.10		
3768335.07		274.10	274.30	274.40	274.50	274.50
274.50		274.60	274.70	274.70		
3768315.07		273.80	274.00	274.10	274.20	274.20
274.30		274.30	274.50	274.40		
3768295.07		273.50	273.70	273.80	273.90	273.90
274.00		274.10	274.20	274.20		
3768275.07		273.30	273.40	273.60	273.60	273.70
273.70		273.90	274.00	274.10		
3768255.07		272.90	273.00	273.10	273.20	273.30
273.40		273.60	273.80	273.90		
3768235.07		272.60	272.70	272.70	272.80	272.90
273.10		273.40	273.60	273.80		
3768215.07		272.30	272.40	272.40	272.40	272.50
272.80		273.10	273.40	273.70		
3768195.07		272.00	272.10	272.20	272.20	272.30
272.60		272.80	273.10	273.40		
3768175.07		271.80	271.90	272.00	272.10	272.10
272.30		272.50	272.80	273.10		
3768155.07		271.50	271.60	271.70	271.80	271.90
272.10		272.20	272.40	272.60		
3768135.07		271.40	271.50	271.60	271.70	271.80
271.90		272.00	272.20	272.40		
3768115.07		271.20	271.20	271.30	271.40	271.50
271.60		271.70	271.90	272.10		
3768095.07		270.80	270.90	270.90	271.00	271.10
271.20		271.30	271.50	271.60		
3768075.07		270.50	270.60	270.60	270.60	270.60
270.80		271.00	271.20	271.30		
3768055.07		270.20	270.30	270.30	270.20	270.10
270.40		270.70	270.90	271.00		
3768035.07		270.00	270.00	270.00	269.80	269.60
270.00		270.40	270.70	270.80		
3768015.07		269.70	269.80	269.70	269.50	269.30

269.70	270.10	270.40	270.40			
3767995.07		269.50	269.50	269.40	269.20	269.00
269.40		269.80	270.10	270.10		
3767975.07		269.20	269.30	269.20	269.00	268.70
269.10		269.50	269.70	269.60		
3767955.07		269.00	269.00	268.90	268.70	268.50
268.90		269.20	269.30	269.20		
3767935.07		268.70	268.70	268.60	268.40	268.20
268.60		268.90	268.90	268.80		
3767915.07		268.20	268.30	268.20	268.10	267.90
268.40		268.60	268.60	268.50		
3767895.07		268.10	268.10	268.00	267.90	267.70
268.10		268.30	268.30	268.30		
3767875.07		268.10	268.10	268.00	267.90	267.60
267.80		268.00	268.10	268.00		
3767855.07		267.80	267.80	267.80	267.70	267.40
267.70		267.90	267.90	267.80		
3767835.07		267.60	267.50	267.50	267.40	267.30
267.60		267.70	267.60	267.50		
3767815.07		267.30	267.30	267.20	267.20	267.10
267.50		267.50	267.30	267.20		
3767795.07		267.10	267.10	267.10	267.10	267.00
267.30		267.30	267.10	266.90		
3767775.07		266.80	266.80	266.90	266.90	266.80
267.00		267.00	266.80	266.60		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 68

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		435042.46	435062.46	435082.46	435102.46	435122.46
435142.46		435162.46	435182.46	435202.46		

-----

3767755.07		266.30	266.40	266.40	266.50	266.50
266.60		266.60	266.50	266.40		
3767735.07		265.90	266.00	266.10	266.10	266.20
266.30		266.30	266.20	266.10		
3767715.07		265.60	265.70	265.70	265.80	265.90
266.00		266.00	265.90	265.70		



3767695.07		265.40	265.50	265.50	265.50	265.60
265.70		265.70	265.50	265.40		
3767675.07		265.30	265.20	265.20	265.20	265.30
265.30		265.30	265.30	265.30		
3767655.07		265.20	265.00	264.90	265.00	265.00
265.00		265.00	265.10	265.20		
3767635.07		265.00	264.80	264.70	264.80	264.90
264.90		264.90	265.00	265.20		
3767615.07		264.80	264.60	264.60	264.70	264.80
264.70		264.80	264.90	265.20		
3767595.07		264.50	264.40	264.40	264.50	264.60
264.50		264.70	264.80	265.10		
3767575.07		264.10	264.10	264.10	264.20	264.40
264.30		264.40	264.60	264.90		
3767555.07		263.70	263.80	263.80	264.00	264.10
264.10		264.20	264.40	264.60		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 69

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		435222.46	435242.46	435262.46	435282.46	435302.46
435322.46		435342.46	435362.46	435382.46		

3768555.07		278.50	278.60	278.70	278.90	279.00
279.20		279.30	279.40	279.40		
3768535.07		278.00	278.10	278.20	278.40	278.60
278.70		278.70	278.80	278.70		
3768515.07		277.50	277.60	277.80	278.10	278.30
278.30		278.30	278.20	278.20		
3768495.07		277.20	277.30	277.50	277.90	278.10
278.10		278.00	277.90	278.00		
3768475.07		276.90	277.10	277.30	277.70	277.90
277.80		277.70	277.60	277.70		
3768455.07		276.70	276.80	277.00	277.40	277.50
277.40		277.20	277.20	277.30		
3768435.07		276.30	276.40	276.60	276.90	277.00
276.80		276.60	276.40	276.60		
3768415.07		275.80	275.80	276.10	276.50	276.70

276.50	276.20	276.00	276.30			
3768395.07		275.20	275.30	275.70	276.20	276.40
276.30		275.90	275.80	276.20		
3768375.07		275.00	275.00	275.40	275.90	276.20
276.10		275.70	275.60	276.10		
3768355.07		274.60	274.70	275.10	275.60	275.80
275.70		275.40	275.30	275.80		
3768335.07		274.30	274.40	274.90	275.20	275.30
275.30		275.10	275.00	275.40		
3768315.07		274.00	274.10	274.40	274.60	274.70
274.70		274.70	274.60	275.00		
3768295.07		273.90	273.90	274.10	274.20	274.30
274.40		274.40	274.50	274.80		
3768275.07		273.70	273.70	273.90	274.00	274.10
274.20		274.30	274.40	274.50		
3768255.07		273.60	273.70	274.00	274.20	274.30
274.50		274.60	274.70	274.80		
3768235.07		273.50	273.60	273.90	274.30	274.40
274.50		274.70	274.90	275.00		
3768215.07		273.40	273.50	273.80	274.10	274.20
274.40		274.60	274.80	275.00		
3768195.07		273.30	273.40	273.70	273.90	274.10
274.30		274.40	274.60	274.70		
3768175.07		273.10	273.20	273.50	273.70	273.80
274.00		274.10	274.30	274.40		
3768155.07		272.70	272.90	273.10	273.30	273.40
273.60		273.70	273.90	274.00		
3768135.07		272.50	272.70	272.90	273.00	273.20
273.40		273.50	273.70	273.80		
3768115.07		272.20	272.40	272.50	272.70	272.90
273.10		273.30	273.40	273.60		
3768095.07		271.70	271.90	272.10	272.30	272.40
272.60		272.80	272.90	273.10		
3768075.07		271.40	271.50	271.70	271.80	272.00
272.20		272.30	272.40	272.60		
3768055.07		271.10	271.20	271.40	271.50	271.60
271.80		271.90	272.00	272.10		
3768035.07		270.90	271.10	271.20	271.20	271.40
271.60		271.60	271.60	271.60		
3768015.07		270.60	270.80	270.90	270.90	271.00
271.20		271.30	271.20	271.20		
3767995.07		270.20	270.40	270.50	270.60	270.70
270.90		270.90	270.90	270.80		
3767975.07		269.80	270.00	270.10	270.20	270.30
270.50		270.50	270.50	270.40		
3767955.07		269.30	269.60	269.80	269.90	270.00
270.20		270.20	270.20	270.10		
3767935.07		268.80	269.20	269.50	269.70	269.70
269.90		269.90	269.90	269.90		
3767915.07		268.60	268.90	269.20	269.40	269.40

269.60	269.70	269.70	269.70			
3767895.07		268.30	268.70	268.90	269.10	269.10
269.30	269.40	269.50	269.60			
3767875.07		268.10	268.40	268.60	268.70	268.80
269.00	269.20	269.30	269.40			
3767855.07		267.80	268.00	268.20	268.40	268.50
268.70	268.90	269.10	269.30			
3767835.07		267.50	267.70	267.90	268.10	268.30
268.60	268.80	269.00	269.20			
3767815.07		267.30	267.50	267.80	268.10	268.30
268.60	268.80	269.00	269.20			
3767795.07		267.10	267.40	267.70	267.90	268.20
268.50	268.70	268.90	269.10			
3767775.07		266.80	267.10	267.50	267.80	268.10
268.30	268.50	268.70	268.90			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 70

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435222.46	435242.46	435262.46	435282.46	435302.46
435322.46		435342.46	435362.46	435382.46		
-----						

3767755.07		266.40	266.70	267.10	267.50	267.90
268.10	268.30	268.50	268.70			
3767735.07		266.20	266.60	267.00	267.40	267.70
267.90	268.20	268.40	268.60			
3767715.07		266.00	266.40	266.80	267.30	267.60
267.80	268.00	268.20	268.40			
3767695.07		265.80	266.20	266.70	267.10	267.40
267.60	267.70	267.80	267.90			
3767675.07		265.60	266.10	266.50	266.90	267.20
267.30	267.40	267.50	267.60			
3767655.07		265.50	266.00	266.40	266.70	266.90
267.10	267.10	267.20	267.40			
3767635.07		265.50	265.90	266.20	266.50	266.70
266.80	267.00	267.10	267.10			
3767615.07		265.40	265.80	266.10	266.30	266.50
266.60	266.70	266.70	266.80			

3767595.07	265.30	265.60	265.90	266.10	266.20
266.30	266.30	266.40	266.40		
3767575.07	265.20	265.50	265.70	265.80	265.90
266.00	266.00	266.00	266.00		
3767555.07	265.00	265.30	265.50	265.50	265.60
265.70	265.70	265.70	265.70		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 71

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435402.46	435422.46	435442.46	435462.46	435482.46
435502.46	435522.46	435542.46	435562.46		

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3768555.07	279.50	279.60	279.70	279.90	280.10
280.20	280.30	280.50	280.70		
3768535.07	278.80	278.90	279.10	279.30	279.80
279.90	280.00	280.10	280.30		
3768515.07	278.20	278.30	278.50	278.90	279.60
279.70	279.70	279.70	279.80		
3768495.07	278.00	278.10	278.30	278.80	279.50
279.70	279.70	279.60	279.50		
3768475.07	277.80	277.90	278.10	278.40	279.00
279.30	279.40	279.40	279.20		
3768455.07	277.40	277.60	277.70	277.90	278.30
278.70	279.00	279.20	278.90		
3768435.07	276.70	276.90	277.10	277.30	277.50
277.90	278.40	278.80	278.70		
3768415.07	276.50	276.70	276.90	277.00	277.20
277.60	278.20	278.50	278.40		
3768395.07	276.40	276.60	276.80	277.00	277.20
277.60	278.10	278.30	278.10		
3768375.07	276.30	276.50	276.60	276.80	277.00
277.50	277.90	278.10	277.80		
3768355.07	276.00	276.20	276.30	276.50	276.80
277.30	277.70	277.80	277.50		
3768335.07	275.70	275.90	276.00	276.10	276.40
276.90	277.30	277.50	277.10		
3768315.07	275.30	275.40	275.50	275.80	276.10

276.50	277.00	277.20	276.80			
3768295.07		274.90	275.00	275.20	275.50	275.80
276.20	276.70	276.80	276.50			
3768275.07		274.60	274.70	274.90	275.40	275.60
276.00	276.30	276.50	276.10			
3768255.07		274.90	275.00	275.10	275.40	275.40
275.70	276.00	276.20	275.80			
3768235.07		275.00	275.10	275.20	275.30	275.20
275.50	275.70	275.80	275.50			
3768215.07		275.00	275.10	275.10	275.10	275.10
275.20	275.40	275.50	275.20			
3768195.07		274.80	274.80	274.80	274.70	274.70
274.70	275.00	275.10	274.90			
3768175.07		274.50	274.50	274.40	274.30	274.20
274.20	274.50	274.70	274.70			
3768155.07		274.10	274.10	273.90	273.60	273.50
273.70	274.00	274.30	274.50			
3768135.07		273.90	273.80	273.60	273.20	273.20
273.60	274.00	274.30	274.40			
3768115.07		273.60	273.50	273.30	272.90	273.00
273.50	274.00	274.20	274.40			
3768095.07		273.10	273.00	272.80	272.60	272.80
273.30	273.80	274.10	274.20			
3768075.07		272.70	272.60	272.50	272.40	272.60
273.10	273.50	273.80	274.00			
3768055.07		272.20	272.20	272.10	272.10	272.40
272.80	273.20	273.50	273.70			
3768035.07		271.90	271.90	271.90	271.90	272.20
272.60	273.00	273.30	273.40			
3768015.07		271.50	271.60	271.60	271.70	272.00
272.40	272.80	273.00	273.20			
3767995.07		271.10	271.20	271.30	271.50	271.80
272.20	272.50	272.70	272.90			
3767975.07		270.80	271.00	271.10	271.30	271.60
272.00	272.20	272.40	272.60			
3767955.07		270.50	270.70	270.90	271.00	271.40
271.70	271.90	272.10	272.30			
3767935.07		270.30	270.50	270.60	270.80	271.20
271.40	271.50	271.70	272.00			
3767915.07		270.00	270.30	270.40	270.60	271.00
271.20	271.30	271.50	271.80			
3767895.07		269.80	270.10	270.30	270.50	270.80
271.00	271.20	271.40	271.60			
3767875.07		269.70	269.90	270.10	270.40	270.60
270.80	271.00	271.20	271.40			
3767855.07		269.50	269.80	270.00	270.20	270.40
270.60	270.80	271.00	271.20			
3767835.07		269.50	269.70	269.90	270.10	270.20
270.40	270.70	270.90	271.00			
3767815.07		269.50	269.70	269.80	269.80	270.00



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	435582.46	435602.46	435622.46	435642.46	435662.46	
435682.46	435702.46	435722.46	435742.46			

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3768555.07		280.70	280.80	280.90	281.00	281.10
281.10		281.20	281.40	281.50		
3768535.07		280.30	280.40	280.50	280.60	280.60
280.60		280.70	280.90	281.00		
3768515.07		279.90	280.00	280.10	280.20	280.20
280.20		280.20	280.40	280.50		
3768495.07		279.60	279.70	279.80	279.90	280.00
280.00		280.10	280.20	280.40		
3768475.07		279.30	279.40	279.50	279.60	279.70
279.80		279.80	280.00	280.20		
3768455.07		279.00	279.10	279.20	279.20	279.40
279.50		279.60	279.70	279.90		
3768435.07		278.80	278.90	279.00	279.00	279.20
279.40		279.60	279.70	279.90		
3768415.07		278.60	278.70	278.80	278.80	279.00
279.40		279.60	279.70	279.90		
3768395.07		278.30	278.40	278.50	278.50	278.90
279.40		279.70	279.80	280.10		
3768375.07		277.90	278.10	278.20	278.20	278.70
279.20		279.60	279.70	279.90		
3768355.07		277.60	277.70	277.80	278.00	278.30
278.70		279.00	279.30	279.60		
3768335.07		277.20	277.40	277.50	277.60	277.70
277.90		278.20	278.50	279.00		
3768315.07		276.90	277.10	277.30	277.40	277.50
277.60		277.90	278.30	278.80		
3768295.07		276.60	276.90	277.00	277.10	277.20
277.40		277.70	278.10	278.50		
3768275.07		276.30	276.60	276.80	276.80	277.00
277.20		277.60	277.90	278.10		
3768255.07		276.00	276.30	276.50	276.70	276.80
277.10		277.40	277.70	277.90		
3768235.07		275.70	276.00	276.30	276.50	276.70
277.00		277.30	277.50	277.70		
3768215.07		275.40	275.80	276.10	276.30	276.60





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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435582.46	435602.46	435622.46	435642.46	435662.46
435682.46	435702.46	435722.46	435742.46		

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3767755.07	270.30	270.70	270.90	271.00	271.10
271.20	271.40	271.60	271.80		
3767735.07	270.00	270.30	270.50	270.60	270.70
270.70	271.00	271.30	271.60		
3767715.07	269.60	269.80	270.00	270.20	270.30
270.30	270.60	271.00	271.30		
3767695.07	269.30	269.60	269.80	270.10	270.20
270.20	270.50	270.80	271.00		
3767675.07	269.00	269.20	269.60	269.90	270.10
270.10	270.40	270.60	270.70		
3767655.07	268.70	268.90	269.30	269.70	269.90
269.90	270.20	270.40	270.40		
3767635.07	268.50	268.70	269.00	269.40	269.60
269.70	269.90	270.10	270.20		
3767615.07	268.20	268.50	268.80	269.10	269.30
269.40	269.60	269.80	270.00		
3767595.07	267.80	268.20	268.50	268.80	269.00
269.10	269.40	269.60	269.90		
3767575.07	267.50	267.90	268.30	268.60	268.80
269.00	269.20	269.40	269.70		
3767555.07	267.20	267.60	268.00	268.40	268.60
268.70	269.00	269.20	269.40		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	435762.46	435782.46	435802.46	435822.46	435842.46
435862.46	435882.46	435902.46	435922.46		

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3768555.07	281.80	282.10	282.30	282.50	282.70
282.90	283.10	283.30	283.60		
3768535.07	281.40	281.70	282.10	282.20	282.30
282.50	282.70	283.00	283.30		
3768515.07	281.00	281.50	281.80	281.90	282.00
282.20	282.40	282.60	283.10		
3768495.07	280.80	281.20	281.50	281.50	281.60
281.90	282.10	282.40	282.70		
3768475.07	280.60	280.90	281.10	281.00	281.30
281.60	281.90	282.10	282.50		
3768455.07	280.30	280.60	280.60	280.50	280.90
281.30	281.60	281.90	282.20		
3768435.07	280.20	280.40	280.40	280.20	280.60
281.00	281.40	281.80	282.10		
3768415.07	280.20	280.30	280.20	280.10	280.40
280.80	281.30	281.70	281.90		
3768395.07	280.20	280.20	280.10	279.90	280.30
280.70	281.10	281.60	281.80		
3768375.07	280.10	280.10	279.90	279.80	280.20
280.60	281.00	281.40	281.60		
3768355.07	279.80	279.90	279.80	279.60	280.00
280.40	280.80	281.10	281.30		
3768335.07	279.50	279.70	279.60	279.50	279.80
280.10	280.40	280.70	280.90		
3768315.07	279.20	279.50	279.50	279.30	279.50
279.80	280.00	280.30	280.50		
3768295.07	278.90	279.30	279.40	279.20	279.40
279.60	279.80	280.00	280.20		
3768275.07	278.60	279.00	279.20	279.20	279.40
279.60	279.80	280.00	280.20		
3768255.07	278.20	278.50	278.70	278.80	279.10
279.50	279.70	279.80	279.90		
3768235.07	277.80	278.00	278.20	278.50	278.90
279.30	279.50	279.50	279.50		
3768215.07	277.60	277.70	277.90	278.30	278.70
279.10	279.20	279.20	279.10		
3768195.07	277.30	277.50	277.80	278.20	278.50
278.80	278.90	278.80	278.80		
3768175.07	277.20	277.40	277.70	278.10	278.40
278.50	278.50	278.50	278.60		
3768155.07	277.10	277.40	277.70	277.90	278.10
278.20	278.20	278.20	278.30		
3768135.07	277.10	277.40	277.70	278.00	278.10
278.00	277.90	277.90	278.10		
3768115.07	276.90	277.30	277.70	277.90	278.00

277.70	277.50	277.50	277.80			
3768095.07		276.30	276.60	276.80	276.90	277.00
277.00		277.00	277.20	277.50		
3768075.07		275.80	276.10	276.20	276.20	276.30
276.50		276.70	277.00	277.20		
3768055.07		275.40	275.70	275.70	275.70	275.90
276.20		276.50	276.70	277.00		
3768035.07		275.20	275.50	275.50	275.50	275.80
276.00		276.30	276.50	276.80		
3768015.07		274.90	275.30	275.30	275.30	275.60
275.90		276.10	276.30	276.60		
3767995.07		274.70	275.10	275.20	275.20	275.50
275.80		275.90	276.10	276.40		
3767975.07		274.50	275.00	275.10	275.10	275.40
275.70		275.90	276.10	276.20		
3767955.07		274.40	274.90	275.10	275.00	275.30
275.60		275.80	276.00	276.10		
3767935.07		274.30	274.80	275.10	275.10	275.20
275.50		275.70	275.90	276.10		
3767915.07		274.10	274.60	274.80	274.90	275.10
275.40		275.60	275.70	276.00		
3767895.07		273.80	274.20	274.40	274.50	274.80
275.20		275.40	275.50	275.80		
3767875.07		273.30	273.70	273.80	273.90	274.20
274.80		275.00	275.10	275.40		
3767855.07		273.10	273.50	273.60	273.60	274.00
274.50		274.70	274.90	275.30		
3767835.07		272.90	273.30	273.40	273.40	273.80
274.30		274.30	274.60	275.20		
3767815.07		272.50	273.00	273.10	273.20	273.60
273.90		274.00	274.20	274.70		
3767795.07		272.20	272.60	272.80	273.00	273.40
273.70		273.80	274.00	274.40		
3767775.07		271.90	272.20	272.60	272.90	273.20
273.40		273.60	273.80	274.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 76

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		435762.46	435782.46	435802.46	435822.46	435842.46

435862.46 435882.46 435902.46 435922.46

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3767755.07	272.00	272.30	272.60	272.90	273.10
273.30	273.50	273.60	273.80		
3767735.07	271.80	272.10	272.40	272.60	272.80
273.00	273.10	273.30	273.40		
3767715.07	271.40	271.70	272.00	272.30	272.50
272.60	272.70	272.90	273.00		
3767695.07	271.10	271.50	271.80	272.10	272.30
272.30	272.40	272.60	272.70		
3767675.07	270.80	271.20	271.60	271.90	272.10
272.10	272.20	272.30	272.50		
3767655.07	270.50	271.00	271.40	271.70	271.80
271.80	271.90	272.10	272.20		
3767635.07	270.40	270.80	271.10	271.40	271.50
271.50	271.60	271.80	271.90		
3767615.07	270.30	270.60	270.80	271.00	271.20
271.30	271.40	271.50	271.60		
3767595.07	270.30	270.40	270.60	270.70	270.90
271.00	271.10	271.20	271.30		
3767575.07	270.00	270.10	270.20	270.30	270.50
270.70	270.80	270.90	271.00		
3767555.07	269.70	269.80	269.80	269.90	270.20
270.40	270.50	270.60	270.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 77

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		435942.46	435962.46	435982.46	436002.46 436022.46
436042.46		436062.46	436082.46	436102.46	

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3768555.07	283.80	284.00	284.20	284.40	284.50
284.60	284.70	284.70	284.70		
3768535.07	283.50	283.70	283.90	284.10	284.30
284.40	284.40	284.30	284.30		
3768515.07	283.30	283.50	283.60	283.80	284.10

284.20	284.20	283.90	283.80			
3768495.07		283.00	283.20	283.40	283.50	283.80
283.90		283.90	283.80	283.70		
3768475.07		282.70	282.90	283.10	283.30	283.50
283.60		283.60	283.50	283.50		
3768455.07		282.50	282.70	282.80	283.00	283.20
283.30		283.30	283.30	283.30		
3768435.07		282.30	282.40	282.50	282.70	282.90
283.00		282.90	282.90	283.00		
3768415.07		282.10	282.10	282.20	282.50	282.60
282.70		282.60	282.60	282.70		
3768395.07		281.80	281.80	282.00	282.20	282.40
282.40		282.40	282.40	282.40		
3768375.07		281.60	281.60	281.70	282.00	282.20
282.10		282.10	282.10	282.10		
3768355.07		281.30	281.30	281.40	281.80	281.90
281.90		281.80	281.80	281.80		
3768335.07		281.00	281.00	281.20	281.50	281.60
281.50		281.50	281.50	281.60		
3768315.07		280.60	280.70	280.90	281.30	281.30
281.30		281.20	281.30	281.30		
3768295.07		280.40	280.40	280.60	281.00	281.00
281.00		281.00	281.00	281.10		
3768275.07		280.30	280.20	280.30	280.60	280.70
280.60		280.70	280.70	280.80		
3768255.07		280.00	279.90	279.90	280.20	280.20
280.30		280.30	280.40	280.50		
3768235.07		279.60	279.50	279.60	279.80	279.80
279.90		280.00	280.00	280.10		
3768215.07		279.20	279.20	279.30	279.50	279.60
279.70		279.80	279.90	279.90		
3768195.07		278.90	278.90	279.10	279.30	279.40
279.50		279.60	279.70	279.80		
3768175.07		278.60	278.70	278.80	279.00	279.10
279.30		279.40	279.50	279.60		
3768155.07		278.40	278.50	278.60	278.90	279.00
279.20		279.30	279.40	279.50		
3768135.07		278.20	278.30	278.50	278.90	279.00
279.10		279.20	279.30	279.50		
3768115.07		277.90	278.10	278.50	278.90	278.90
279.00		279.10	279.20	279.30		
3768095.07		277.60	277.80	278.20	278.50	278.30
278.20		278.20	278.30	278.50		
3768075.07		277.40	277.60	278.00	278.20	277.90
277.70		277.70	277.90	278.10		
3768055.07		277.20	277.40	277.80	278.10	277.80
277.50		277.50	277.80	278.00		
3768035.07		277.00	277.20	277.60	277.90	277.70
277.40		277.50	277.80	278.00		
3768015.07		276.80	277.00	277.30	277.70	277.60

277.30	277.40	277.70	277.90			
3767995.07		276.60	276.80	277.10	277.40	277.50
277.10		277.20	277.50	277.70		
3767975.07		276.40	276.50	276.70	277.00	277.10
276.90		277.00	277.20	277.40		
3767955.07		276.30	276.30	276.50	276.70	276.90
276.80		276.90	277.10	277.20		
3767935.07		276.20	276.20	276.30	276.70	277.00
277.00		277.10	277.30	277.30		
3767915.07		276.10	276.10	276.20	276.40	276.60
276.70		276.70	276.80	276.90		
3767895.07		276.00	275.90	275.90	276.10	276.20
276.20		276.20	276.30	276.30		
3767875.07		275.70	275.60	275.60	275.60	275.60
275.60		275.60	275.70	275.70		
3767855.07		275.60	275.50	275.40	275.30	275.40
275.30		275.30	275.40	275.40		
3767835.07		275.50	275.30	275.10	275.10	275.20
275.20		275.20	275.20	275.20		
3767815.07		275.20	275.00	274.90	274.90	275.00
275.00		274.90	274.90	274.90		
3767795.07		274.90	274.70	274.60	274.60	274.70
274.70		274.70	274.60	274.50		
3767775.07		274.50	274.40	274.30	274.30	274.40
274.50		274.40	274.30	274.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 78

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		435942.46	435962.46	435982.46	436002.46	436022.46
436042.46		436062.46	436082.46	436102.46		

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3767755.07		274.00	274.00	274.00	274.00	274.10
274.10		274.10	273.90	273.80		
3767735.07		273.60	273.60	273.70	273.70	273.70
273.70		273.60	273.50	273.40		
3767715.07		273.20	273.30	273.40	273.40	273.30
273.10		273.10	273.00	272.90		

3767695.07	272.90	273.00	273.00	273.00	272.90
272.80	272.80	272.80	272.70		
3767675.07	272.60	272.60	272.60	272.60	272.50
272.50	272.50	272.50	272.50		
3767655.07	272.40	272.30	272.30	272.20	272.20
272.20	272.20	272.20	272.20		
3767635.07	272.00	271.90	271.90	271.90	271.90
271.80	271.80	271.90	271.90		
3767615.07	271.60	271.60	271.60	271.60	271.60
271.60	271.50	271.50	271.50		
3767595.07	271.30	271.40	271.40	271.40	271.40
271.40	271.30	271.30	271.20		
3767575.07	271.00	271.00	271.10	271.10	271.20
271.20	271.10	271.00	270.80		
3767555.07	270.70	270.70	270.80	270.80	270.90
270.90	270.90	270.70	270.30		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 79

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436122.46	436142.46	436162.46	436182.46	436202.46
436222.46	436242.46	436262.46	436282.46		

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3768555.07	284.70	284.70	284.80	284.80	284.80
284.70	284.70	284.70	284.70		
3768535.07	284.30	284.30	284.30	284.40	284.30
284.30	284.30	284.30	284.30		
3768515.07	283.90	283.90	283.90	283.90	283.90
283.90	283.90	283.80	283.90		
3768495.07	283.80	283.80	283.70	283.60	283.60
283.60	283.60	283.50	283.60		
3768475.07	283.60	283.60	283.50	283.30	283.20
283.20	283.20	283.30	283.40		
3768455.07	283.40	283.40	283.20	282.80	282.50
282.70	282.80	283.00	283.20		
3768435.07	283.10	283.20	283.00	282.50	282.20
282.30	282.40	282.60	283.00		
3768415.07	282.90	282.90	282.70	282.20	281.90

281.90	282.00	282.20	282.60			
3768395.07		282.60	282.60	282.40	281.90	281.60
281.50		281.60	281.80	282.10		
3768375.07		282.30	282.30	282.10	281.70	281.30
281.20		281.40	281.60	281.80		
3768355.07		282.00	282.00	281.90	281.40	281.00
281.00		281.10	281.30	281.40		
3768335.07		281.70	281.80	281.60	281.20	280.80
280.60		280.70	280.80	280.90		
3768315.07		281.50	281.50	281.40	281.10	280.70
280.50		280.60	280.70	280.80		
3768295.07		281.20	281.30	281.20	281.00	280.70
280.50		280.50	280.60	280.70		
3768275.07		281.00	281.00	280.90	280.80	280.70
280.40		280.30	280.40	280.50		
3768255.07		280.60	280.70	280.60	280.60	280.70
280.50		280.30	280.20	280.30		
3768235.07		280.20	280.30	280.40	280.40	280.60
280.40		280.20	280.20	280.20		
3768215.07		280.00	280.10	280.20	280.30	280.40
280.20		280.10	280.00	280.00		
3768195.07		279.80	280.00	280.00	280.10	280.20
280.10		279.90	279.80	279.90		
3768175.07		279.70	279.80	279.90	280.00	280.10
280.00		279.80	279.70	279.80		
3768155.07		279.60	279.80	279.80	279.90	279.90
279.80		279.60	279.50	279.50		
3768135.07		279.60	279.70	279.70	279.70	279.80
279.70		279.60	279.40	279.20		
3768115.07		279.50	279.60	279.60	279.50	279.60
279.60		279.50	279.30	279.00		
3768095.07		278.70	278.80	278.80	278.90	278.90
278.90		278.80	278.60	278.30		
3768075.07		278.20	278.40	278.40	278.40	278.40
278.30		278.30	278.20	277.90		
3768055.07		278.20	278.30	278.30	278.20	277.90
277.90		278.00	277.90	277.60		
3768035.07		278.20	278.20	278.20	278.00	277.70
277.80		277.90	277.80	277.50		
3768015.07		278.00	278.00	278.00	277.80	277.50
277.60		277.70	277.60	277.30		
3767995.07		277.60	277.70	277.70	277.60	277.30
277.30		277.40	277.20	277.00		
3767975.07		277.30	277.50	277.50	277.40	277.10
277.00		277.00	276.90	276.70		
3767955.07		277.10	277.40	277.40	277.20	276.80
276.80		276.70	276.60	276.50		
3767935.07		277.10	277.40	277.30	277.00	276.60
276.60		276.60	276.60	276.40		
3767915.07		276.70	276.90	276.80	276.60	276.30



276.30	276.40	276.40	276.20			
3767895.07		276.20	276.20	276.30	276.20	276.00
276.00	276.10	276.10	275.90			
3767875.07		275.70	275.70	275.70	275.80	275.70
275.70	275.80	275.70	275.50			
3767855.07		275.40	275.30	275.40	275.40	275.30
275.40	275.40	275.40	275.20			
3767835.07		275.10	275.10	275.10	275.10	275.00
275.10	275.10	275.00	274.80			
3767815.07		274.80	274.80	274.80	274.90	274.70
274.70	274.70	274.60	274.40			
3767795.07		274.50	274.50	274.60	274.60	274.60
274.50	274.40	274.30	274.20			
3767775.07		274.10	274.10	274.30	274.50	274.50
274.30	274.20	274.10	274.10			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
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PAGE 80

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		436122.46	436142.46	436162.46	436182.46	436202.46
436222.46		436242.46	436262.46	436282.46		

3767755.07		273.70	273.70	273.80	273.90	273.80
273.60	273.50	273.50	273.50			
3767735.07		273.30	273.30	273.30	273.30	273.10
272.70	272.70	272.70	272.80			
3767715.07		272.90	272.90	272.80	272.60	272.20
271.80	271.80	272.00	272.10			
3767695.07		272.60	272.70	272.60	272.30	271.80
271.60	271.60	271.70	271.90			
3767675.07		272.40	272.40	272.20	271.90	271.50
271.30	271.40	271.50	271.70			
3767655.07		272.20	272.10	271.80	271.50	271.20
271.20	271.20	271.40	271.60			
3767635.07		271.80	271.60	271.30	271.10	270.80
270.80	270.90	271.10	271.30			
3767615.07		271.40	271.10	270.80	270.60	270.40
270.40	270.50	270.70	270.90			

3767595.07	270.80	270.50	270.10	269.90	269.90
269.90	270.00	270.20	270.40		
3767575.07	270.30	270.00	269.90	269.80	269.70
269.80	269.80	269.90	270.20		
3767555.07	269.80	269.70	269.60	269.60	269.70
269.70	269.70	269.80	270.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
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PAGE 81

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436302.46	436322.46	436342.46	436362.46	436382.46
436402.46	436422.46	436442.46	436462.46		

3768555.07	284.70	284.70	284.70	284.70	284.70
284.90	285.00	285.20	285.20		
3768535.07	284.40	284.40	284.30	284.20	284.20
284.50	284.70	284.80	284.90		
3768515.07	284.00	284.00	283.90	283.70	283.60
284.00	284.30	284.50	284.40		
3768495.07	283.80	283.70	283.50	283.30	283.20
283.50	283.80	284.00	284.10		
3768475.07	283.50	283.40	283.20	282.90	282.90
283.20	283.40	283.60	283.70		
3768455.07	283.10	283.00	282.80	282.60	282.70
282.90	283.10	283.30	283.40		
3768435.07	282.70	282.70	282.60	282.50	282.40
282.60	282.80	283.00	283.10		
3768415.07	282.40	282.40	282.30	282.30	282.20
282.30	282.50	282.60	282.70		
3768395.07	282.10	282.10	282.00	282.00	282.00
282.10	282.20	282.30	282.50		
3768375.07	281.80	281.90	281.80	281.80	281.70
281.80	281.90	282.10	282.20		
3768355.07	281.50	281.60	281.60	281.60	281.50
281.60	281.70	281.80	281.90		
3768335.07	281.10	281.20	281.30	281.30	281.30
281.40	281.50	281.60	281.60		
3768315.07	280.90	281.00	281.10	281.10	281.00

281.20	281.30	281.40	281.30			
3768295.07		280.80	280.90	280.90	280.80	280.80
280.90		281.10	281.10	281.10		
3768275.07		280.50	280.60	280.70	280.60	280.50
280.70		280.90	280.90	280.90		
3768255.07		280.30	280.40	280.40	280.40	280.30
280.40		280.60	280.60	280.60		
3768235.07		280.20	280.20	280.10	280.10	280.00
280.20		280.20	280.20	280.30		
3768215.07		279.90	279.90	279.90	279.80	279.80
279.90		279.90	279.90	280.00		
3768195.07		279.80	279.60	279.60	279.50	279.50
279.60		279.70	279.70	279.70		
3768175.07		279.60	279.40	279.30	279.20	279.20
279.40		279.50	279.50	279.50		
3768155.07		279.20	279.10	278.90	278.90	278.90
279.00		279.10	279.20	279.30		
3768135.07		278.80	278.70	278.60	278.60	278.60
278.70		278.90	278.90	279.00		
3768115.07		278.30	278.20	278.20	278.30	278.30
278.50		278.60	278.70	278.70		
3768095.07		277.90	277.90	278.00	278.00	278.10
278.30		278.40	278.40	278.40		
3768075.07		277.50	277.60	277.70	277.80	277.90
278.10		278.20	278.20	278.10		
3768055.07		277.40	277.50	277.50	277.50	277.60
277.80		277.90	277.90	277.80		
3768035.07		277.20	277.30	277.30	277.30	277.40
277.60		277.60	277.60	277.50		
3768015.07		277.00	277.10	277.10	277.00	277.10
277.30		277.30	277.30	277.20		
3767995.07		276.80	276.90	276.90	276.70	276.80
276.90		277.00	277.00	277.00		
3767975.07		276.50	276.60	276.50	276.40	276.50
276.60		276.70	276.80	276.80		
3767955.07		276.30	276.30	276.20	276.20	276.20
276.30		276.50	276.50	276.60		
3767935.07		276.20	276.20	276.10	275.90	275.90
276.10		276.20	276.30	276.30		
3767915.07		275.90	276.00	275.90	275.70	275.70
275.80		276.00	276.00	276.10		
3767895.07		275.70	275.80	275.60	275.40	275.40
275.50		275.70	275.80	275.80		
3767875.07		275.30	275.50	275.30	275.10	275.10
275.20		275.40	275.50	275.60		
3767855.07		275.00	275.20	275.00	274.80	274.80
274.90		275.00	275.20	275.30		
3767835.07		274.70	274.90	274.80	274.60	274.50
274.60		274.70	274.80	274.90		
3767815.07		274.30	274.60	274.50	274.30	274.30



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436482.46	436502.46	436522.46	436542.46	436562.46
436582.46	436602.46	436622.46	436642.46		

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3768555.07	285.30	285.40	285.50	285.60	285.60
285.80	285.90	286.00	286.10		
3768535.07	284.90	285.00	285.00	285.10	285.20
285.30	285.40	285.50	285.60		
3768515.07	284.50	284.50	284.50	284.50	284.60
284.70	284.70	284.80	285.00		
3768495.07	284.10	284.20	284.30	284.20	284.20
284.30	284.30	284.40	284.50		
3768475.07	283.80	284.00	284.00	284.00	283.90
283.90	283.90	284.00	284.10		
3768455.07	283.50	283.70	283.80	283.80	283.70
283.60	283.50	283.60	283.60		
3768435.07	283.20	283.50	283.70	283.70	283.50
283.30	283.30	283.20	283.30		
3768415.07	283.00	283.20	283.50	283.70	283.40
283.20	283.10	283.00	283.10		
3768395.07	282.70	283.00	283.30	283.70	283.60
283.40	283.10	283.00	283.10		
3768375.07	282.40	282.60	283.00	283.40	283.40
283.30	283.10	282.90	283.00		
3768355.07	282.00	282.30	282.60	283.00	283.10
283.10	283.00	282.90	282.90		
3768335.07	281.70	281.80	282.00	282.20	282.40
282.80	282.90	282.80	282.80		
3768315.07	281.40	281.50	281.70	281.80	282.00
282.70	282.90	282.80	282.70		
3768295.07	281.10	281.30	281.40	281.60	281.90
282.70	282.90	282.80	282.70		
3768275.07	280.90	281.10	281.20	281.40	281.70
282.40	282.70	282.80	282.80		
3768255.07	280.70	280.80	281.00	281.10	281.30
281.80	282.10	282.20	282.20		
3768235.07	280.50	280.60	280.70	280.70	280.80
281.00	281.10	281.20	281.30		
3768215.07	280.20	280.30	280.40	280.40	280.50



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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436482.46	436502.46	436522.46	436542.46	436562.46
436582.46	436602.46	436622.46	436642.46		

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3767755.07	274.40	274.30	274.30	274.30	274.30
274.00	274.10	274.60	275.20		
3767735.07	273.90	273.90	273.80	273.80	273.80
273.60	273.70	274.20	274.70		
3767715.07	273.40	273.40	273.40	273.30	273.30
273.20	273.30	273.70	274.20		
3767695.07	273.20	273.20	273.10	273.00	272.90
272.90	273.00	273.30	273.80		
3767675.07	273.00	273.00	272.90	272.80	272.60
272.60	272.70	273.00	273.40		
3767655.07	272.70	272.70	272.60	272.50	272.40
272.30	272.50	272.70	273.10		
3767635.07	272.40	272.30	272.30	272.20	272.20
272.20	272.30	272.50	272.90		
3767615.07	272.00	271.90	271.90	272.00	272.00
272.10	272.20	272.40	272.70		
3767595.07	271.60	271.50	271.50	271.60	271.80
272.00	272.20	272.40	272.70		
3767575.07	271.20	271.20	271.10	271.30	271.60
272.00	272.20	272.40	272.60		
3767555.07	270.80	270.80	270.80	271.00	271.40
271.80	272.10	272.40	272.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
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(METERS)	436662.46	436682.46	436702.46	436722.46	436742.46
436762.46	436782.46	436802.46	436822.46		

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3768555.07	286.20	286.30	286.30	286.40	286.40
286.40	286.40	286.40	286.50		
3768535.07	285.80	285.90	286.00	286.10	286.10
286.00	286.00	286.10	286.20		
3768515.07	285.20	285.40	285.60	285.70	285.70
285.50	285.60	285.70	285.80		
3768495.07	284.70	284.90	285.10	285.30	285.40
285.20	285.10	285.20	285.30		
3768475.07	284.20	284.40	284.60	284.80	285.10
284.80	284.80	284.80	284.90		
3768455.07	283.70	283.80	283.90	284.20	284.60
284.50	284.40	284.50	284.60		
3768435.07	283.40	283.50	283.60	283.90	284.30
284.20	284.20	284.20	284.30		
3768415.07	283.20	283.40	283.50	283.80	284.20
284.00	284.00	284.00	284.20		
3768395.07	283.30	283.50	283.70	284.00	284.30
283.90	283.90	284.00	284.30		
3768375.07	283.20	283.50	283.70	283.90	284.20
283.70	283.70	283.90	284.20		
3768355.07	283.20	283.40	283.60	283.70	283.80
283.50	283.50	283.70	283.90		
3768335.07	283.00	283.20	283.30	283.40	283.40
283.10	283.20	283.40	283.50		
3768315.07	282.90	283.00	283.10	283.20	283.20
282.90	282.90	283.10	283.20		
3768295.07	282.80	282.90	283.00	283.10	283.10
282.60	282.70	282.90	282.90		
3768275.07	282.80	282.90	283.00	283.10	283.10
282.50	282.50	282.70	282.70		
3768255.07	282.20	282.30	282.50	282.70	282.80
282.30	282.30	282.40	282.50		
3768235.07	281.20	281.30	281.50	281.90	282.20
281.90	282.00	282.20	282.20		
3768215.07	280.90	280.90	281.10	281.50	281.70
281.60	281.70	281.80	281.90		
3768195.07	280.60	280.60	280.80	281.10	281.30
281.20	281.30	281.50	281.60		
3768175.07	280.30	280.30	280.50	280.70	280.80
280.90	281.00	281.10	281.30		
3768155.07	280.00	280.10	280.20	280.40	280.50
280.50	280.60	280.70	280.80		
3768135.07	279.70	279.80	280.00	280.20	280.30
280.20	280.20	280.30	280.40		
3768115.07	279.60	279.60	279.70	279.90	280.10



280.00	279.90	280.00	280.20			
3768095.07		279.30	279.40	279.50	279.60	279.70
279.60		279.60	279.70	280.00		
3768075.07		279.10	279.20	279.20	279.30	279.40
279.30		279.30	279.40	279.70		
3768055.07		278.90	279.00	279.10	279.10	279.10
279.00		279.00	279.10	279.30		
3768035.07		278.80	278.90	279.00	279.00	278.90
278.70		278.70	278.80	278.90		
3768015.07		278.70	278.80	278.80	278.80	278.70
278.50		278.40	278.50	278.50		
3767995.07		278.40	278.50	278.50	278.40	278.40
278.20		278.20	278.20	278.20		
3767975.07		278.10	278.10	278.10	278.10	278.10
277.90		277.90	277.90	278.00		
3767955.07		277.80	277.80	277.80	277.80	277.80
277.60		277.60	277.70	277.70		
3767935.07		277.20	277.50	277.60	277.60	277.50
277.40		277.40	277.40	277.40		
3767915.07		276.80	277.20	277.30	277.40	277.30
277.20		277.20	277.20	277.10		
3767895.07		276.60	277.00	277.10	277.10	277.00
277.00		277.00	276.90	276.80		
3767875.07		276.40	276.70	276.80	276.80	276.70
276.70		276.80	276.70	276.50		
3767855.07		276.30	276.50	276.50	276.50	276.40
276.50		276.50	276.40	276.20		
3767835.07		276.30	276.30	276.30	276.20	276.10
276.20		276.20	276.10	275.90		
3767815.07		276.20	276.10	276.00	276.00	275.90
275.90		275.90	275.80	275.60		
3767795.07		276.00	275.80	275.80	275.80	275.70
275.70		275.70	275.60	275.40		
3767775.07		275.70	275.60	275.60	275.60	275.60
275.50		275.50	275.30	275.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 86

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

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		436662.46	436682.46	436702.46	436722.46	436742.46

436762.46 436782.46 436802.46 436822.46

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3767755.07		275.40	275.30	275.30	275.30	275.30
275.30		275.20	275.10	274.90		
3767735.07		275.00	275.00	275.00	275.00	275.00
275.00		275.00	274.90	274.60		
3767715.07		274.60	274.60	274.70	274.70	274.70
274.80		274.80	274.60	274.40		
3767695.07		274.20	274.30	274.30	274.30	274.30
274.50		274.40	274.30	274.00		
3767675.07		273.90	273.90	273.90	274.00	274.00
274.10		274.00	273.80	273.60		
3767655.07		273.60	273.60	273.60	273.60	273.70
273.70		273.50	273.20	273.10		
3767635.07		273.30	273.40	273.40	273.30	273.30
273.30		273.10	272.90	272.80		
3767615.07		273.10	273.20	273.10	273.10	273.00
272.90		272.70	272.60	272.50		
3767595.07		273.00	273.00	272.90	272.90	272.80
272.60		272.50	272.40	272.40		
3767575.07		272.80	272.80	272.70	272.70	272.60
272.40		272.20	272.20	272.20		
3767555.07		272.70	272.60	272.50	272.50	272.30
272.10		272.00	272.00	272.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 87

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

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		436842.46	436862.46	436882.46	436902.46	436922.46
436942.46		436962.46	436982.46	437002.46		

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3768555.07		286.60	286.70	286.80	286.90	287.00
287.10		287.40	287.60	287.80		
3768535.07		286.30	286.40	286.40	286.50	286.70
286.90		287.10	287.40	287.50		
3768515.07		286.00	286.00	286.00	286.00	286.20

286.50	286.90	287.20	287.30			
3768495.07		285.50	285.60	285.70	285.80	286.00
286.30		286.70	287.00	287.00		
3768475.07		285.00	285.20	285.40	285.60	285.80
286.20		286.50	286.70	286.70		
3768455.07		284.70	285.00	285.20	285.40	285.60
286.00		286.20	286.30	286.30		
3768435.07		284.50	284.70	284.90	285.20	285.40
285.80		286.00	286.00	285.90		
3768415.07		284.30	284.50	284.70	284.90	285.20
285.50		285.70	285.70	285.60		
3768395.07		284.40	284.50	284.60	284.80	285.10
285.30		285.40	285.40	285.20		
3768375.07		284.30	284.20	284.30	284.50	284.80
285.10		285.10	285.10	285.00		
3768355.07		284.00	283.90	284.00	284.20	284.40
284.70		284.90	284.90	284.80		
3768335.07		283.40	283.50	283.60	283.70	283.80
284.20		284.40	284.50	284.40		
3768315.07		283.00	283.20	283.40	283.40	283.30
283.70		284.10	284.20	284.10		
3768295.07		282.80	283.00	283.20	283.10	283.10
283.40		283.80	283.90	283.80		
3768275.07		282.60	282.80	282.90	282.90	282.80
283.10		283.50	283.60	283.50		
3768255.07		282.30	282.60	282.70	282.60	282.50
282.80		283.20	283.30	283.30		
3768235.07		282.10	282.40	282.50	282.40	282.30
282.60		282.80	283.00	283.00		
3768215.07		281.90	282.20	282.30	282.30	282.10
282.40		282.60	282.70	282.70		
3768195.07		281.60	282.00	282.10	282.10	282.00
282.30		282.40	282.40	282.50		
3768175.07		281.40	281.60	281.80	281.80	281.90
282.10		282.20	282.20	282.20		
3768155.07		281.00	281.20	281.30	281.40	281.50
281.70		281.80	281.90	281.90		
3768135.07		280.60	280.80	280.90	281.00	281.10
281.30		281.50	281.60	281.70		
3768115.07		280.40	280.60	280.60	280.70	280.80
280.90		281.10	281.30	281.40		
3768095.07		280.30	280.50	280.50	280.60	280.60
280.70		280.90	281.00	281.10		
3768075.07		280.10	280.40	280.50	280.50	280.50
280.50		280.60	280.80	280.90		
3768055.07		279.70	280.20	280.40	280.50	280.50
280.40		280.50	280.50	280.60		
3768035.07		279.20	279.70	279.90	280.00	280.00
280.00		280.10	280.20	280.20		
3768015.07		278.70	279.00	279.20	279.30	279.30

279.40	279.60	279.70	279.90			
3767995.07	278.30	278.40	278.50	278.50	278.60	
278.70	279.00	279.30	279.50			
3767975.07	278.00	278.10	278.10	278.20	278.20	
278.40	278.70	279.00	279.20			
3767955.07	277.80	277.90	277.90	278.00	278.10	
278.30	278.50	278.80	278.90			
3767935.07	277.30	277.60	277.80	278.00	278.10	
278.20	278.40	278.50	278.50			
3767915.07	277.00	277.30	277.50	277.70	277.90	
277.90	278.00	278.00	278.00			
3767895.07	276.80	277.00	277.20	277.40	277.40	
277.40	277.50	277.40	277.40			
3767875.07	276.50	276.70	276.90	277.00	277.00	
276.90	276.90	276.80	276.90			
3767855.07	276.10	276.40	276.60	276.60	276.50	
276.40	276.40	276.40	276.50			
3767835.07	275.80	276.10	276.20	276.20	276.10	
276.00	276.00	276.10	276.40			
3767815.07	275.50	275.80	275.90	275.90	275.80	
275.70	275.70	275.90	276.20			
3767795.07	275.20	275.50	275.60	275.60	275.50	
275.40	275.50	275.70	276.10			
3767775.07	274.80	275.20	275.40	275.40	275.20	
275.10	275.20	275.60	276.00			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 88

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		436842.46	436862.46	436882.46	436902.46	436922.46
436942.46		436962.46	436982.46	437002.46		

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3767755.07	274.60	274.80	275.10	275.10	275.00
274.90	275.00	275.40	275.70		
3767735.07	274.30	274.50	274.80	274.90	274.80
274.60	274.90	275.20	275.50		
3767715.07	274.10	274.30	274.50	274.60	274.50
274.40	274.60	274.90	275.30		

3767695.07		273.80	274.00	274.10	274.20	274.20
274.20		274.40	274.70	275.00		
3767675.07		273.40	273.60	273.70	273.80	273.90
274.10		274.20	274.50	274.80		
3767655.07		273.10	273.30	273.40	273.60	273.70
273.90		274.10	274.30	274.60		
3767635.07		272.80	273.00	273.20	273.30	273.50
273.70		273.90	274.10	274.30		
3767615.07		272.60	272.80	272.90	273.10	273.30
273.50		273.70	273.80	274.10		
3767595.07		272.50	272.60	272.70	272.90	273.10
273.30		273.40	273.50	273.80		
3767575.07		272.30	272.40	272.50	272.70	272.90
273.00		273.10	273.30	273.50		
3767555.07		272.10	272.20	272.30	272.50	272.60
272.80		272.80	273.00	273.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*                      \*\*\*  
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PAGE 89

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

\*\*\* NETWORK ID: UCART2      ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		437022.46	437042.46	437062.46	437082.46	437102.46
437122.46		437142.46	437162.46			

3768555.07		287.90	288.00	288.10	288.20	288.20
288.20		288.20	288.20			
3768535.07		287.60	287.60	287.70	287.70	287.70
287.70		287.80	287.80			
3768515.07		287.20	287.20	287.20	287.30	287.30
287.30		287.40	287.40			
3768495.07		286.90	286.90	286.90	287.00	286.90
287.00		287.10	287.00			
3768475.07		286.60	286.60	286.60	286.70	286.70
286.70		286.80	286.70			
3768455.07		286.20	286.20	286.30	286.30	286.30
286.40		286.40	286.40			
3768435.07		285.90	285.80	285.90	285.90	286.00
286.00		286.10	286.10			
3768415.07		285.50	285.50	285.50	285.60	285.70

285.70	285.80	285.80				
3768395.07		285.20	285.20	285.20	285.20	285.40
285.50		285.50	285.50			
3768375.07		284.90	284.90	285.00	285.00	285.10
285.20		285.20	285.20			
3768355.07		284.70	284.70	284.70	284.80	284.90
284.90		284.90	284.90			
3768335.07		284.30	284.30	284.40	284.50	284.50
284.50		284.40	284.40			
3768315.07		283.90	284.00	284.10	284.20	284.20
284.10		284.00	284.00			
3768295.07		283.70	283.70	283.80	283.80	283.80
283.70		283.60	283.60			
3768275.07		283.40	283.40	283.50	283.60	283.60
283.50		283.40	283.30			
3768255.07		283.20	283.10	283.20	283.20	283.30
283.20		283.10	283.00			
3768235.07		282.90	282.90	282.90	282.90	282.80
282.80		282.80	282.70			
3768215.07		282.60	282.60	282.60	282.60	282.50
282.50		282.50	282.40			
3768195.07		282.40	282.30	282.30	282.30	282.30
282.30		282.20	282.10			
3768175.07		282.20	282.10	282.10	282.00	282.00
282.00		281.90	281.90			
3768155.07		281.90	281.90	281.80	281.80	281.80
281.80		281.70	281.60			
3768135.07		281.70	281.60	281.60	281.60	281.60
281.60		281.40	281.30			
3768115.07		281.40	281.30	281.30	281.40	281.40
281.40		281.30	281.20			
3768095.07		281.10	281.00	280.90	280.90	280.90
281.00		280.90	280.90			
3768075.07		280.90	280.70	280.60	280.40	280.30
280.40		280.40	280.60			
3768055.07		280.60	280.40	280.20	280.00	280.00
280.00		280.20	280.40			
3768035.07		280.20	280.10	279.90	279.70	279.60
279.80		279.90	280.20			
3768015.07		279.80	279.70	279.50	279.30	279.30
279.50		279.70	280.00			
3767995.07		279.50	279.40	279.20	279.00	279.00
279.20		279.50	279.80			
3767975.07		279.20	279.10	278.90	278.80	278.80
278.90		279.20	279.60			
3767955.07		278.80	278.80	278.70	278.60	278.50
278.70		279.00	279.40			
3767935.07		278.40	278.40	278.40	278.40	278.40
278.60		278.90	279.20			
3767915.07		277.90	278.00	278.10	278.20	278.30

278.50	278.70	279.00				
3767895.07	277.40	277.50	277.70	277.90	278.10	
278.40	278.60	278.80				
3767875.07	277.00	277.20	277.50	277.70	278.00	
278.30	278.50	278.50				
3767855.07	276.70	277.00	277.30	277.60	277.90	
278.10	278.30	278.30				
3767835.07	276.70	277.00	277.30	277.60	277.90	
278.00	278.00	277.90				
3767815.07	276.60	276.90	277.20	277.50	277.70	
277.80	277.70	277.60				
3767795.07	276.40	276.70	277.10	277.30	277.50	
277.50	277.40	277.30				
3767775.07	276.30	276.60	277.00	277.20	277.20	
277.10	277.10	277.00				

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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 90

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

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		437022.46	437042.46	437062.46	437082.46	437102.46
437122.46		437142.46	437162.46			
-----						
-----						

3767755.07	276.00	276.50	276.80	276.90	276.90
276.80	276.80	276.60			
3767735.07	275.80	276.30	276.60	276.70	276.60
276.50	276.40	276.30			
3767715.07	275.60	276.00	276.20	276.30	276.20
276.10	276.10	276.00			
3767695.07	275.30	275.70	275.80	275.80	275.70
275.70	275.70	275.80			
3767675.07	275.10	275.30	275.40	275.40	275.30
275.30	275.40	275.50			
3767655.07	274.80	275.00	275.00	275.00	275.00
275.10	275.10	275.30			
3767635.07	274.50	274.70	274.70	274.60	274.70
274.80	274.80	275.00			
3767615.07	274.30	274.40	274.30	274.30	274.40
274.50	274.50	274.80			

3767595.07		274.00	274.10	274.00	274.00	274.10
274.20		274.20	274.50			
3767575.07		273.70	273.70	273.70	273.80	273.80
273.80		273.80	274.20			
3767555.07		273.40	273.40	273.50	273.50	273.50
273.50		273.50	273.70			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 91

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

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

( 435651.6, 3768720.6, 282.6, 282.6, 0.0); ( 435652.6,  
 3768592.3, 281.4, 281.4, 0.0);  
 ( 435814.3, 3768590.8, 282.8, 282.8, 0.0); ( 435812.3,  
 3768721.6, 284.0, 284.0, 0.0);

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 92

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

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

DISTANCE	SOURCE	- - RECEPTOR LOCATION - -	
(METERS)	ID	XR (METERS)	YR (METERS)
-1.70	L0000181	435724.9	3768661.2

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33





Profile format: FREE

Surface station no.: 3102  
Name: UNKNOWN

Upper air station no.: 3190  
Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-16.4	0.171	-9.000	-9.000	-999.	170.		32.3	0.09	1.12
1.00	2.03	43.		7.9	285.9	2.0								
12	01	01	1	02	-18.8	0.194	-9.000	-9.000	-999.	205.		41.3	0.09	1.12
1.00	2.28	34.		7.9	285.4	2.0								
12	01	01	1	03	-17.8	0.182	-9.000	-9.000	-999.	187.		36.5	0.09	1.12
1.00	2.15	24.		7.9	282.0	2.0								
12	01	01	1	04	-9.4	0.128	-9.000	-9.000	-999.	110.		19.6	0.09	1.12
1.00	1.55	41.		7.9	283.1	2.0								
12	01	01	1	05	-16.9	0.173	-9.000	-9.000	-999.	173.		33.0	0.09	1.12
1.00	2.05	39.		7.9	280.4	2.0								
12	01	01	1	06	-8.0	0.117	-9.000	-9.000	-999.	97.		17.8	0.09	1.12
1.00	1.43	21.		7.9	282.0	2.0								
12	01	01	1	07	-7.6	0.115	-9.000	-9.000	-999.	93.		17.4	0.09	1.12
1.00	1.40	31.		7.9	282.5	2.0								
12	01	01	1	08	-13.6	0.184	-9.000	-9.000	-999.	190.		40.5	0.09	1.12
0.54	2.16	34.		7.9	284.2	2.0								
12	01	01	1	09	28.4	0.126	0.300	0.011	33.	108.		-6.2	0.09	1.12
0.32	1.03	29.		7.9	289.2	2.0								
12	01	01	1	10	79.8	0.133	0.607	0.010	99.	116.		-2.6	0.09	1.12
0.25	0.94	173.		7.9	292.5	2.0								
12	01	01	1	11	115.8	0.137	0.932	0.006	246.	121.		-2.0	0.09	1.12
0.22	0.92	172.		7.9	295.4	2.0								
12	01	01	1	12	133.7	0.139	1.197	0.005	453.	125.		-1.8	0.09	1.12
0.21	0.92	146.		7.9	297.5	2.0								
12	01	01	1	13	133.2	0.160	1.354	0.005	657.	153.		-2.7	0.09	1.12
0.21	1.14	117.		7.9	299.9	2.0								
12	01	01	1	14	113.5	0.159	1.454	0.005	955.	151.		-3.1	0.09	1.12
0.23	1.16	285.		7.9	300.9	2.0								
12	01	01	1	15	76.2	0.166	1.350	0.005	1138.	163.		-5.3	0.09	1.12
0.26	1.33	72.		7.9	302.0	2.0								
12	01	01	1	16	23.5	0.175	0.925	0.005	1183.	175.		-19.9	0.09	1.12
0.35	1.65	107.		7.9	301.4	2.0								
12	01	01	1	17	-6.1	0.107	-9.000	-9.000	-999.	86.		18.0	0.09	1.12
0.63	1.31	107.		7.9	298.1	2.0								
12	01	01	1	18	-11.1	0.141	-9.000	-9.000	-999.	127.		22.1	0.09	1.12
1.00	1.69	86.		7.9	293.1	2.0								
12	01	01	1	19	-3.2	0.076	-9.000	-9.000	-999.	51.		11.8	0.09	1.12

```

1.00  0.91  64.  7.9  292.0  2.0
 12 01 01  1 20  -2.3  0.066 -9.000 -9.000 -999.  41.  11.2  0.09  1.12
1.00  0.74  73.  7.9  288.8  2.0
 12 01 01  1 21 -10.0  0.133 -9.000 -9.000 -999. 116.  20.5  0.09  1.12
1.00  1.60  14.  7.9  288.1  2.0
 12 01 01  1 22 -19.4  0.201 -9.000 -9.000 -999. 216.  44.5  0.09  1.12
1.00  2.36  22.  7.9  287.5  2.0
 12 01 01  1 23 -23.7  0.246 -9.000 -9.000 -999. 293.  66.5  0.09  1.12
1.00  2.86  40.  7.9  287.0  2.0
 12 01 01  1 24 -12.3  0.147 -9.000 -9.000 -999. 139.  23.8  0.09  1.12
1.00  1.76  40.  7.9  283.8  2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR  WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01  7.9 1  43.  2.03  286.0  99.0  -99.00  -99.00

```

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

```

^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***                                     ***
***                                     10:46:33

```

PAGE 95

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

```

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
, L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
, L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
, L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

```

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

```

Y-COORD | X-COORD (METERS)
(METERS) | 431735.17 432134.14 432533.11 432932.08 433331.05
433730.02 434128.99 434527.96 434926.93

```

```

-----
3772650.86 | 0.03101 0.03089 0.03188 0.03333 0.03525

```

0.03521	0.03576	0.03596	0.03471			
3772251.89		0.03554	0.03725	0.03772	0.03978	0.04185
0.04405	0.04471	0.04500	0.04353			
3771852.92		0.04039	0.04375	0.04607	0.04772	0.05131
0.05523	0.05710	0.05708	0.05662			
3771453.95		0.04763	0.05075	0.05425	0.05853	0.06214
0.06552	0.07175	0.07160	0.07389			
3771054.98		0.05534	0.05992	0.06484	0.07150	0.07842
0.08473	0.09318	0.09926	0.10201			
3770656.01		0.06407	0.07051	0.07819	0.08733	0.09758
0.10839	0.12039	0.13497	0.14387			
3770257.04		0.08050	0.09275	0.10372	0.10663	0.12215
0.13989	0.16137	0.18718	0.21362			
3769858.07		0.08503	0.09897	0.11690	0.14043	0.17113
0.18507	0.22409	0.26487	0.33252			
3769459.10		0.08928	0.10476	0.12503	0.15235	0.19082
0.24694	0.33303	0.45311	0.56059			
3769060.13		0.09292	0.10968	0.13204	0.16295	0.20758
0.27535	0.38732	0.59102	1.04731			
3768661.16		0.09539	0.11302	0.13690	0.17022	0.21870
0.29510	0.42538	0.68664	1.34684			
3768262.19		0.09649	0.11442	0.13880	0.17242	0.22223
0.29958	0.43064	0.69037	1.32800			
3767863.22		0.09622	0.11396	0.13806	0.17123	0.21885
0.29220	0.41297	0.63272	1.03378			
3767464.25		0.09517	0.11272	0.13545	0.16718	0.21192
0.27729	0.37651	0.52461	0.69953			
3767065.28		0.09385	0.11028	0.13195	0.16051	0.20050
0.25409	0.32519	0.40697	0.47227			
3766666.31		0.09153	0.10698	0.12711	0.15183	0.18548
0.22509	0.26951	0.31083	0.33148			
3766267.34		0.08868	0.10277	0.12095	0.14116	0.16674
0.19462	0.22036	0.23947	0.24434			
3765868.37		0.08529	0.09804	0.11323	0.12908	0.14718
0.16558	0.18004	0.18784	0.18826			
3765469.40		0.08136	0.09202	0.10433	0.11660	0.12927
0.14021	0.14851	0.15101	0.15019			
3765070.43		0.07741	0.08577	0.09473	0.10398	0.11272
0.11979	0.12321	0.12366	0.12316			
3764671.46		0.07241	0.07910	0.08611	0.09275	0.09840
0.10255	0.10354	0.10332	0.10304			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):

L0000001 , L0000002

, L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	435325.90	435724.87	436123.84	436522.81	436921.78
437320.75	437719.72	438118.69	438517.66		

3772650.86		0.03718	0.03642	0.03553	0.03770	0.04300
0.04433		0.04528	0.04717	0.04897		
3772251.89		0.04936	0.04506	0.04445	0.04746	0.05383
0.05415		0.05609	0.05860	0.05904		
3771852.92		0.06524	0.05824	0.05653	0.06248	0.06812
0.06912		0.07226	0.07339	0.07148		
3771453.95		0.07522	0.07570	0.07652	0.08584	0.08906
0.09072		0.09445	0.09235	0.09415		
3771054.98		0.10358	0.10587	0.10609	0.11871	0.12128
0.12643		0.12470	0.12601	0.13793		
3770656.01		0.14893	0.15443	0.15806	0.17380	0.17807
0.17781		0.18037	0.19872	0.21998		
3770257.04		0.22765	0.24288	0.25489	0.27134	0.27593
0.27637		0.31217	0.35150	0.38562		
3769858.07		0.39062	0.42347	0.45889	0.47341	0.48803
0.56352		0.63926	0.65724	0.62373		
3769459.10		0.77381	0.93686	1.03201	1.06172	1.27859
1.31918		1.16593	0.95336	0.76160		
3769060.13		2.22301	3.67094	4.07267	4.18276	2.88825
1.86157		1.24650	0.88014	0.65090		
3768661.16		4.40325	257.74610	12.50021	3.65271	1.83936
1.11569		0.75654	0.55171	0.42231		
3768262.19		3.29603	5.17845	2.78686	1.41122	0.87877
0.61085		0.45425	0.35375	0.28504		
3767863.22		1.50515	1.55369	1.24700	0.83843	0.58108
0.43001		0.33388	0.26841	0.22156		
3767464.25		0.79072	0.77840	0.68705	0.55045	0.42064
0.32839		0.26394	0.21724	0.18307		



3770257.04	0.39701	0.39179	0.37006
3769858.07	0.56270	0.49344	0.42750
3769459.10	0.61014	0.49401	0.40518
3769060.13	0.50095	0.39796	0.32390
3768661.16	0.33628	0.27516	0.22982
3768262.19	0.23548	0.19798	0.16887
3767863.22	0.18686	0.16017	0.13923
3767464.25	0.15686	0.13623	0.11977
3767065.28	0.13448	0.11827	0.10509
3766666.31	0.11710	0.10393	0.09312
3766267.34	0.10328	0.09254	0.08313
3765868.37	0.09203	0.08288	0.07506
3765469.40	0.08205	0.07462	0.06811
3765070.43	0.07371	0.06751	0.06211
3764671.46	0.06640	0.06138	0.05680

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 98

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	433962.46	433982.46	434002.46	434022.46    434042.46
434062.46	434082.46	434102.46	434122.46	

3768555.07	0.36552	0.37234	0.37946	0.38679	0.39436
0.40227	0.41043	0.41887	0.42749		
3768535.07	0.36593	0.37276	0.37979	0.38704	0.39471
0.40262	0.41090	0.41935	0.42798		

3768515.07		0.36627	0.37318	0.38023	0.38739	0.39497
0.40289		0.41118	0.41953	0.42815		
3768495.07		0.36662	0.37354	0.38050	0.38766	0.39524
0.40307		0.41136	0.41971	0.42834		
3768475.07		0.36691	0.37384	0.38080	0.38796	0.39555
0.40338		0.41167	0.42003	0.42866		
3768455.07		0.36706	0.37398	0.38103	0.38819	0.39578
0.40371		0.41191	0.42027	0.42890		
3768435.07		0.36723	0.37406	0.38110	0.38835	0.39594
0.40388		0.41207	0.42042	0.42905		
3768415.07		0.36734	0.37417	0.38120	0.38856	0.39614
0.40408		0.41216	0.42051	0.42925		
3768395.07		0.36730	0.37422	0.38125	0.38870	0.39628
0.40421		0.41229	0.42064	0.42926		
3768375.07		0.36730	0.37421	0.38123	0.38868	0.39636
0.40418		0.41225	0.42058	0.42919		
3768355.07		0.36725	0.37405	0.38116	0.38859	0.39627
0.40408		0.41225	0.42057	0.42892		
3768335.07		0.36704	0.37393	0.38103	0.38846	0.39601
0.40391		0.41208	0.42051	0.42871		
3768315.07		0.36689	0.37376	0.38096	0.38826	0.39580
0.40369		0.41196	0.42038	0.42857		
3768295.07		0.36668	0.37355	0.38062	0.38769	0.39519
0.40306		0.41130	0.41982	0.42823		
3768275.07		0.36644	0.37328	0.38023	0.38716	0.39464
0.40248		0.41083	0.41932	0.42797		
3768255.07		0.36615	0.37287	0.37968	0.38658	0.39416
0.40210		0.41042	0.41902	0.42765		
3768235.07		0.36581	0.37252	0.37942	0.38642	0.39398
0.40203		0.41034	0.41893	0.42741		
3768215.07		0.36544	0.37213	0.37901	0.38610	0.39388
0.40192		0.41009	0.41866	0.42712		
3768195.07		0.36492	0.37169	0.37867	0.38585	0.39362
0.40164		0.40979	0.41808	0.42665		
3768175.07		0.36437	0.37122	0.37829	0.38557	0.39320
0.40095		0.40895	0.41720	0.42573		
3768155.07		0.36388	0.37072	0.37787	0.38513	0.39262
0.40022		0.40805	0.41627	0.42475		
3768135.07		0.36336	0.37017	0.37742	0.38478	0.39212
0.39957		0.40724	0.41528	0.42386		
3768115.07		0.36270	0.36948	0.37670	0.38415	0.39146
0.39875		0.40638	0.41452	0.42306		
3768095.07		0.36200	0.36876	0.37607	0.38349	0.39077
0.39802		0.40561	0.41372	0.42250		
3768075.07		0.36139	0.36823	0.37540	0.38291	0.39016
0.39738		0.40494	0.41301	0.42147		
3768055.07		0.36085	0.36755	0.37481	0.38229	0.38951
0.39670		0.40409	0.41226	0.42054		
3768035.07		0.36017	0.36696	0.37419	0.38152	0.38871
0.39585		0.40334	0.41133	0.41956		



3768015.07		0.35958	0.36634	0.37342	0.38060	0.38787
0.39497		0.40241	0.41035	0.41854		
3767995.07		0.35895	0.36557	0.37250	0.37963	0.38686
0.39405		0.40158	0.40948	0.41762		
3767975.07		0.35818	0.36476	0.37166	0.37863	0.38582
0.39309		0.40057	0.40842	0.41666		
3767955.07		0.35750	0.36405	0.37079	0.37772	0.38486
0.39208		0.39966	0.40760	0.41564		
3767935.07		0.35679	0.36318	0.36988	0.37677	0.38387
0.39105		0.39857	0.40646	0.41473		
3767915.07		0.35592	0.36228	0.36894	0.37591	0.38297
0.39010		0.39744	0.40541	0.41348		
3767895.07		0.35515	0.36135	0.36796	0.37489	0.38190
0.38898		0.39626	0.40418	0.41233		
3767875.07		0.35423	0.36050	0.36708	0.37384	0.38079
0.38782		0.39518	0.40304	0.41114		
3767855.07		0.35339	0.35950	0.36603	0.37287	0.37978
0.38675		0.39406	0.40186	0.40989		
3767835.07		0.35251	0.35859	0.36495	0.37174	0.37872
0.38564		0.39289	0.40063	0.40874		
3767815.07		0.35161	0.35764	0.36396	0.37069	0.37762
0.38449		0.39168	0.39935	0.40739		
3767795.07		0.35056	0.35666	0.36293	0.36961	0.37662
0.38343		0.39056	0.39803	0.40586		
3767775.07		0.34958	0.35564	0.36198	0.36862	0.37544
0.38219		0.38926	0.39666	0.40428		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 99

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*

INCLUDING SOURCE(S):      L0000001      ,    L0000002  
 ,    L0000003      ,    L0000004      ,    L0000005      ,  
                                          L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010  
 ,    L0000011      ,    L0000012      ,    L0000013      ,  
                                          L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018  
 ,    L0000019      ,    L0000020      ,    L0000021      ,  
                                          L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026  
 ,    L0000027      ,    L0000028      ,    . . .      ,

\*\*\* NETWORK ID: UCART2      ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	433962.46	433982.46	434002.46	434022.46	434042.46
434062.46	434082.46	434102.46	434122.46		

3767755.07	0.34858	0.35471	0.36112	0.36758	0.37435
0.38117	0.38805	0.39538	0.40264		
3767735.07	0.34754	0.35385	0.36046	0.36700	0.37359
0.38024	0.38719	0.39433	0.40124		
3767715.07	0.34635	0.35261	0.35916	0.36551	0.37204
0.37874	0.38562	0.39254	0.39951		
3767695.07	0.34502	0.35122	0.35758	0.36374	0.37019
0.37681	0.38360	0.39058	0.39773		
3767675.07	0.34376	0.34967	0.35584	0.36206	0.36843
0.37497	0.38168	0.38883	0.39590		
3767655.07	0.34259	0.34855	0.35467	0.36095	0.36714
0.37361	0.38024	0.38718	0.39416		
3767635.07	0.34138	0.34740	0.35370	0.35980	0.36605
0.37246	0.37902	0.38562	0.39238		
3767615.07	0.34013	0.34610	0.35221	0.35836	0.36454
0.37075	0.37723	0.38374	0.39041		
3767595.07	0.33874	0.34453	0.35057	0.35653	0.36262
0.36887	0.37527	0.38182	0.38839		
3767575.07	0.33743	0.34292	0.34878	0.35465	0.36067
0.36670	0.37313	0.37971	0.38632		
3767555.07	0.33609	0.34163	0.34742	0.35322	0.35917
0.36512	0.37147	0.37797	0.38448		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 100

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

Y-COORD (METERS)		434142.46	434162.46	434182.46	X-COORD (METERS)	434202.46	434222.46
434242.46		434262.46	434282.46	434302.46			

---

3768555.07		0.43640	0.44572	0.45526	0.46513	0.47535
0.48619		0.49770	0.50938	0.52137		
3768535.07		0.43679	0.44612	0.45567	0.46542	0.47565
0.48664		0.49843	0.51040	0.52256		
3768515.07		0.43719	0.44642	0.45608	0.46584	0.47608
0.48708		0.49904	0.51103	0.52335		
3768495.07		0.43737	0.44684	0.45652	0.46629	0.47639
0.48741		0.49939	0.51154	0.52388		
3768475.07		0.43770	0.44705	0.45673	0.46649	0.47659
0.48776		0.49948	0.51165	0.52399		
3768455.07		0.43794	0.44730	0.45685	0.46660	0.47683
0.48772		0.49930	0.51148	0.52381		
3768435.07		0.43810	0.44745	0.45687	0.46674	0.47682
0.48771		0.49899	0.51086	0.52318		
3768415.07		0.43829	0.44752	0.45692	0.46679	0.47701
0.48774		0.49917	0.51103	0.52335		
3768395.07		0.43816	0.44737	0.45690	0.46689	0.47696
0.48783		0.49910	0.51095	0.52309		
3768375.07		0.43795	0.44714	0.45679	0.46677	0.47696
0.48767		0.49893	0.51060	0.52273		
3768355.07		0.43753	0.44656	0.45632	0.46671	0.47689
0.48773		0.49882	0.51048	0.52259		
3768335.07		0.43717	0.44617	0.45605	0.46643	0.47688
0.48756		0.49879	0.51044	0.52235		
3768315.07		0.43701	0.44599	0.45585	0.46636	0.47680
0.48746		0.49867	0.51030	0.52220		
3768295.07		0.43678	0.44589	0.45559	0.46608	0.47650
0.48729		0.49832	0.50992	0.52162		
3768275.07		0.43663	0.44558	0.45541	0.46588	0.47613
0.48689		0.49806	0.50947	0.52130		
3768255.07		0.43629	0.44535	0.45502	0.46547	0.47569
0.48643		0.49756	0.50910	0.52090		
3768235.07		0.43603	0.44493	0.45472	0.46485	0.47503
0.48573		0.49666	0.50815	0.52007		
3768215.07		0.43558	0.44460	0.45421	0.46431	0.47430
0.48481		0.49585	0.50730	0.51917		
3768195.07		0.43508	0.44407	0.45365	0.46357	0.47352
0.48414		0.49514	0.50655	0.51837		
3768175.07		0.43439	0.44334	0.45274	0.46261	0.47251
0.48292		0.49386	0.50521	0.51678		

3768155.07		0.43351	0.44242	0.45177	0.46144	0.47144
0.48179		0.49251	0.50361	0.51511		
3768135.07		0.43258	0.44159	0.45074	0.46052	0.47047
0.48061		0.49126	0.50247	0.51391		
3768115.07		0.43188	0.44071	0.44997	0.45970	0.46977
0.47986		0.49046	0.50180	0.51319		
3768095.07		0.43114	0.44007	0.44930	0.45899	0.46901
0.47905		0.48978	0.50124	0.51258		
3768075.07		0.43021	0.43924	0.44858	0.45807	0.46820
0.47819		0.48886	0.50043	0.51171		
3768055.07		0.42924	0.43822	0.44750	0.45693	0.46684
0.47693		0.48753	0.49903	0.51023		
3768035.07		0.42821	0.43699	0.44621	0.45558	0.46543
0.47544		0.48596	0.49703	0.50812		
3768015.07		0.42700	0.43572	0.44488	0.45418	0.46395
0.47405		0.48450	0.49549	0.50631		
3767995.07		0.42588	0.43454	0.44348	0.45288	0.46241
0.47244		0.48298	0.49388	0.50460		
3767975.07		0.42486	0.43347	0.44235	0.45168	0.46098
0.47076		0.48121	0.49219	0.50301		
3767955.07		0.42379	0.43250	0.44163	0.45091	0.45982
0.46936		0.47919	0.48990	0.50059		
3767935.07		0.42268	0.43132	0.44055	0.44976	0.45860
0.46772		0.47747	0.48789	0.49847		
3767915.07		0.42152	0.43009	0.43925	0.44855	0.45716
0.46619		0.47602	0.48617	0.49665		
3767895.07		0.42030	0.42881	0.43790	0.44712	0.45565
0.46477		0.47433	0.48438	0.49475		
3767875.07		0.41904	0.42748	0.43649	0.44547	0.45408
0.46311		0.47240	0.48252	0.49277		
3767855.07		0.41773	0.42610	0.43472	0.44393	0.45245
0.46121		0.47057	0.48058	0.49072		
3767835.07		0.41651	0.42451	0.43320	0.44216	0.45075
0.45941		0.46867	0.47839	0.48859		
3767815.07		0.41509	0.42302	0.43147	0.44050	0.44899
0.45755		0.46671	0.47630	0.48637		
3767795.07		0.41348	0.42147	0.42984	0.43861	0.44717
0.45580		0.46484	0.47432	0.48409		
3767775.07		0.41182	0.41972	0.42799	0.43651	0.44496
0.45363		0.46273	0.47209	0.48172		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*

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PAGE 101

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	434142.46	434162.46	434182.46	434202.46	434222.46
434242.46	434262.46	434282.46	434302.46		

3767755.07	0.41025	0.41791	0.42609	0.43435	0.44284
0.45157	0.46055	0.46978	0.47927		
3767735.07	0.40848	0.41620	0.42414	0.43229	0.44067
0.44945	0.45830	0.46758	0.47711		
3767715.07	0.40666	0.41429	0.42212	0.43033	0.43859
0.44725	0.45598	0.46512	0.47452		
3767695.07	0.40493	0.41232	0.42005	0.42814	0.43646
0.44483	0.45343	0.46243	0.47167		
3767675.07	0.40301	0.41030	0.41793	0.42606	0.43426
0.44235	0.45081	0.45966	0.46874		
3767655.07	0.40118	0.40837	0.41590	0.42377	0.43184
0.43996	0.44829	0.45682	0.46575		
3767635.07	0.39916	0.40625	0.41366	0.42157	0.42952
0.43735	0.44554	0.45392	0.46269		
3767615.07	0.39723	0.40422	0.41152	0.41916	0.42683
0.43468	0.44273	0.45113	0.45974		
3767595.07	0.39511	0.40214	0.40918	0.41670	0.42439
0.43212	0.44002	0.44810	0.45655		
3767575.07	0.39308	0.40000	0.40694	0.41433	0.42175
0.42933	0.43725	0.44518	0.45347		
3767555.07	0.39101	0.39782	0.40479	0.41191	0.41935
0.42681	0.43442	0.44220	0.45032		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apollo\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 102

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
\*\*\*

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	434322.46	434342.46	434362.46	434382.46 434402.46
434422.46	434442.46	434462.46	434482.46	

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3768555.07	0.53396	0.54705	0.56066	0.57482	0.58957
0.60478	0.62047	0.63682	0.65406		
3768535.07	0.53505	0.54817	0.56182	0.57603	0.59082
0.60591	0.62128	0.63730	0.65474		
3768515.07	0.53586	0.54902	0.56269	0.57693	0.59159
0.60669	0.62208	0.63791	0.65538		
3768495.07	0.53655	0.54972	0.56327	0.57752	0.59235
0.60731	0.62269	0.63833	0.65560		
3768475.07	0.53681	0.54999	0.56369	0.57795	0.59263
0.60775	0.62294	0.63874	0.65581		
3768455.07	0.53663	0.54980	0.56365	0.57790	0.59257
0.60766	0.62300	0.63877	0.65603		
3768435.07	0.53598	0.54928	0.56312	0.57752	0.59215
0.60721	0.62269	0.63882	0.65584		
3768415.07	0.53598	0.54928	0.56311	0.57732	0.59212
0.60715	0.62281	0.63870	0.65547		
3768395.07	0.53588	0.54899	0.56262	0.57699	0.59176
0.60694	0.62236	0.63842	0.65515		
3768375.07	0.53531	0.54839	0.56199	0.57614	0.59086
0.60620	0.62177	0.63776	0.65466		
3768355.07	0.53516	0.54822	0.56179	0.57610	0.59041
0.60571	0.62123	0.63718	0.65402		
3768335.07	0.53507	0.54811	0.56148	0.57576	0.59004
0.60509	0.62056	0.63644	0.65346		
3768315.07	0.53472	0.54773	0.56088	0.57512	0.58935
0.60435	0.61976	0.63580	0.65252		

3768295.07		0.53411	0.54707	0.56036	0.57437	0.58854
0.60349		0.61905	0.63481	0.65169		
3768275.07		0.53358	0.54632	0.55956	0.57352	0.58763
0.60251		0.61801	0.63391	0.65072		
3768255.07		0.53314	0.54585	0.55905	0.57276	0.58682
0.60164		0.61707	0.63267	0.64939		
3768235.07		0.53227	0.54492	0.55806	0.57191	0.58590
0.60066		0.61602	0.63154	0.64793		
3768215.07		0.53131	0.54391	0.55718	0.57097	0.58510
0.59979		0.61486	0.63029	0.64659		
3768195.07		0.53046	0.54319	0.55640	0.56994	0.58420
0.59883		0.61359	0.62917	0.64513		
3768175.07		0.52898	0.54163	0.55457	0.56820	0.58238
0.59689		0.61176	0.62722	0.64330		
3768155.07		0.52722	0.53959	0.55263	0.56596	0.58023
0.59462		0.60959	0.62515	0.64134		
3768135.07		0.52576	0.53805	0.55100	0.56465	0.57926
0.59380		0.60869	0.62393	0.64001		
3768115.07		0.52479	0.53682	0.54948	0.56325	0.57756
0.59199		0.60676	0.62187	0.63782		
3768095.07		0.52394	0.53570	0.54809	0.56177	0.57576
0.58986		0.60426	0.61921	0.63474		
3768075.07		0.52282	0.53431	0.54640	0.55998	0.57387
0.58806		0.60211	0.61667	0.63204		
3768055.07		0.52125	0.53265	0.54484	0.55811	0.57187
0.58594		0.60008	0.61426	0.62946		
3768035.07		0.51922	0.53070	0.54299	0.55614	0.56978
0.58371		0.59770	0.61197	0.62726		
3768015.07		0.51749	0.52927	0.54145	0.55429	0.56759
0.58138		0.59545	0.60980	0.62492		
3767995.07		0.51588	0.52755	0.53983	0.55276	0.56573
0.57916		0.59331	0.60775	0.62271		
3767975.07		0.51419	0.52595	0.53832	0.55114	0.56399
0.57729		0.59129	0.60581	0.62061		
3767955.07		0.51184	0.52347	0.53570	0.54795	0.56040
0.57373		0.58753	0.60183	0.61664		
3767935.07		0.50960	0.52110	0.53299	0.54487	0.55736
0.57028		0.58388	0.59796	0.61253		
3767915.07		0.50747	0.51884	0.53060	0.54254	0.55466
0.56741		0.58082	0.59469	0.60905		
3767895.07		0.50545	0.51670	0.52832	0.53990	0.55207
0.56465		0.57788	0.59131	0.60543		
3767875.07		0.50335	0.51447	0.52595	0.53738	0.54939
0.56178		0.57482	0.58804	0.60194		
3767855.07		0.50117	0.51215	0.52328	0.53476	0.54659
0.55881		0.57141	0.58465	0.59832		
3767835.07		0.49891	0.50975	0.52072	0.53183	0.54348
0.55573		0.56812	0.58090	0.59433		
3767815.07		0.49656	0.50726	0.51807	0.52901	0.54049
0.55231		0.56450	0.57704	0.59021		

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3767795.07 |      0.49414      0.50468      0.51534      0.52610      0.53740
0.54902     0.56099     0.57331     0.58598
3767775.07 |      0.49163      0.50182      0.51231      0.52289      0.53399
0.54540     0.55715     0.56922     0.58164
^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 103

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

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

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      Y-COORD |      X-COORD (METERS)
      (METERS) |      434322.46      434342.46      434362.46      434382.46      434402.46
434422.46 434442.46 434462.46 434482.46

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3767755.07 |      0.48904      0.49888      0.50919      0.51959      0.53049
0.54169     0.55320     0.56526     0.57742
3767735.07 |      0.48655      0.49624      0.50619      0.51641      0.52690
0.53788     0.54938     0.56120     0.57286
3767715.07 |      0.48398      0.49352      0.50310      0.51334      0.52342
0.53419     0.54568     0.55703     0.56843
3767695.07 |      0.48115      0.49052      0.50013      0.50997      0.51986
0.53062     0.54166     0.55298     0.56413
3767675.07 |      0.47807      0.48726      0.49687      0.50652      0.51621
0.52696     0.53777     0.54884     0.55973
3767655.07 |      0.47491      0.48411      0.49334      0.50299      0.51267
0.52320     0.53378     0.54438     0.55523
3767635.07 |      0.47168      0.48088      0.49012      0.49958      0.50905
0.51915     0.52970     0.54005     0.55041
3767615.07 |      0.46856      0.47758      0.48663      0.49589      0.50535

```



0.51523	0.52532	0.53542	0.54551		
3767595.07	0.46519	0.47403	0.48307	0.49212	0.50137
0.51102	0.52087	0.53071	0.54075		
3767575.07	0.46176	0.47041	0.47926	0.48848	0.49752
0.50694	0.51634	0.52593	0.53570		
3767555.07	0.45844	0.46691	0.47556	0.48458	0.49320
0.50239	0.51155	0.52108	0.53037		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 104

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	434502.46	434522.46	434542.46	434562.46      434582.46
434602.46	434622.46	434642.46	434662.46	

3768555.07	0.67207	0.69090	0.71059	0.73142	0.75280
0.77545	0.79898	0.82418	0.85017		
3768535.07	0.67277	0.69162	0.71112	0.73263	0.75405
0.77650	0.80030	0.82556	0.85185		
3768515.07	0.67343	0.69208	0.71180	0.73335	0.75524
0.77773	0.80131	0.82660	0.85292		
3768495.07	0.67364	0.69250	0.71222	0.73403	0.75594
0.77842	0.80227	0.82731	0.85335		
3768475.07	0.67384	0.69246	0.71216	0.73327	0.75488
0.77728	0.80104	0.82657	0.85283		
3768455.07	0.67383	0.69242	0.71185	0.73268	0.75371
0.77601	0.79998	0.82575	0.85224		

3768435.07		0.67361	0.69216	0.71130	0.73156	0.75221
0.77469		0.79887	0.82490	0.85131		
3768415.07		0.67319	0.69145	0.71077	0.73151	0.75212
0.77485		0.79930	0.82530	0.85168		
3768395.07		0.67259	0.69078	0.71004	0.73099	0.75209
0.77478		0.79889	0.82483	0.85114		
3768375.07		0.67204	0.69018	0.70964	0.73081	0.75186
0.77390		0.79762	0.82284	0.84967		
3768355.07		0.67158	0.68991	0.70906	0.73017	0.75115
0.77341		0.79675	0.82155	0.84860		
3768335.07		0.67121	0.68949	0.70858	0.72963	0.75054
0.77242		0.79566	0.82067	0.84762		
3768315.07		0.67045	0.68866	0.70794	0.72892	0.74975
0.77154		0.79467	0.81925	0.84607		
3768295.07		0.66954	0.68767	0.70687	0.72776	0.74906
0.77077		0.79348	0.81827	0.84462		
3768275.07		0.66825	0.68655	0.70537	0.72616	0.74734
0.76920		0.79210	0.81641	0.84294		
3768255.07		0.66683	0.68475	0.70345	0.72383	0.74456
0.76623		0.78860	0.81268	0.83898		
3768235.07		0.66526	0.68281	0.70137	0.72161	0.74217
0.76336		0.78552	0.80972	0.83581		
3768215.07		0.66356	0.68098	0.69941	0.71980	0.73992
0.76061		0.78256	0.80689	0.83274		
3768195.07		0.66199	0.67929	0.69759	0.71754	0.73779
0.75863		0.78039	0.80418	0.82945		
3768175.07		0.66003	0.67746	0.69561	0.71512	0.73519
0.75583		0.77770	0.80126	0.82592		
3768155.07		0.65820	0.67549	0.69377	0.71254	0.73211
0.75316		0.77514	0.79813	0.82180		
3768135.07		0.65701	0.67445	0.69234	0.71068	0.72978
0.75062		0.77271	0.79580	0.81923		
3768115.07		0.65441	0.67194	0.68992	0.70807	0.72666
0.74758		0.76942	0.79189	0.81500		
3768095.07		0.65140	0.66874	0.68679	0.70501	0.72336
0.74403		0.76526	0.78707	0.80946		
3768075.07		0.64878	0.66620	0.68406	0.70207	0.72019
0.74060		0.76156	0.78306	0.80511		
3768055.07		0.64602	0.66352	0.68117	0.69867	0.71684
0.73699		0.75765	0.77882	0.80052		
3768035.07		0.64365	0.66042	0.67785	0.69510	0.71331
0.73286		0.75320	0.77403	0.79534		
3768015.07		0.64088	0.65744	0.67437	0.69166	0.70990
0.72886		0.74855	0.76901	0.79028		
3767995.07		0.63848	0.65459	0.67101	0.68833	0.70631
0.72497		0.74434	0.76445	0.78498		
3767975.07		0.63620	0.65184	0.66832	0.68541	0.70313
0.72150		0.74025	0.76000	0.78049		
3767955.07		0.63172	0.64735	0.66382	0.68060	0.69798
0.71600		0.73467	0.75401	0.77405		

3767935.07	0.62736	0.64298	0.65915	0.67562	0.69296
0.71062	0.72889	0.74781	0.76704		
3767915.07	0.62364	0.63900	0.65489	0.67105	0.68806
0.70536	0.72325	0.74207	0.76052		
3767895.07	0.62004	0.63514	0.65075	0.66661	0.68329
0.70023	0.71805	0.73613	0.75413		
3767875.07	0.61630	0.63087	0.64619	0.66201	0.67835
0.69493	0.71235	0.73001	0.74721		
3767855.07	0.61217	0.62673	0.64175	0.65697	0.67296
0.68976	0.70678	0.72401	0.74044		
3767835.07	0.60792	0.62218	0.63690	0.65179	0.66771
0.68382	0.70042	0.71752	0.73382		
3767815.07	0.60328	0.61751	0.63191	0.64674	0.66229
0.67773	0.69391	0.71024	0.72670		
3767795.07	0.59903	0.61271	0.62679	0.64127	0.65618
0.67150	0.68725	0.70343	0.71973		
3767775.07	0.59465	0.60804	0.62180	0.63595	0.65049
0.66542	0.68075	0.69648	0.71230		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 105

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	434502.46	434522.46	434542.46	434562.46	434582.46
434602.46	434622.46	434642.46	434662.46		

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3767755.07	0.59016	0.60325	0.61669	0.63050	0.64466
------------	---------	---------	---------	---------	---------

0.65920	0.67411	0.68939	0.70472		
3767735.07	0.58555	0.59859	0.61172	0.62518	0.63872
0.65314	0.66763	0.68246	0.69733		
3767715.07	0.58084	0.59381	0.60662	0.61949	0.63292
0.64667	0.66074	0.67512	0.68952		
3767695.07	0.57625	0.58892	0.60141	0.61368	0.62648
0.63983	0.65375	0.66768	0.68130		
3767675.07	0.57157	0.58369	0.59585	0.60777	0.62020
0.63315	0.64665	0.66014	0.67330		
3767655.07	0.56655	0.57812	0.58994	0.60152	0.61383
0.62613	0.63920	0.65224	0.66493		
3767635.07	0.56144	0.57270	0.58396	0.59518	0.60712
0.61903	0.63167	0.64427	0.65651		
3767615.07	0.55625	0.56720	0.57814	0.58927	0.60085
0.61238	0.62436	0.63653	0.64832		
3767595.07	0.55098	0.56163	0.57224	0.58303	0.59425
0.60566	0.61724	0.62873	0.64009		
3767575.07	0.54564	0.55598	0.56628	0.57698	0.58760
0.59863	0.61008	0.62116	0.63210		
3767555.07	0.54024	0.55006	0.56026	0.57038	0.58065
0.59131	0.60210	0.61303	0.62354		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 106

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      ,      L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		434682.46	434702.46	434722.46	434742.46      434762.46
434782.46		434802.46	434822.46	434842.46	

-----

3768555.07		0.87778	0.90687	0.93723	0.96928	1.00347
1.03965		1.07797	1.11863	1.16223		
3768535.07		0.87953	0.90868	0.93879	0.97020	1.00441
1.04060		1.07894	1.11960	1.16411		
3768515.07		0.88062	0.90948	0.93991	0.97131	1.00479
1.04135		1.07968	1.12033	1.16486		
3768495.07		0.88073	0.90988	0.93993	0.97161	1.00542
1.04156		1.07984	1.12042	1.16446		
3768475.07		0.88045	0.90954	0.93985	0.97182	1.00597
1.04207		1.08031	1.11945	1.16337		
3768455.07		0.87979	0.90845	0.93937	0.97162	1.00569
1.04212		1.07983	1.11883	1.16263		
3768435.07		0.87843	0.90731	0.93775	0.97063	1.00498
1.04172		1.07976	1.11864	1.16232		
3768415.07		0.87876	0.90689	0.93724	0.97003	1.00385
1.04046		1.07833	1.11748	1.16098		
3768395.07		0.87847	0.90651	0.93639	0.96867	1.00276
1.03878		1.07690	1.11681	1.15911		
3768375.07		0.87756	0.90584	0.93561	0.96776	1.00086
1.03756		1.07640	1.11614	1.15775		
3768355.07		0.87672	0.90525	0.93452	0.96612	0.99903
1.03464		1.07322	1.11263	1.15334		
3768335.07		0.87562	0.90365	0.93274	0.96415	0.99641
1.03176		1.06959	1.10864	1.14787		
3768315.07		0.87392	0.90177	0.93106	0.96187	0.99345
1.02851		1.06601	1.10469	1.14401		
3768295.07		0.87197	0.89999	0.92869	0.95926	0.99057
1.02533		1.06250	1.10079	1.13967		
3768275.07		0.86976	0.89758	0.92604	0.95593	0.98691
1.02178		1.05858	1.09695	1.13485		
3768255.07		0.86553	0.89303	0.92152	0.95145	0.98291
1.01740		1.05425	1.09167	1.12901		
3768235.07		0.86173	0.88893	0.91749	0.94748	0.97902
1.01311		1.04952	1.08644	1.12322		
3768215.07		0.85804	0.88494	0.91315	0.94362	0.97433
1.00845		1.04438	1.08076	1.11694		
3768195.07		0.85484	0.88144	0.90974	0.93944	0.96974
1.00294		1.03835	1.07413	1.11017		
3768175.07		0.85101	0.87768	0.90562	0.93493	0.96437
0.99706		1.03142	1.06705	1.10292		
3768155.07		0.84694	0.87325	0.90081	0.92969	0.95864
0.99034		1.02408	1.05902	1.09517		
3768135.07		0.84409	0.86971	0.89651	0.92412	0.95257
0.98416		1.01730	1.05155	1.08747		
3768115.07		0.83914	0.86435	0.89029	0.91781	0.94615
0.97715		1.00963	1.04314	1.07825		
3768095.07		0.83280	0.85715	0.88295	0.90990	0.93894
0.96931		1.00107	1.03431	1.06804		

3768075.07		0.82733	0.85162	0.87696	0.90381	0.93183
0.96202		0.99309	1.02555	1.05791		
3768055.07		0.82198	0.84583	0.87107	0.89740	0.92484
0.95391		0.98472	1.01589	1.04735		
3768035.07		0.81713	0.84054	0.86530	0.89109	0.91708
0.94592		0.97550	1.00584	1.03535		
3768015.07		0.81165	0.83498	0.85924	0.88407	0.90943
0.93713		0.96640	0.99541	1.02349		
3767995.07		0.80665	0.82952	0.85289	0.87674	0.90104
0.92801		0.95649	0.98512	1.01179		
3767975.07		0.80139	0.82342	0.84626	0.86953	0.89279
0.91904		0.94626	0.97401	1.00025		
3767955.07		0.79481	0.81594	0.83820	0.86124	0.88382
0.90932		0.93618	0.96305	0.98838		
3767935.07		0.78764	0.80860	0.82989	0.85229	0.87501
0.89934		0.92536	0.95134	0.97622		
3767915.07		0.78062	0.80103	0.82212	0.84389	0.86553
0.88909		0.91385	0.93892	0.96378		
3767895.07		0.77374	0.79361	0.81412	0.83526	0.85622
0.87946		0.90341	0.92807	0.95251		
3767875.07		0.76630	0.78562	0.80553	0.82640	0.84669
0.86959		0.89317	0.91697	0.94051		
3767855.07		0.75902	0.77779	0.79711	0.81696	0.83656
0.85909		0.88185	0.90478	0.92694		
3767835.07		0.75155	0.76978	0.78886	0.80771	0.82663
0.84801		0.86994	0.89199	0.91323		
3767815.07		0.74425	0.76194	0.78007	0.79866	0.81654
0.83717		0.85789	0.87907	0.89940		
3767795.07		0.73678	0.75392	0.77148	0.78908	0.80630
0.82580		0.84611	0.86604	0.88592		
3767775.07		0.72882	0.74575	0.76238	0.77936	0.79593
0.81431		0.83344	0.85253	0.87152		

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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 107

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	434682.46	434702.46	434722.46	434742.46	434762.46
434782.46	434802.46	434822.46	434842.46		

3767755.07	0.72073	0.73678	0.75316	0.76952	0.78508
0.80274	0.82071	0.83898	0.85710		
3767735.07	0.71284	0.72835	0.74416	0.75992	0.77487
0.79147	0.80871	0.82580	0.84309		
3767715.07	0.70451	0.71980	0.73472	0.74989	0.76422
0.78014	0.79666	0.81338	0.82950		
3767695.07	0.69608	0.71052	0.72520	0.73978	0.75351
0.76877	0.78458	0.80057	0.81593		
3767675.07	0.68758	0.70149	0.71530	0.72962	0.74276
0.75773	0.77286	0.78814	0.80278		
3767655.07	0.67871	0.69210	0.70567	0.71909	0.73198
0.74632	0.76114	0.77537	0.78930		
3767635.07	0.67008	0.68266	0.69570	0.70856	0.72120
0.73459	0.74875	0.76231	0.77554		
3767615.07	0.66140	0.67350	0.68571	0.69834	0.71011
0.72322	0.73642	0.74932	0.76189		
3767595.07	0.65241	0.66432	0.67603	0.68813	0.69936
0.71158	0.72416	0.73644	0.74836		
3767575.07	0.64369	0.65512	0.66635	0.67764	0.68835
0.70032	0.71200	0.72367	0.73498		
3767555.07	0.63469	0.64565	0.65640	0.66719	0.67770
0.68882	0.69994	0.71071	0.72142		

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 108

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018

, L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	434862.46	434882.46	434902.46	434922.46 434942.46
434962.46	434982.46	435002.46	435022.46	

3768555.07	1.20863	1.25760	1.30985	1.36568	1.42599
1.49010	1.55896	1.63308	1.71373		
3768535.07	1.21011	1.25911	1.31086	1.36611	1.42639
1.49103	1.56049	1.63456	1.71443		
3768515.07	1.21130	1.25979	1.31093	1.36605	1.42622
1.49139	1.56073	1.63536	1.71507		
3768495.07	1.21179	1.26071	1.31121	1.36560	1.42625
1.49195	1.56115	1.63559	1.71506		
3768475.07	1.21110	1.26091	1.31183	1.36549	1.42662
1.49216	1.56185	1.63534	1.71449		
3768455.07	1.21024	1.25989	1.31114	1.36457	1.42547
1.49074	1.55939	1.63317	1.71181		
3768435.07	1.20876	1.25764	1.30916	1.36287	1.42347
1.48700	1.55439	1.62752	1.70536		
3768415.07	1.20667	1.25472	1.30588	1.36041	1.41996
1.48300	1.54980	1.62224	1.70012		
3768395.07	1.20401	1.25228	1.30308	1.35784	1.41696
1.47879	1.54494	1.61664	1.69364		
3768375.07	1.20293	1.25037	1.30142	1.35643	1.41383
1.47510	1.53987	1.61075	1.68679		
3768355.07	1.19809	1.24561	1.29613	1.34992	1.40657
1.46700	1.53154	1.60136	1.67617		
3768335.07	1.19267	1.23964	1.28893	1.34198	1.39778
1.45797	1.52221	1.59003	1.66342		
3768315.07	1.18724	1.23365	1.28228	1.33460	1.39094
1.44950	1.51267	1.57925	1.65032		
3768295.07	1.18240	1.22825	1.27624	1.32848	1.38332
1.44091	1.50217	1.56824	1.63691		
3768275.07	1.17761	1.22287	1.27082	1.32166	1.37492
1.43145	1.49150	1.55532	1.62321		
3768255.07	1.17228	1.21689	1.26349	1.31346	1.36504
1.42039	1.47830	1.54053	1.60658		
3768235.07	1.16529	1.20974	1.25552	1.30391	1.35507
1.40848	1.46495	1.52554	1.58971		



3768215.07		1.15833	1.20142	1.24629	1.29365	1.34364
1.39572		1.45147	1.51039	1.57265		
3768195.07		1.15083	1.19310	1.23704	1.28334	1.33215
1.38288		1.43631	1.49344	1.55366		
3768175.07		1.14224	1.18361	1.22654	1.27170	1.31922
1.36850		1.42107	1.47557	1.53369		
3768155.07		1.13312	1.17355	1.21543	1.25875	1.30490
1.35336		1.40424	1.45764	1.51280		
3768135.07		1.12460	1.16352	1.20493	1.24710	1.29126
1.33820		1.38738	1.43887	1.49359		
3768115.07		1.11446	1.15294	1.19263	1.23417	1.27695
1.32164		1.36979	1.41934	1.47105		
3768095.07		1.10383	1.14125	1.17978	1.22001	1.26134
1.30373		1.34930	1.39678	1.44700		
3768075.07		1.09273	1.12850	1.16639	1.20530	1.24517
1.28524		1.32824	1.37441	1.42237		
3768055.07		1.08063	1.11584	1.15251	1.19007	1.22846
1.26623		1.30739	1.35153	1.39803		
3768035.07		1.06811	1.10274	1.13817	1.17437	1.21127
1.24675		1.28609	1.32895	1.37325		
3768015.07		1.05573	1.08922	1.12340	1.15884	1.19364
1.22821		1.26510	1.30671	1.34963		
3767995.07		1.04298	1.07531	1.10881	1.14230	1.17626
1.20927		1.24514	1.28412	1.32493		
3767975.07		1.03040	1.06160	1.09330	1.12543	1.15852
1.19000		1.22484	1.26195	1.30000		
3767955.07		1.01800	1.04756	1.07747	1.10825	1.13988
1.17045		1.20361	1.23887	1.27421		
3767935.07		1.00479	1.03321	1.06138	1.09082	1.12101
1.15068		1.18219	1.21499	1.24838		
3767915.07		0.99032	1.01759	1.04452	1.07263	1.10196
1.13013		1.16002	1.19106	1.22191		
3767895.07		0.97759	1.00329	1.02907	1.05593	1.08391
1.11126		1.13963	1.16841	1.19751		
3767875.07		0.96461	0.98877	1.01394	1.03960	1.06627
1.09282		1.11916	1.14638	1.17383		
3767855.07		0.95003	0.97312	0.99663	1.02052	1.04529
1.07095		1.09636	1.12199	1.14839		
3767835.07		0.93533	0.95737	0.97926	1.00195	1.02543
1.04972		1.07425	1.09897	1.12319		
3767815.07		0.92053	0.94108	0.96236	0.98390	1.00615
1.02914		1.05229	1.07556	1.09888		
3767795.07		0.90567	0.92614	0.94641	0.96735	0.98847
1.00972		1.03106	1.05296	1.07429		
3767775.07		0.89078	0.91027	0.92951	0.94937	0.96935
0.98941		1.00950	1.03009	1.05006		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*

\*\*\*                      10:46:33

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
434962.46	434862.46	434882.46	434902.46	434922.46 434942.46

3767755.07	0.87502	0.89354	0.91222	0.93102	0.94989
0.96880	0.98768	1.00648	1.02514		
3767735.07	0.86057	0.87776	0.89503	0.91281	0.93016
0.94843	0.96617	0.98378	1.00122		
3767715.07	0.84573	0.86205	0.87841	0.89478	0.91159
0.92833	0.94498	0.96148	0.97828		
3767695.07	0.83137	0.84644	0.86193	0.87739	0.89323
0.90900	0.92463	0.94008	0.95628		
3767675.07	0.81746	0.83176	0.84601	0.86062	0.87556
0.89040	0.90508	0.92002	0.93472		
3767655.07	0.80324	0.81678	0.83025	0.84404	0.85813
0.87208	0.88586	0.89986	0.91408		
3767635.07	0.78839	0.80156	0.81428	0.82727	0.84053
0.85449	0.86742	0.88010	0.89340		
3767615.07	0.77442	0.78689	0.79928	0.81153	0.82363
0.83677	0.84889	0.86075	0.87319		
3767595.07	0.76059	0.77276	0.78446	0.79602	0.80740
0.81937	0.83032	0.84181	0.85344		
3767575.07	0.74657	0.75808	0.76911	0.77998	0.79105
0.80191	0.81254	0.82288	0.83292		
3767555.07	0.73238	0.74360	0.75400	0.76459	0.77500
0.78519	0.79513	0.80440	0.81374		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission

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 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 110

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
435142.46	435042.46	435062.46	435082.46	435102.46 435122.46

3768555.07	1.80019	1.89467	1.99646	2.10729	2.22830
2.36193	2.50759	2.66813	2.84570		
3768535.07	1.80154	1.89507	1.99660	2.10710	2.22769
2.35966	2.50453	2.66406	2.84035		
3768515.07	1.80116	1.89526	1.99548	2.10548	2.22543
2.35661	2.50047	2.65724	2.83178		
3768495.07	1.80085	1.89367	1.99432	2.10372	2.22293
2.35318	2.49449	2.65115	2.82213		
3768475.07	1.79988	1.89313	1.99325	2.10199	2.22037
2.34831	2.48818	2.64150	2.81003		
3768455.07	1.79746	1.88914	1.98938	2.09714	2.21316
2.34078	2.47883	2.62834	2.79389		
3768435.07	1.79012	1.88070	1.97968	2.08591	2.20125
2.32546	2.46223	2.61015	2.77202		
3768415.07	1.78309	1.87253	1.97018	2.07480	2.18700
2.31009	2.44405	2.58853	2.74445		
3768395.07	1.77557	1.86378	1.95891	2.06170	2.17292
2.29214	2.42293	2.56357	2.71303		
3768375.07	1.76849	1.85543	1.94905	2.05002	2.15784
2.27435	2.40185	2.53852	2.68324		

3768355.07		1.75550	1.84067	1.93327	2.03073	2.13688
2.25006		2.37214	2.50555	2.64636		
3768335.07		1.74015	1.82432	1.91360	2.00947	2.11124
2.22061		2.33970	2.46796	2.60438		
3768315.07		1.72625	1.80847	1.89546	1.98864	2.08727
2.19429		2.30765	2.43232	2.56106		
3768295.07		1.71103	1.79114	1.87568	1.96600	2.06129
2.16440		2.27462	2.39244	2.51660		
3768275.07		1.69545	1.77238	1.85539	1.94162	2.03464
2.13242		2.23932	2.35168	2.47118		
3768255.07		1.67671	1.75121	1.83035	1.91443	2.00372
2.09852		2.20051	2.30872	2.42178		
3768235.07		1.65770	1.72973	1.80496	1.88569	1.97116
2.06286		2.16125	2.26381	2.37197		
3768215.07		1.63751	1.70698	1.77929	1.85555	1.93711
2.02564		2.11897	2.21722	2.32044		
3768195.07		1.61621	1.68305	1.75343	1.82637	1.90414
1.98829		2.07532	2.16786	2.26460		
3768175.07		1.59479	1.65899	1.72639	1.79707	1.86993
1.94848		2.03055	2.11745	2.20787		
3768155.07		1.57149	1.63296	1.69729	1.76451	1.83466
1.90891		1.98489	2.06496	2.14778		
3768135.07		1.54908	1.60791	1.66927	1.73317	1.79960
1.86851		1.93980	2.01464	2.09167		
3768115.07		1.52495	1.58016	1.63846	1.69896	1.76162
1.82635		1.89303	1.96275	2.03417		
3768095.07		1.49840	1.55174	1.60607	1.66317	1.72208
1.78270		1.84487	1.90964	1.97439		
3768075.07		1.47212	1.52276	1.57413	1.62698	1.68123
1.73891		1.79789	1.85800	1.91775		
3768055.07		1.44534	1.49333	1.54180	1.59054	1.64028
1.69514		1.75108	1.80676	1.86179		
3768035.07		1.41897	1.46355	1.50921	1.55397	1.59941
1.65157		1.70460	1.75719	1.80785		
3768015.07		1.39147	1.43436	1.47646	1.51834	1.56067
1.60932		1.65859	1.70721	1.75261		
3767995.07		1.36453	1.40418	1.44367	1.48278	1.52215
1.56747		1.61318	1.65806	1.69966		
3767975.07		1.33667	1.37474	1.41177	1.44826	1.48396
1.52612		1.56849	1.60888	1.64585		
3767955.07		1.30949	1.34455	1.37917	1.41314	1.44708
1.48628		1.52460	1.56081	1.59450		
3767935.07		1.28160	1.31447	1.34680	1.37838	1.40980
1.44620		1.48161	1.51392	1.54459		
3767915.07		1.25242	1.28388	1.31400	1.34406	1.37312
1.40772		1.43957	1.46916	1.49708		
3767895.07		1.22620	1.25500	1.28308	1.31102	1.33788
1.36919		1.39853	1.42561	1.45189		
3767875.07		1.20079	1.22777	1.25398	1.27996	1.30406
1.33153		1.35854	1.38412	1.40721		

3767855.07	1.17363	1.19882	1.22386	1.24795	1.27015
1.29628	1.32117	1.34382	1.36480		
3767835.07	1.14743	1.17030	1.19358	1.21586	1.23769
1.26186	1.28403	1.30396	1.32298		
3767815.07	1.12096	1.14287	1.16386	1.18513	1.20525
1.22829	1.24794	1.26536	1.28259		
3767795.07	1.09549	1.11590	1.13600	1.15570	1.17426
1.19490	1.21290	1.22872	1.24361		
3767775.07	1.06986	1.08885	1.10809	1.12631	1.14339
1.16180	1.17826	1.19258	1.20600		

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                                          \*\*\*                      10:46:33

PAGE 111

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub>      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)					
	435042.46	435062.46	435082.46	435102.46	435122.46	
435142.46	435162.46	435182.46	435202.46			

3767755.07	1.04360	1.06178	1.07904	1.09644	1.11273
1.12904	1.14406	1.15767	1.17043		
3767735.07	1.01843	1.03532	1.05185	1.06736	1.08292
1.09790	1.11161	1.12395	1.13547		
3767715.07	0.99431	1.01002	1.02479	1.03964	1.05397
1.06772	1.08023	1.09141	1.10117		
3767695.07	0.97123	0.98584	0.99950	1.01268	1.02588
1.03849	1.04990	1.05942	1.06876		
3767675.07	0.94914	0.96172	0.97435	0.98649	0.99862

1.00964	1.02002	1.02973	1.03872		
3767655.07	0.92753	0.93869	0.94987	0.96155	0.97220
0.98227	0.99173	1.00107	1.00974		
3767635.07	0.90594	0.91625	0.92655	0.93733	0.94760
0.95681	0.96543	0.97394	0.98234		
3767615.07	0.88488	0.89438	0.90433	0.91428	0.92373
0.93167	0.94000	0.94775	0.95591		
3767595.07	0.86389	0.87308	0.88226	0.89143	0.90011
0.90733	0.91542	0.92247	0.92992		
3767575.07	0.84303	0.85192	0.86038	0.86882	0.87723
0.88380	0.89074	0.89760	0.90440		
3767555.07	0.82273	0.83135	0.83913	0.84733	0.85464
0.86103	0.86736	0.87362	0.87937		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*        09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                  \*\*\*        10:46:33

PAGE 112

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL    INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435222.46	435242.46	435262.46	435282.46    435302.46
435322.46		435342.46	435362.46	435382.46	

3768555.07		3.04286	3.26267	3.50882	3.78799	4.10149
4.46082		4.86913	5.33938	5.88052		
3768535.07		3.03760	3.25549	3.49912	3.77513	4.08688
4.43787		4.83482	5.29365	5.81406		
3768515.07		3.02691	3.24200	3.48427	3.75843	4.06480
4.40547		4.79211	5.22892	5.73362		

3768495.07		3.01475	3.22658	3.46472	3.73605	4.03572
4.36750		4.73874	5.15914	5.64665		
3768475.07		2.99773	3.20758	3.44079	3.70580	3.99725
4.31518		4.67190	5.07323	5.53547		
3768455.07		2.97787	3.18097	3.40808	3.66539	3.94418
4.24894		4.58508	4.96824	5.40210		
3768435.07		2.94955	3.14683	3.36673	3.61253	3.87957
4.16615		4.48287	4.83302	5.23942		
3768415.07		2.91470	3.10309	3.31692	3.55510	3.81247
4.08380		4.37777	4.70349	5.08353		
3768395.07		2.87341	3.05645	3.26373	3.49368	3.73794
3.99633		4.26739	4.57273	4.92662		
3768375.07		2.83593	3.00950	3.20759	3.42624	3.65948
3.90151		4.15293	4.43400	4.76158		
3768355.07		2.79053	2.95815	3.14656	3.35342	3.56975
3.79452		4.02884	4.28554	4.58290		
3768335.07		2.74346	2.90279	3.08343	3.27347	3.47259
3.68282		3.90022	4.13330	4.39791		
3768315.07		2.69304	2.84383	3.00970	3.18486	3.36912
3.56192		3.76544	3.97563	4.21296		
3768295.07		2.64338	2.78378	2.93732	3.09811	3.26820
3.44741		3.63227	3.82775	4.03688		
3768275.07		2.58909	2.72096	2.86446	3.01366	3.17037
3.33419		3.50446	3.68022	3.86015		
3768255.07		2.53426	2.65968	2.79555	2.93607	3.08052
3.23284		3.38748	3.54569	3.70611		
3768235.07		2.47740	2.59451	2.72073	2.85445	2.98695
3.12336		3.26530	3.40951	3.55192		
3768215.07		2.41891	2.52789	2.64477	2.76591	2.88667
3.01225		3.13984	3.26838	3.39661		
3768195.07		2.35919	2.46029	2.56819	2.67744	2.78915
2.90264		3.01484	3.12903	3.23954		
3768175.07		2.29709	2.39052	2.48978	2.58956	2.68902
2.79113		2.89120	2.99236	3.08928		
3768155.07		2.23164	2.31916	2.40853	2.49928	2.58903
2.68064		2.76962	2.85901	2.94380		
3768135.07		2.16921	2.24975	2.33151	2.41238	2.49502
2.57722		2.65638	2.73543	2.80968		
3768115.07		2.10565	2.17953	2.25260	2.32736	2.40183
2.47541		2.54745	2.61541	2.68224		
3768095.07		2.04000	2.10755	2.17535	2.24297	2.30831
2.37396		2.43781	2.49748	2.55588		
3768075.07		1.97798	2.03837	2.09997	2.15957	2.21961
2.27818		2.33313	2.38548	2.43648		
3768055.07		1.91700	1.97206	2.02799	2.08172	2.13415
2.18636		2.23493	2.28088	2.32379		
3768035.07		1.85843	1.90986	1.95937	2.00646	2.05479
2.10138		2.14288	2.18170	2.21750		
3768015.07		1.79995	1.84678	1.89156	1.93385	1.97583
2.01730		2.05523	2.08775	2.11880		

3767995.07		1.74180	1.78436	1.82479	1.86391	1.90143
1.93836		1.97052	2.00018	2.02572		
3767975.07		1.68528	1.72393	1.76039	1.79549	1.82896
1.86180		1.89006	1.91595	1.93795		
3767955.07		1.62941	1.66550	1.69946	1.73095	1.76082
1.79005		1.81489	1.83749	1.85645		
3767935.07		1.57533	1.60911	1.64079	1.67011	1.69568
1.72168		1.74351	1.76322	1.78073		
3767915.07		1.52593	1.55571	1.58437	1.61071	1.63344
1.65657		1.67682	1.69402	1.70919		
3767895.07		1.47721	1.50519	1.53017	1.55382	1.57401
1.59458		1.61242	1.62845	1.64264		
3767875.07		1.43104	1.45560	1.47813	1.49843	1.51728
1.53557		1.55226	1.56631	1.57866		
3767855.07		1.38561	1.40704	1.42733	1.44637	1.46315
1.47941		1.49417	1.50741	1.51910		
3767835.07		1.34180	1.36120	1.37949	1.39657	1.41238
1.42772		1.44080	1.45246	1.46271		
3767815.07		1.30038	1.31795	1.33524	1.35140	1.36555
1.37926		1.39086	1.40114	1.41012		
3767795.07		1.26047	1.27712	1.29276	1.30655	1.31998
1.33223		1.34250	1.35156	1.35943		
3767775.07		1.22131	1.23641	1.25127	1.26439	1.27644
1.28664		1.29572	1.30370	1.31058		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 113

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD |

X-COORD (METERS)



(METERS) | 435222.46 435242.46 435262.46 435282.46 435302.46  
 435322.46 435342.46 435362.46 435382.46

-----  
 3767755.07 | 1.18296 1.19664 1.21010 1.22260 1.23412  
 1.24319 1.25123 1.25825 1.26427  
 3767735.07 | 1.14742 1.16050 1.17271 1.18402 1.19371  
 1.20178 1.20958 1.21576 1.22103  
 3767715.07 | 1.11323 1.12513 1.13620 1.14707 1.15577  
 1.16294 1.16924 1.17468 1.17928  
 3767695.07 | 1.08034 1.09117 1.10183 1.11107 1.11888  
 1.12526 1.13020 1.13434 1.13774  
 3767675.07 | 1.04871 1.05914 1.06826 1.07663 1.08364  
 1.08871 1.09302 1.09662 1.09953  
 3767655.07 | 1.01884 1.02837 1.03665 1.04366 1.04939  
 1.05442 1.05761 1.06073 1.06380  
 3767635.07 | 0.99063 0.99881 1.00578 1.01210 1.01721  
 1.02113 1.02497 1.02766 1.02923  
 3767615.07 | 0.96295 0.97039 0.97670 0.98188 0.98644  
 0.98988 0.99274 0.99453 0.99634  
 3767595.07 | 0.93630 0.94259 0.94830 0.95293 0.95650  
 0.95951 0.96149 0.96348 0.96450  
 3767575.07 | 0.91065 0.91636 0.92105 0.92472 0.92786  
 0.93050 0.93217 0.93338 0.93417  
 3767555.07 | 0.88551 0.89069 0.89491 0.89770 0.90047  
 0.90277 0.90416 0.90514 0.90574

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 114

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
435502.46	435522.46	435542.46	435562.46		435462.46	435482.46
-----						
3768555.07	6.51721	7.26738	8.15902		9.23722	10.54515
12.13547	14.10065	16.57133	19.68145			
3768535.07	6.42788	7.14577	7.99869		9.01144	10.25320
11.70313	13.45203	15.56516	18.13566			
3768515.07	6.31495	6.99450	7.79384		8.74830	9.90318
11.20127	12.71190	14.47317	16.52466			
3768495.07	6.19886	6.83828	7.58172		8.46579	9.50865
10.66311	11.95989	13.40679	15.00338			
3768475.07	6.05952	6.65448	7.33747		8.12182	9.03935
10.04660	11.14743	12.33881	13.57564			
3768455.07	5.88900	6.44137	7.05384		7.74519	8.53129
9.39921	10.33366	11.31871	12.26741			
3768435.07	5.68576	6.18621	6.73929		7.34693	8.00883
8.74091	9.53013	10.34189	11.10008			
3768415.07	5.49666	5.94908	6.44179		6.96686	7.53508
8.15195	8.81246	9.45525	10.04277			
3768395.07	5.30244	5.70871	6.14473		6.60821	7.09476
7.61356	8.15002	8.65693	9.10272			
3768375.07	5.10102	5.46325	5.84086		6.24125	6.65436
7.09502	7.52805	7.93342	8.26940			
3768355.07	4.88680	5.20698	5.53572		5.87939	6.23437
6.60206	6.95639	7.27327	7.53161			
3768335.07	4.67237	4.95390	5.23872		5.52720	5.82609
6.13191	6.42123	6.67992	6.87122			
3768315.07	4.45615	4.69804	4.94314		5.19783	5.44929
5.69826	5.94027	6.14722	6.29309			
3768295.07	4.24452	4.45496	4.66983		4.88674	5.09801
5.30471	5.50329	5.66375	5.77995			
3768275.07	4.04255	4.22532	4.40999		4.60283	4.77621
4.94803	5.10203	5.23490	5.31842			
3768255.07	3.86709	4.02666	4.18260		4.34011	4.47781
4.61660	4.74261	4.84939	4.91211			
3768235.07	3.69046	3.82909	3.96308		4.09040	4.20169
4.31693	4.41641	4.49837	4.54901			
3768215.07	3.51767	3.63775	3.74955		3.85413	3.94989
4.03886	4.12016	4.18581	4.22366			
3768195.07	3.34728	3.44820	3.54334		3.62836	3.70786
3.77790	3.84756	3.90010	3.93135			
3768175.07	3.18292	3.26961	3.34784		3.41896	3.48204
3.53931	3.59662	3.64170	3.67117			
3768155.07	3.02501	3.09930	3.16294		3.21702	3.26876
3.32100	3.36824	3.40749	3.43589			

3768135.07		2.88021	2.94177	2.99538	3.03767	3.08282
3.13133		3.17301	3.20515	3.22517		
3768115.07		2.74145	2.79401	2.83911	2.87374	2.91354
2.95671		2.99382	3.01781	3.03578		
3768095.07		2.60689	2.65159	2.68930	2.72162	2.75702
2.79360		2.82483	2.84641	2.85849		
3768075.07		2.48221	2.52023	2.55370	2.58238	2.61217
2.64324		2.66759	2.68530	2.69654		
3768055.07		2.36329	2.39730	2.42542	2.45106	2.47798
2.50258		2.52303	2.53758	2.54640		
3768035.07		2.25484	2.28390	2.30923	2.33071	2.35355
2.37440		2.39161	2.40356	2.40872		
3768015.07		2.15133	2.17767	2.19908	2.21863	2.23803
2.25574		2.27025	2.27847	2.28379		
3767995.07		2.05408	2.07665	2.09619	2.11417	2.13066
2.14573		2.15649	2.16306	2.16712		
3767975.07		1.96404	1.98478	2.00142	2.01671	2.03074
2.04360		2.05116	2.05639	2.05944		
3767955.07		1.87933	1.89724	1.91269	1.92438	1.93765
1.94731		1.95349	1.95761	1.95984		
3767935.07		1.80082	1.81630	1.82832	1.83938	1.85081
1.85773		1.86151	1.86474	1.86754		
3767915.07		1.72571	1.74023	1.75044	1.75984	1.76969
1.77543		1.77832	1.78081	1.78300		
3767895.07		1.65603	1.66867	1.67842	1.68642	1.69384
1.69858		1.70184	1.70372	1.70432		
3767875.07		1.59133	1.60133	1.60969	1.61751	1.62282
1.62672		1.62932	1.63070	1.63095		
3767855.07		1.52926	1.53886	1.54603	1.55180	1.55624
1.55944		1.56149	1.56246	1.56244		
3767835.07		1.47245	1.47992	1.48607	1.49097	1.49376
1.49637		1.49887	1.49950	1.49835		
3767815.07		1.41868	1.42514	1.42955	1.43196	1.43505
1.43803		1.43923	1.43959	1.43746		
3767795.07		1.36613	1.37171	1.37540	1.37808	1.38064
1.38234		1.38404	1.38336	1.38119		
3767775.07		1.31641	1.32122	1.32430	1.32647	1.32859
1.33071		1.33056	1.32975	1.32756		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*  
                                          \*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L000001      , L000002  
 , L000003      , L000004      , L000005      ,

, L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	435402.46	435422.46	435442.46	435462.46 435482.46
435502.46	435522.46	435542.46	435562.46	

3767755.07	1.26933	1.27348	1.27603	1.27852	1.27952
1.28056	1.28024	1.27933	1.27713		
3767735.07	1.22543	1.22900	1.23180	1.23249	1.23250
1.23330	1.23284	1.23185	1.23036		
3767715.07	1.18311	1.18618	1.18856	1.18897	1.18744
1.18804	1.18813	1.18708	1.18559		
3767695.07	1.14105	1.14305	1.14508	1.14524	1.14423
1.14530	1.14592	1.14483	1.14335		
3767675.07	1.10179	1.10345	1.10455	1.10513	1.10463
1.10553	1.10541	1.10490	1.10343		
3767655.07	1.06512	1.06648	1.06734	1.06773	1.06771
1.06846	1.06767	1.06713	1.06568		
3767635.07	1.03027	1.03137	1.03146	1.03170	1.03212
1.03219	1.03193	1.03136	1.02993		
3767615.07	0.99713	0.99747	0.99741	0.99752	0.99782
0.99781	0.99750	0.99691	0.99605		
3767595.07	0.96456	0.96525	0.96506	0.96506	0.96527
0.96519	0.96485	0.96424	0.96390		
3767575.07	0.93456	0.93460	0.93431	0.93421	0.93434
0.93470	0.93433	0.93421	0.93337		
3767555.07	0.90598	0.90542	0.90552	0.90535	0.90588
0.90570	0.90578	0.90516	0.90434		

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 116

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):

L0000001 , L0000002

, L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM10 IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	435582.46	435602.46	435622.46	435642.46 435662.46
435682.46	435702.46	435722.46	435742.46	

3768555.07	23.54349	28.41773	34.36045	41.06402	47.55949
52.58462	55.83679	57.28403	56.66449		
3768535.07	21.14657	24.67693	28.58906	32.58157	36.12915
38.86313	40.60360	41.23380	40.53942		
3768515.07	18.84475	21.37737	23.99486	26.49924	28.61021
30.17202	31.04275	31.27363	30.66127		
3768495.07	16.76207	18.58502	20.37221	22.00071	23.34761
24.26583	24.76278	24.75596	24.29116		
3768475.07	14.90327	16.22164	17.45991	18.54211	19.39847
19.97291	20.19382	20.14325	19.76377		
3768455.07	13.26904	14.22796	15.09595	15.80288	16.37783
16.72171	16.83969	16.72781	16.42178		
3768435.07	11.85816	12.56100	13.17633	13.65649	14.03431
14.25828	14.32025	14.20200	13.95177		
3768415.07	10.62931	11.14707	11.58644	11.91447	12.16410
12.32919	12.34504	12.23101	12.02520		
3768395.07	9.54926	9.93173	10.24666	10.47078	10.66149
10.77658	10.77843	10.67278	10.51233		
3768375.07	8.60086	8.89418	9.12094	9.27393	9.41500
9.48827	9.48433	9.38901	9.24640		
3768355.07	7.78455	7.99538	8.15886	8.28113	8.36124
8.39914	8.37833	8.31073	8.19978		
3768335.07	7.06440	7.22927	7.34752	7.42520	7.46239
7.46850	7.44525	7.38673	7.30951		
3768315.07	6.44122	6.56557	6.65798	6.71091	6.73179
6.72208	6.69737	6.65187	6.58627		
3768295.07	5.89373	5.99375	6.05549	6.09083	6.10069
6.09254	6.06766	6.02696	5.96564		

3768275.07		5.41108	5.48764	5.53723	5.55474	5.56259
5.55120		5.53211	5.49065	5.42847		
3768255.07		4.98409	5.04286	5.07899	5.09776	5.09529
5.08676		5.06356	5.02659	4.97251		
3768235.07		4.60501	4.65020	4.68059	4.69251	4.69099
4.68099		4.65905	4.62208	4.57476		
3768215.07		4.26726	4.30589	4.32838	4.33535	4.33502
4.32065		4.30020	4.26712	4.22549		
3768195.07		3.96877	3.99902	4.01554	4.01893	4.01659
4.00563		3.98344	3.95375	3.91694		
3768175.07		3.70073	3.72445	3.73645	3.74032	3.73655
3.72273		3.70512	3.67557	3.64286		
3768155.07		3.46211	3.47788	3.48643	3.48819	3.48356
3.47292		3.45405	3.42988	3.39819		
3768135.07		3.25135	3.26331	3.26664	3.26430	3.26150
3.25348		3.23368	3.20720	3.18098		
3768115.07		3.05961	3.06630	3.06555	3.06003	3.05893
3.05112		3.03080	3.00466	2.98316		
3768095.07		2.87847	2.88305	2.88117	2.87524	2.87165
2.86033		2.83771	2.81389	2.79485		
3768075.07		2.71143	2.71633	2.71364	2.70750	2.70189
2.68945		2.66858	2.64496	2.62791		
3768055.07		2.56071	2.56422	2.56096	2.55297	2.54749
2.53415		2.51487	2.49493	2.47783		
3768035.07		2.42096	2.42504	2.41975	2.41357	2.40662
2.39417		2.37633	2.35803	2.34247		
3768015.07		2.29427	2.29737	2.29196	2.28435	2.27772
2.26458		2.24956	2.23271	2.21999		
3767995.07		2.17764	2.18137	2.17593	2.16575	2.15802
2.14716		2.13182	2.11768	2.10744		
3767975.07		2.07004	2.07306	2.07026	2.06188	2.05323
2.04045		2.02619	2.01181	2.00248		
3767955.07		1.96802	1.97052	1.96766	1.96088	1.95270
1.94197		1.92869	1.91537	1.90681		
3767935.07		1.87121	1.87215	1.87049	1.86517	1.85862
1.85086		1.83849	1.82726	1.81935		
3767915.07		1.78496	1.78560	1.78277	1.77879	1.77151
1.76533		1.75485	1.74441	1.73713		
3767895.07		1.70480	1.70520	1.70240	1.69754	1.69170
1.68694		1.67714	1.66741	1.65971		
3767875.07		1.63116	1.63037	1.62762	1.62200	1.61747
1.61301		1.60479	1.59572	1.58672		
3767855.07		1.56148	1.56154	1.55885	1.55350	1.54921
1.54501		1.53731	1.52883	1.51957		
3767835.07		1.49728	1.49721	1.49372	1.48862	1.48543
1.48149		1.47427	1.46549	1.45768		
3767815.07		1.43632	1.43532	1.43279	1.42794	1.42494
1.42124		1.41446	1.40622	1.39893		
3767795.07		1.37918	1.37896	1.37651	1.37269	1.36905
1.36480		1.35842	1.35145	1.34462		

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3767775.07 |      1.32632      1.32604      1.32368      1.32003      1.31658
1.31185      1.30657      1.30073      1.29432
^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 117

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

```

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

```

      Y-COORD |      X-COORD (METERS)
      (METERS) |      435582.46      435602.46      435622.46      435642.46      435662.46
435682.46      435702.46      435722.46      435742.46

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-----
3767755.07 |      1.27734      1.27700      1.27472      1.27124      1.26726
1.26279      1.25850      1.25368      1.24831
3767735.07 |      1.22980      1.22876      1.22658      1.22327      1.21951
1.21463      1.21126      1.20739      1.20299
3767715.07 |      1.18434      1.18268      1.18060      1.17810      1.17454
1.16992      1.16677      1.16376      1.15965
3767695.07 |      1.14211      1.14112      1.13912      1.13735      1.13396
1.12958      1.12660      1.12318      1.11874
3767675.07 |      1.10222      1.10065      1.09992      1.09823      1.09559
1.09143      1.08861      1.08482      1.08009
3767655.07 |      1.06449      1.06298      1.06228      1.06123      1.05871
1.05477      1.05210      1.04852      1.04352
3767635.07 |      1.02932      1.02786      1.02665      1.02565      1.02326
1.02003      1.01700      1.01362      1.00940
3767615.07 |      0.99544      0.99456      0.99339      0.99193      0.98967
0.98660      0.98373      0.98054      0.97702
3767595.07 |      0.96280      0.96245      0.96134      0.95995      0.95779

```

0.95488	0.95264	0.94961	0.94674		
3767575.07		0.93230	0.93196	0.93137	0.93004 0.92799
0.92567	0.92309	0.92022	0.91751		
3767555.07		0.90331	0.90298	0.90242	0.90160 0.89965
0.89700	0.89498	0.89226	0.88927		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
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PAGE 118

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435762.46	435782.46	435802.46	435822.46 435842.46
435862.46		435882.46	435902.46	435922.46	

3768555.07		54.36813	50.05708	44.06476	37.66380	31.93390
27.24713		23.50960	20.51587	18.07958		
3768535.07		38.91352	36.14290	32.70623	28.90488	25.31908
22.18143		19.51682	17.28832	15.41853		
3768515.07		29.55709	27.82139	25.58701	23.13601	20.74038
18.54220		16.58156	14.87411	13.40578		
3768495.07		23.44960	22.23014	20.72610	19.03161	17.35881
15.78723		14.31575	12.99590	11.82066		
3768475.07		19.14814	18.26310	17.18889	15.96730	14.79281
13.62915		12.51546	11.47177	10.53056		
3768455.07		15.96519	15.32351	14.51120	13.61636	12.76414
11.89717		11.03615	10.21527	9.44847		
3768435.07		13.58447	13.08875	12.48074	11.79252	11.14815
10.48203		9.81456	9.16289	8.53561		



3768415.07		11.73758	11.34432	10.86675	10.34653	9.83796
9.31679		8.79292	8.26573	7.74596		
3768395.07		10.26146	9.94311	9.56920	9.15161	8.75968
8.34518		7.91851	7.49378	7.06337		
3768375.07		9.05270	8.79859	8.49298	8.16708	7.85413
7.52045		7.17356	6.82085	6.46293		
3768355.07		8.04221	7.84358	7.60289	7.33260	7.08030
6.80948		6.52556	6.23059	5.93158		
3768335.07		7.19999	7.04339	6.84619	6.62996	6.41862
6.19220		5.95458	5.70980	5.45895		
3768315.07		6.48983	6.36558	6.20696	6.02276	5.84386
5.65662		5.45543	5.25090	5.03926		
3768295.07		5.88491	5.78589	5.65736	5.50277	5.35306
5.19256		5.02334	4.84765	4.66782		
3768275.07		5.36494	5.28187	5.17734	5.05377	4.92710
4.79105		4.64714	4.49709	4.34270		
3768255.07		4.91048	4.83676	4.74847	4.64690	4.54284
4.43290		4.30991	4.17887	4.04389		
3768235.07		4.51406	4.44775	4.37256	4.29204	4.20612
4.11220		4.00659	3.89141	3.77267		
3768215.07		4.17251	4.11194	4.04713	3.98076	3.90694
3.82617		3.73279	3.63290	3.52762		
3768195.07		3.86749	3.81747	3.76377	3.70616	3.63985
3.56786		3.48672	3.39769	3.30749		
3768175.07		3.60176	3.55776	3.51071	3.46041	3.40247
3.33567		3.26289	3.18665	3.10921		
3768155.07		3.36408	3.32740	3.28584	3.23750	3.18481
3.12618		3.06217	2.99504	2.92685		
3768135.07		3.15264	3.11998	3.08306	3.04200	2.99352
2.93823		2.87994	2.82057	2.76179		
3768115.07		2.95786	2.93064	2.89952	2.86132	2.81821
2.76584		2.71243	2.65973	2.60916		
3768095.07		2.77438	2.74872	2.71815	2.68292	2.64490
2.60265		2.55798	2.51399	2.46907		
3768075.07		2.60974	2.58693	2.55805	2.52505	2.49123
2.45654		2.41949	2.38158	2.34019		
3768055.07		2.46158	2.44115	2.41365	2.38398	2.35515
2.32553		2.29369	2.25846	2.22258		
3768035.07		2.32935	2.31088	2.28596	2.25910	2.23447
2.20648		2.17786	2.14614	2.11387		
3768015.07		2.20671	2.19137	2.16870	2.14431	2.12207
2.09799		2.07096	2.04231	2.01320		
3767995.07		2.09536	2.08144	2.06200	2.03976	2.01956
1.99771		1.97209	1.94613	1.91979		
3767975.07		1.99273	1.98123	1.96344	1.94310	1.92471
1.90482		1.88247	1.85881	1.83296		
3767955.07		1.89906	1.88853	1.87327	1.85356	1.83676
1.81860		1.79820	1.77660	1.75299		
3767935.07		1.81224	1.80259	1.78955	1.77237	1.75504
1.73842		1.71974	1.69998	1.67917		

3767915.07		1.73063	1.72180	1.70891	1.69401	1.67896
1.66372		1.64657	1.62764	1.60935		
3767895.07		1.65381	1.64485	1.63300	1.61930	1.60635
1.59320		1.57744	1.56004	1.54328		
3767875.07		1.58049	1.57231	1.56058	1.54798	1.53617
1.52578		1.51132	1.49532	1.47998		
3767855.07		1.51471	1.50716	1.49628	1.48381	1.47372
1.46346		1.45014	1.43608	1.42261		
3767835.07		1.45320	1.44622	1.43611	1.42453	1.41521
1.40577		1.39210	1.37980	1.36867		
3767815.07		1.39407	1.38838	1.37899	1.36893	1.36032
1.35028		1.33826	1.32627	1.31551		
3767795.07		1.33939	1.33344	1.32540	1.31672	1.30874
1.29944		1.28826	1.27714	1.26662		
3767775.07		1.28805	1.28186	1.27571	1.26827	1.26022
1.25096		1.24116	1.23082	1.22108		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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                                          \*\*\*                      10:46:33

PAGE 119

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)		X-COORD (METERS)				
		435762.46	435782.46	435802.46	435822.46	435842.46
435862.46		435882.46	435902.46	435922.46		

3767755.07		1.24240	1.23658	1.23018	1.22321	1.21509
1.20645		1.19730	1.18711	1.17701		
3767735.07		1.19745	1.19200	1.18603	1.17894	1.17137

1.16332	1.15425	1.14529	1.13537		
3767715.07	1.15386	1.14879	1.14322	1.13717	1.13010
1.12204	1.11358	1.10523	1.09597		
3767695.07	1.11330	1.10911	1.10390	1.09823	1.09160
1.08354	1.07561	1.06781	1.05915		
3767675.07	1.07496	1.07105	1.06669	1.06138	1.05516
1.04758	1.04014	1.03236	1.02471		
3767655.07	1.03869	1.03554	1.03146	1.02647	1.02015
1.01302	1.00603	0.99918	0.99156		
3767635.07	1.00533	1.00188	0.99757	0.99289	0.98694
0.98023	0.97366	0.96723	0.96007		
3767615.07	0.97365	0.96994	0.96542	0.96058	0.95543
0.94952	0.94333	0.93687	0.93014		
3767595.07	0.94401	0.93960	0.93533	0.93033	0.92548
0.91991	0.91408	0.90798	0.90164		
3767575.07	0.91449	0.91032	0.90587	0.90116	0.89658
0.89174	0.88623	0.88048	0.87450		
3767555.07	0.88642	0.88247	0.87785	0.87339	0.86948
0.86491	0.85971	0.85428	0.84826		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
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PAGE 120

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                          L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                          L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                          L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435942.46	435962.46	435982.46	436002.46    436022.46
436042.46		436062.46	436082.46	436102.46	

-----

3768555.07		16.08355	14.42279	13.02461	11.83465	10.81673
9.93383		9.16206	8.48586	7.88656		
3768535.07		13.84969	12.52262	11.39051	10.41658	9.57176
8.83666		8.19229	7.62347	7.11378		
3768515.07		12.13629	11.04503	10.10580	9.28741	8.56927
7.94301		7.39100	6.90513	6.46579		
3768495.07		10.78333	9.87281	9.07543	8.37736	7.75859
7.21470		6.73278	6.30342	5.91739		
3768475.07		9.67393	8.90968	8.22995	7.62585	7.08835
6.61038		6.18419	5.80253	5.45746		
3768455.07		8.74251	8.09776	7.51497	6.99181	6.52126
6.09861		5.71883	5.37615	5.06600		
3768435.07		7.94491	7.39750	6.89728	6.44347	6.03091
5.65620		5.31631	5.00804	4.72785		
3768415.07		7.25271	6.78563	6.35570	5.96291	5.59934
5.26683		4.96175	4.68387	4.43041		
3768395.07		6.64336	6.24589	5.87806	5.53476	5.21609
4.91955		4.64670	4.39586	4.16527		
3768375.07		6.10863	5.76922	5.44975	5.15261	4.87202
4.60682		4.36218	4.13574	3.92634		
3768355.07		5.63167	5.34122	5.06518	4.80817	4.55945
4.32456		4.10381	3.89937	3.70917		
3768335.07		5.20685	4.95750	4.72058	4.49444	4.27509
4.06455		3.86781	3.68321	3.51154		
3768315.07		4.82446	4.61220	4.40675	4.21080	4.01543
3.82919		3.65126	3.48578	3.32871		
3768295.07		4.48614	4.30048	4.12188	3.95049	3.77763
3.61164		3.45314	3.30247	3.16085		
3768275.07		4.18368	4.02033	3.86259	3.71082	3.55927
3.40981		3.26887	3.13274	3.00414		
3768255.07		3.90642	3.76405	3.62423	3.49106	3.35538
3.22473		3.09694	2.97515	2.85835		
3768235.07		3.65345	3.52899	3.40801	3.28918	3.16870
3.05212		2.93854	2.82736	2.72135		
3768215.07		3.42380	3.31639	3.20993	3.10492	2.99905
2.89469		2.79245	2.69288	2.59536		
3768195.07		3.21659	3.12206	3.02965	2.93651	2.84208
2.74851		2.65639	2.56622	2.47840		
3768175.07		3.02754	2.94564	2.86236	2.77967	2.69535
2.61259		2.52949	2.44777	2.36781		
3768155.07		2.85623	2.78366	2.70963	2.63719	2.56159
2.48712		2.41200	2.33779	2.26488		
3768135.07		2.69916	2.63464	2.56992	2.50630	2.43831
2.37011		2.30211	2.23466	2.16893		
3768115.07		2.55347	2.49728	2.44183	2.38472	2.32246
2.26086		2.19921	2.13785	2.07708		
3768095.07		2.41938	2.36923	2.31977	2.26769	2.20963
2.15224		2.09573	2.04025	1.98593		
3768075.07		2.29692	2.25195	2.20763	2.15983	2.10630
2.05333		2.00208	1.95255	1.90303		

3768055.07		2.18370	2.14327	2.10344	2.06123	2.01261
1.96351		1.91685	1.87250	1.82717		
3768035.07		2.07884	2.04238	2.00650	1.96836	1.92497
1.88019		1.83842	1.79785	1.75625		
3768015.07		1.98154	1.94856	1.91527	1.88161	1.84288
1.80196		1.76380	1.72669	1.68853		
3767995.07		1.89110	1.86119	1.83101	1.79971	1.76591
1.72769		1.69280	1.65887	1.62385		
3767975.07		1.80689	1.77884	1.75064	1.72227	1.69148
1.65786		1.62591	1.59418	1.56205		
3767955.07		1.72920	1.70276	1.67704	1.65044	1.62302
1.59284		1.56351	1.53435	1.50417		
3767935.07		1.65659	1.63236	1.60808	1.58514	1.56062
1.53348		1.50643	1.47949	1.45103		
3767915.07		1.58862	1.56637	1.54408	1.52174	1.49868
1.47436		1.44891	1.42361	1.39792		
3767895.07		1.52492	1.50375	1.48260	1.46211	1.44034
1.41739		1.39396	1.37068	1.34647		
3767875.07		1.46382	1.44428	1.42480	1.40473	1.38411
1.36299		1.34140	1.31998	1.29762		
3767855.07		1.40770	1.38963	1.37100	1.35186	1.33340
1.31329		1.29333	1.27352	1.25281		
3767835.07		1.35489	1.33755	1.31970	1.30255	1.28547
1.26738		1.24887	1.22997	1.21074		
3767815.07		1.30400	1.28788	1.27187	1.25596	1.24014
1.22335		1.20565	1.18812	1.17025		
3767795.07		1.25603	1.24103	1.22614	1.21137	1.19670
1.18111		1.16514	1.14835	1.13126		
3767775.07		1.21023	1.19677	1.18291	1.16917	1.15555
1.14153		1.12619	1.11054	1.09461		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*      10:46:33

PAGE 121

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
	435942.46	435962.46	435982.46		436002.46	436022.46
436042.46	436062.46	436082.46	436102.46			

3767755.07	1.16644	1.15441	1.14199	1.12919	1.11652
1.10301	1.08917	1.07412	1.05925		
3767735.07	1.12555	1.11432	1.10323	1.09129	1.07902
1.06643	1.05307	1.03944	1.02555		
3767715.07	1.08683	1.07683	1.06647	1.05532	1.04340
1.03075	1.01872	1.00598	0.99299		
3767695.07	1.05062	1.04127	1.03114	1.02071	1.00955
0.99813	0.98687	0.97535	0.96318		
3767675.07	1.01626	1.00706	0.99758	0.98781	0.97735
0.96706	0.95652	0.94573	0.93470		
3767655.07	0.98408	0.97501	0.96610	0.95652	0.94711
0.93746	0.92757	0.91745	0.90710		
3767635.07	0.95264	0.94410	0.93574	0.92714	0.91830
0.90884	0.89955	0.89044	0.88072		
3767615.07	0.92273	0.91510	0.90723	0.89913	0.89082
0.88229	0.87318	0.86425	0.85512		
3767595.07	0.89467	0.88785	0.88043	0.87281	0.86497
0.85694	0.84835	0.83993	0.83098		
3767575.07	0.86792	0.86112	0.85450	0.84730	0.84028
0.83270	0.82459	0.81631	0.80752		
3767555.07	0.84241	0.83599	0.82974	0.82295	0.81632
0.80917	0.80185	0.79369	0.78471		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 10:46:33

PAGE 122

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026

, L000027 , L000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	436122.46	436142.46	436162.46	436182.46	436202.46
436222.46	436242.46	436262.46	436282.46		

3768555.07	7.35244	6.87402	6.44162	6.05282	5.70013
5.38044	5.08710	4.81838	4.57154		
3768535.07	6.65698	6.24568	5.87374	5.53472	5.22849
4.94731	4.68952	4.45248	4.23397		
3768515.07	6.06745	5.70887	5.38345	5.08702	4.81606
4.56761	4.33911	4.12910	3.93361		
3768495.07	5.56652	5.24969	4.96233	4.69974	4.45834
4.23648	4.03197	3.84344	3.66786		
3768475.07	5.14431	4.86061	4.60255	4.36667	4.14947
3.94921	3.76431	3.59292	3.43382		
3768455.07	4.78388	4.52734	4.29356	4.07841	3.87941
3.69803	3.52969	3.37359	3.22819		
3768435.07	4.47228	4.23858	4.02477	3.82658	3.64359
3.47718	3.32294	3.18002	3.04690		
3768415.07	4.19842	3.98498	3.78826	3.60478	3.43578
3.28178	3.13964	3.00797	2.88569		
3768395.07	3.95436	3.75886	3.57750	3.40736	3.25087
3.10748	2.97593	2.85402	2.74057		
3768375.07	3.73435	3.55508	3.38772	3.23077	3.08470
2.95160	2.83019	2.71670	2.61042		
3768355.07	3.53424	3.36976	3.21609	3.06974	2.93402
2.81117	2.69731	2.59150	2.49164		
3768335.07	3.35096	3.20087	3.05827	2.92336	2.79721
2.68107	2.57502	2.47558	2.38223		
3768315.07	3.18311	3.04449	2.91370	2.78950	2.67220
2.56391	2.46482	2.37169	2.28408		
3768295.07	3.02694	2.90057	2.77989	2.66558	2.55729
2.45626	2.36280	2.27552	2.19324		
3768275.07	2.88284	2.76597	2.65463	2.54951	2.45033
2.35529	2.26714	2.18536	2.10809		
3768255.07	2.74675	2.64041	2.53769	2.44112	2.35036
2.26237	2.17914	2.10109	2.02850		
3768235.07	2.61954	2.52207	2.42900	2.33957	2.25594
2.17381	2.09590	2.02328	1.95440		
3768215.07	2.50230	2.41281	2.32699	2.24490	2.16650
2.08986	2.01757	1.94883	1.88407		





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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)
436222.46	436122.46 436142.46 436162.46 436182.46 436202.46

3767755.07	1.04413	1.02922	1.01451	0.99961	0.98374
0.96738	0.95137	0.93571	0.92005		
3767735.07	1.01142	0.99749	0.98335	0.96903	0.95376
0.93761	0.92299	0.90830	0.89395		
3767715.07	0.98019	0.96717	0.95353	0.93933	0.92421
0.90900	0.89530	0.88228	0.86881		
3767695.07	0.95078	0.93897	0.92617	0.91243	0.89779
0.88422	0.87132	0.85871	0.84637		
3767675.07	0.92306	0.91161	0.89921	0.88627	0.87283
0.86004	0.84826	0.83637	0.82473		
3767655.07	0.89655	0.88542	0.87337	0.86118	0.84887
0.83753	0.82607	0.81519	0.80420		
3767635.07	0.87043	0.85960	0.84825	0.83712	0.82549
0.81482	0.80436	0.79412	0.78376		
3767615.07	0.84544	0.83488	0.82417	0.81367	0.80304
0.79299	0.78314	0.77350	0.76374		
3767595.07	0.82080	0.81083	0.80037	0.79047	0.78113
0.77166	0.76239	0.75332	0.74412		
3767575.07	0.79755	0.78812	0.77924	0.77022	0.76107
0.75244	0.74336	0.73449	0.72610		
3767555.07	0.77526	0.76701	0.75862	0.75042	0.74239
0.73392	0.72533	0.71692	0.70870		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 10:46:33

PAGE 124

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)
436402.46	436302.46 436322.46 436342.46 436362.46 436382.46
436422.46	436442.46 436462.46

3768555.07	4.34418	4.13426	3.93999	3.75981	3.59236
3.43520	3.28924	3.15231	3.02525		
3768535.07	4.03127	3.84429	3.67137	3.51045	3.35990
3.21781	3.08547	2.96202	2.84622		
3768515.07	3.75249	3.58490	3.42945	3.28487	3.14928
3.02054	2.90015	2.78757	2.68294		
3768495.07	3.50430	3.35351	3.21316	3.08178	2.95849
2.84221	2.73272	2.62999	2.53356		
3768475.07	3.28581	3.14844	3.02023	2.89997	2.78717
2.68121	2.58136	2.48721	2.39859		
3768455.07	3.09301	2.96679	2.84858	2.73762	2.63408
2.53678	2.44497	2.35823	2.27638		
3768435.07	2.92176	2.80522	2.69591	2.59339	2.49705
2.40717	2.32228	2.24199	2.16600		
3768415.07	2.76932	2.66113	2.55942	2.46430	2.37454
2.29066	2.21173	2.13688	2.06605		
3768395.07	2.63282	2.53193	2.43688	2.34801	2.26439
2.18593	2.11184	2.04176	1.97559		
3768375.07	2.50973	2.41583	2.32671	2.24335	2.16442
2.09079	2.02120	1.95562	1.89318		
3768355.07	2.39795	2.30993	2.22665	2.14824	2.07389
2.00453	1.93892	1.87678	1.81786		

3768335.07		2.29512	2.21251	2.13468	2.06080	1.99107
1.92558		1.86357	1.80480	1.74872		
3768315.07		2.20160	2.12385	2.05050	1.98075	1.91439
1.85288		1.79417	1.73847	1.68493		
3768295.07		2.11561	2.04232	1.97257	1.90617	1.84382
1.78517		1.72991	1.67669	1.62614		
3768275.07		2.03447	1.96542	1.90006	1.83722	1.77770
1.72254		1.67009	1.61951	1.57141		
3768255.07		1.95916	1.89403	1.83178	1.77276	1.71631
1.66357		1.61380	1.56569	1.51990		
3768235.07		1.88904	1.82703	1.76767	1.71179	1.65824
1.60861		1.56055	1.51478	1.47152		
3768215.07		1.82195	1.76342	1.70777	1.65435	1.60398
1.55643		1.51071	1.46713	1.42591		
3768195.07		1.75964	1.70333	1.65069	1.60006	1.55227
1.50711		1.46400	1.42246	1.38279		
3768175.07		1.70013	1.64691	1.59662	1.54862	1.50326
1.46078		1.41974	1.38012	1.34225		
3768155.07		1.64265	1.59288	1.54479	1.49977	1.45672
1.41595		1.37693	1.33955	1.30375		
3768135.07		1.58796	1.54097	1.49595	1.45329	1.41242
1.37368		1.33692	1.30091	1.26675		
3768115.07		1.53531	1.49098	1.44890	1.40897	1.37017
1.33377		1.29839	1.26441	1.23144		
3768095.07		1.48559	1.44426	1.40496	1.36666	1.33026
1.29565		1.26195	1.22918	1.19769		
3768075.07		1.43810	1.39963	1.36248	1.32664	1.29209
1.25918		1.22708	1.19581	1.16538		
3768055.07		1.39425	1.35791	1.32229	1.28789	1.25511
1.22385		1.19330	1.16348	1.13440		
3768035.07		1.35178	1.31748	1.28378	1.25117	1.22006
1.19035		1.16088	1.13244	1.10466		
3768015.07		1.31110	1.27873	1.24685	1.21552	1.18600
1.15779		1.12973	1.10261	1.07607		
3767995.07		1.27210	1.24156	1.21140	1.18127	1.15328
1.12612		1.09978	1.07392	1.04889		
3767975.07		1.23423	1.20543	1.17650	1.14836	1.12181
1.09601		1.07095	1.04663	1.02272		
3767955.07		1.19833	1.17073	1.14336	1.11709	1.09152
1.06701		1.04351	1.01999	0.99748		
3767935.07		1.16429	1.13821	1.11230	1.08661	1.06234
1.03942		1.01672	0.99463	0.97282		
3767915.07		1.13074	1.10653	1.08200	1.05764	1.03460
1.01247		0.99121	0.96983	0.94932		
3767895.07		1.09890	1.07605	1.05245	1.02935	1.00749
0.98647		0.96626	0.94619	0.92631		
3767875.07		1.06747	1.04632	1.02398	1.00207	0.98134
0.96137		0.94216	0.92304	0.90436		
3767855.07		1.03764	1.01771	0.99655	0.97577	0.95610
0.93714		0.91855	0.90066	0.88284		

3767835.07		1.00894	0.99015	0.97048	0.95076	0.93173
0.91373		0.89604	0.87870	0.86172		
3767815.07		0.98093	0.96359	0.94497	0.92627	0.90854
0.89174		0.87490	0.85835	0.84213		
3767795.07		0.95472	0.93800	0.92037	0.90263	0.88613
0.87017		0.85413	0.83865	0.82342		
3767775.07		0.92982	0.91402	0.89698	0.88013	0.86415
0.84930		0.83433	0.81956	0.80501		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
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PAGE 125

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                    \*\*\*  
                                          INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                          L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                          L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                          L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub>    IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		436302.46	436322.46	436342.46	436362.46    436382.46
436402.46		436422.46	436442.46	436462.46	

3767755.07		0.90442	0.88920	0.87341	0.85808	0.84291
0.82852		0.81430	0.79997	0.78613		
3767735.07		0.87960	0.86526	0.85098	0.83646	0.82237
0.80871		0.79490	0.78154	0.76808		
3767715.07		0.85532	0.84249	0.82932	0.81587	0.80251
0.78954		0.77640	0.76340	0.75057		
3767695.07		0.83362	0.82118	0.80872	0.79628	0.78359
0.77098		0.75847	0.74609	0.73385		
3767675.07		0.81268	0.80124	0.78913	0.77704	0.76499
0.75328		0.74137	0.72956	0.71788		
3767655.07		0.79312	0.78167	0.77020	0.75872	0.74728

0.73614	0.72480	0.71354	0.70237		
3767635.07	0.77330	0.76247	0.75160	0.74072	0.72985
0.71875	0.70847	0.69774	0.68709		
3767615.07	0.75387	0.74392	0.73362	0.72330	0.71298
0.70189	0.69240	0.68242	0.67202		
3767595.07	0.73511	0.72571	0.71624	0.70645	0.69664
0.68658	0.67656	0.66683	0.65715		
3767575.07	0.71758	0.70868	0.69943	0.68987	0.68056
0.67074	0.66145	0.65194	0.64271		
3767555.07	0.70037	0.69194	0.68317	0.67409	0.66473
0.65564	0.64679	0.63772	0.62892		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
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PAGE 126

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*

INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		436482.46	436502.46	436522.46	436542.46    436562.46
436582.46		436602.46	436622.46	436642.46	

-----

3768555.07		2.90563	2.79333	2.68776	2.58838	2.49511
2.40628		2.32273	2.24368	2.16883		
3768535.07		2.73787	2.63552	2.53949	2.44852	2.36262
2.28140		2.20452	2.13167	2.06256		
3768515.07		2.58368	2.49047	2.40249	2.31934	2.24039
2.16562		2.09499	2.02771	1.96354		
3768495.07		2.44296	2.35711	2.27597	2.19972	2.12720
2.05818		1.99287	1.93059	1.87135		

3768475.07		2.31491	2.23554	2.16090	2.09016	2.02326
1.95951		1.89891	1.84107	1.78599		
3768455.07		2.19899	2.12553	2.05609	1.99040	1.92819
1.86903		1.81270	1.75881	1.70755		
3768435.07		2.09408	2.02568	1.96082	1.89954	1.84157
1.78632		1.73352	1.68324	1.63516		
3768415.07		1.99903	1.93527	1.87453	1.81682	1.76256
1.71067		1.66112	1.61383	1.56866		
3768395.07		1.91276	1.85304	1.79607	1.74158	1.69028
1.64147		1.59488	1.55027	1.50764		
3768375.07		1.83412	1.77794	1.72451	1.67328	1.62466
1.57838		1.53423	1.49200	1.45165		
3768355.07		1.76192	1.70915	1.65876	1.61061	1.56450
1.52053		1.47857	1.43847	1.40013		
3768335.07		1.69576	1.64540	1.59767	1.55214	1.50864
1.46718		1.42729	1.38909	1.35258		
3768315.07		1.63470	1.58689	1.54159	1.49813	1.45685
1.41788		1.37989	1.34345	1.30855		
3768295.07		1.57807	1.53288	1.48952	1.44837	1.40922
1.37219		1.33590	1.30106	1.26770		
3768275.07		1.52563	1.48259	1.44125	1.40200	1.36466
1.32937		1.29481	1.26155	1.22963		
3768255.07		1.47659	1.43528	1.39609	1.35838	1.32254
1.28874		1.25589	1.22411	1.19353		
3768235.07		1.43055	1.39111	1.35342	1.31714	1.28267
1.24988		1.21823	1.18789	1.15877		
3768215.07		1.38686	1.34920	1.31319	1.27847	1.24548
1.21387		1.18356	1.15448	1.12655		
3768195.07		1.34554	1.30957	1.27513	1.24189	1.21005
1.18001		1.15094	1.12283	1.09603		
3768175.07		1.30668	1.27198	1.23904	1.20720	1.17693
1.14788		1.11999	1.09319	1.06723		
3768155.07		1.26912	1.23625	1.20444	1.17393	1.14493
1.11708		1.09032	1.06458	1.03983		
3768135.07		1.23364	1.20190	1.17174	1.14250	1.11469
1.08795		1.06225	1.03751	1.01370		
3768115.07		1.19979	1.16941	1.14023	1.11249	1.08607
1.06039		1.03567	1.01187	0.98895		
3768095.07		1.16743	1.13835	1.11068	1.08407	1.05844
1.03378		1.01025	0.98735	0.96527		
3768075.07		1.13644	1.10891	1.08239	1.05657	1.03198
1.00853		0.98590	0.96385	0.94258		
3768055.07		1.10673	1.08038	1.05497	1.03048	1.00685
0.98455		0.96255	0.94152	0.92101		
3768035.07		1.07852	1.05329	1.02893	1.00514	0.98246
0.96129		0.94033	0.92007	0.90029		
3768015.07		1.05140	1.02694	1.00360	0.98105	0.95926
0.93891		0.91874	0.89923	0.88016		
3767995.07		1.02500	1.00187	0.97950	0.95785	0.93691
0.91713		0.89796	0.87916	0.86077		

3767975.07	0.99987	0.97743	0.95599	0.93523	0.91512
0.89589	0.87748	0.85961	0.84188		
3767955.07	0.97533	0.95414	0.93331	0.91340	0.89409
0.87562	0.85770	0.84031	0.82344		
3767935.07	0.95164	0.93108	0.91113	0.89205	0.87327
0.85531	0.83812	0.82120	0.80479		
3767915.07	0.92877	0.90909	0.88997	0.87140	0.85363
0.83637	0.81937	0.80311	0.78753		
3767895.07	0.90695	0.88810	0.86950	0.85195	0.83463
0.81780	0.80169	0.78580	0.77102		
3767875.07	0.88584	0.86752	0.84996	0.83286	0.81623
0.80005	0.78455	0.76947	0.75522		
3767855.07	0.86514	0.84787	0.83104	0.81463	0.79889
0.78309	0.76794	0.75386	0.74032		
3767835.07	0.84510	0.82884	0.81296	0.79721	0.78208
0.76640	0.75206	0.73871	0.72604		
3767815.07	0.82649	0.81066	0.79518	0.78030	0.76554
0.75022	0.73664	0.72401	0.71179		
3767795.07	0.80845	0.79302	0.77818	0.76366	0.74948
0.73473	0.72145	0.70952	0.69777		
3767775.07	0.79095	0.77592	0.76144	0.74752	0.73389
0.71946	0.70691	0.69544	0.68413		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 127

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      L0000001      ,      L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
436582.46	436482.46	436502.46	436522.46	436542.46
	436602.46	436622.46	436642.46	

3767755.07		0.77249	0.75835	0.74473	0.73138	0.71830
0.70485		0.69257	0.68136	0.67051		
3767735.07		0.75482	0.74154	0.72826	0.71547	0.70293
0.69021		0.67841	0.66766	0.65707		
3767715.07		0.73767	0.72497	0.71249	0.70001	0.68798
0.67598		0.66464	0.65413	0.64398		
3767695.07		0.72176	0.70961	0.69741	0.68543	0.67367
0.66234		0.65145	0.64115	0.63141		
3767675.07		0.70632	0.69468	0.68299	0.67149	0.65996
0.64908		0.63860	0.62871	0.61916		
3767655.07		0.69109	0.67995	0.66874	0.65771	0.64685
0.63618		0.62631	0.61659	0.60741		
3767635.07		0.67630	0.66542	0.65490	0.64431	0.63409
0.62403		0.61433	0.60498	0.59614		
3767615.07		0.66171	0.65129	0.64122	0.63148	0.62167
0.61219		0.60286	0.59385	0.58516		
3767595.07		0.64754	0.63756	0.62791	0.61859	0.60958
0.60067		0.59187	0.58318	0.57479		
3767575.07		0.63376	0.62443	0.61497	0.60625	0.59780
0.58962		0.58114	0.57277	0.56451		
3767555.07		0.62038	0.61145	0.60260	0.59424	0.58634
0.57848		0.57051	0.56261	0.55464		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 128

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*



Y-COORD					X-COORD (METERS)	
(METERS)		436662.46	436682.46	436702.46	436722.46	436742.46
436762.46		436782.46	436802.46	436822.46		

-----

3768555.07		2.09785	2.03049	1.96681	1.90595	1.84830
1.79338		1.74100	1.69102	1.64304		
3768535.07		1.99665	1.93429	1.87497	1.81848	1.76490
1.71401		1.66519	1.61834	1.57354		
3768515.07		1.90253	1.84446	1.78915	1.73664	1.68676
1.63951		1.59376	1.55001	1.50813		
3768495.07		1.81474	1.76079	1.70934	1.66023	1.61351
1.56939		1.52697	1.48604	1.44682		
3768475.07		1.73349	1.68323	1.63524	1.58939	1.54537
1.50422		1.46432	1.42609	1.38929		
3768455.07		1.65852	1.61170	1.56694	1.52388	1.48250
1.44355		1.40621	1.37014	1.33553		
3768435.07		1.58924	1.54534	1.50334	1.46292	1.42404
1.38736		1.35206	1.31818	1.28554		
3768415.07		1.52549	1.48412	1.44456	1.40647	1.36981
1.33529		1.30194	1.26990	1.23894		
3768395.07		1.46683	1.42771	1.39022	1.35416	1.31956
1.28707		1.25546	1.22501	1.19555		
3768375.07		1.41301	1.37590	1.34034	1.30622	1.27338
1.24258		1.21254	1.18351	1.15550		
3768355.07		1.36342	1.32820	1.29439	1.26202	1.23095
1.20138		1.17275	1.14511	1.11848		
3768335.07		1.31767	1.28414	1.25199	1.22113	1.19154
1.16319		1.13583	1.10946	1.08410		
3768315.07		1.27525	1.24326	1.21256	1.18308	1.15477
1.12757		1.10140	1.07621	1.05194		
3768295.07		1.23581	1.20521	1.17583	1.14760	1.12047
1.09428		1.06923	1.04512	1.02184		
3768275.07		1.19903	1.16970	1.14153	1.11445	1.08841
1.06321		1.03911	1.01599	0.99362		
3768255.07		1.16419	1.13613	1.10922	1.08331	1.05833
1.03400		1.01083	0.98857	0.96709		
3768235.07		1.13049	1.10365	1.07798	1.05350	1.02973
1.00631		0.98410	0.96276	0.94202		
3768215.07		1.09955	1.07360	1.04897	1.02550	1.00260
0.98019		0.95882	0.93820	0.91830		
3768195.07		1.07026	1.04531	1.02163	0.99895	0.97693
0.95533		0.93474	0.91498	0.89579		
3768175.07		1.04246	1.01845	0.99567	0.97371	0.95238
0.93181		0.91196	0.89280	0.87440		
3768155.07		1.01600	0.99306	0.97096	0.94981	0.92925
0.90928		0.89014	0.87165	0.85379		
3768135.07		0.99077	0.96868	0.94756	0.92717	0.90733
0.88790		0.86929	0.85144	0.83419		

3768115.07		0.96705	0.94557	0.92503	0.90537	0.88638
0.86760		0.84947	0.83223	0.81568		
3768095.07		0.94398	0.92345	0.90363	0.88450	0.86602
0.84788		0.83049	0.81382	0.79796		
3768075.07		0.92206	0.90225	0.88295	0.86448	0.84664
0.82909		0.81227	0.79616	0.78082		
3768055.07		0.90102	0.88190	0.86343	0.84542	0.82802
0.81104		0.79477	0.77918	0.76422		
3768035.07		0.88099	0.86253	0.84468	0.82726	0.81026
0.79367		0.77793	0.76284	0.74822		
3768015.07		0.86172	0.84388	0.82647	0.80962	0.79317
0.77710		0.76171	0.74710	0.73280		
3767995.07		0.84279	0.82558	0.80875	0.79230	0.77655
0.76098		0.74622	0.73192	0.71806		
3767975.07		0.82453	0.80774	0.79148	0.77574	0.76050
0.74542		0.73112	0.71726	0.70397		
3767955.07		0.80690	0.79068	0.77497	0.75975	0.74500
0.73038		0.71653	0.70325	0.69022		
3767935.07		0.78928	0.77419	0.75918	0.74445	0.73001
0.71600		0.70258	0.68955	0.67692		
3767915.07		0.77259	0.75823	0.74373	0.72965	0.71566
0.70209		0.68908	0.67645	0.66404		
3767895.07		0.75681	0.74296	0.72894	0.71516	0.70161
0.68862		0.67600	0.66360	0.65156		
3767875.07		0.74153	0.72798	0.71444	0.70111	0.68799
0.67541		0.66333	0.65130	0.63946		
3767855.07		0.72690	0.71363	0.70037	0.68747	0.67477
0.66274		0.65089	0.63922	0.62772		
3767835.07		0.71288	0.69971	0.68688	0.67424	0.66194
0.65030		0.63881	0.62748	0.61632		
3767815.07		0.69909	0.68618	0.67362	0.66155	0.64964
0.63820		0.62707	0.61608	0.60524		
3767795.07		0.68551	0.67287	0.66089	0.64921	0.63768
0.62660		0.61581	0.60514	0.59461		
3767775.07		0.67214	0.66009	0.64851	0.63722	0.62620
0.61531		0.60485	0.59436	0.58413		

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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 129

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      ,      L0000002  
 ,      L0000003      ,      L0000004      ,      L0000005      ,  
                                  L0000006      ,      L0000007      ,      L0000008      ,      L0000009      ,      L0000010  
 ,      L0000011      ,      L0000012      ,      L0000013      ,

, L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
436762.46	436662.46	436682.46	436702.46	436722.46
436782.46	436802.46	436822.46		436742.46

3767755.07	0.65913	0.64750	0.63631	0.62538	0.61473
0.60433	0.59404	0.58400	0.57407		
3767735.07	0.64630	0.63523	0.62442	0.61386	0.60355
0.59348	0.58365	0.57391	0.56413		
3767715.07	0.63380	0.62312	0.61285	0.60264	0.59266
0.58306	0.57353	0.56394	0.55458		
3767695.07	0.62162	0.61149	0.60140	0.59154	0.58189
0.57275	0.56338	0.55422	0.54499		
3767675.07	0.60992	0.59998	0.59024	0.58087	0.57154
0.56255	0.55347	0.54445	0.53563		
3767655.07	0.59852	0.58893	0.57952	0.57031	0.56144
0.55260	0.54365	0.53476	0.52635		
3767635.07	0.58741	0.57832	0.56923	0.56016	0.55143
0.54288	0.53421	0.52572	0.51756		
3767615.07	0.57675	0.56797	0.55903	0.55042	0.54182
0.53339	0.52499	0.51690	0.50898		
3767595.07	0.56651	0.55787	0.54923	0.54090	0.53258
0.52427	0.51626	0.50842	0.50088		
3767575.07	0.55636	0.54802	0.53966	0.53161	0.52355
0.51550	0.50760	0.50014	0.49282		
3767555.07	0.54661	0.53840	0.53033	0.52254	0.51459
0.50679	0.49928	0.49204	0.48494		

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 130

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002

```

, L0000003      , L0000004      , L0000005      ,
                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	436842.46	436862.46	436882.46	436902.46 436922.46
436942.46	436962.46	436982.46	437002.46	

3768555.07	1.59753	1.55437	1.51285	1.47305	1.43510
1.39858	1.36412	1.33072	1.29854		
3768535.07	1.53069	1.48965	1.45053	1.41283	1.37707
1.34260	1.30942	1.27721	1.24658		
3768515.07	1.46784	1.42958	1.39288	1.35765	1.32352
1.29057	1.25902	1.22809	1.19889		
3768495.07	1.40907	1.37301	1.33839	1.30514	1.27304
1.24204	1.21200	1.18270	1.15554		
3768475.07	1.35398	1.31995	1.28725	1.25582	1.22559
1.19623	1.16808	1.14081	1.11508		
3768455.07	1.30229	1.27012	1.23930	1.20965	1.18111
1.15339	1.12691	1.10149	1.07709		
3768435.07	1.25406	1.22380	1.19467	1.16654	1.13953
1.11329	1.08820	1.06422	1.04116		
3768415.07	1.20925	1.18059	1.15301	1.12643	1.10073
1.07593	1.05211	1.02931	1.00738		
3768395.07	1.16738	1.14026	1.11415	1.08890	1.06446
1.04096	1.01838	0.99666	0.97583		
3768375.07	1.12870	1.10304	1.07817	1.05411	1.03082
1.00834	0.98687	0.96613	0.94615		
3768355.07	1.09291	1.06842	1.04467	1.02169	0.99952
0.97804	0.95736	0.93751	0.91839		
3768335.07	1.05974	1.03619	1.01348	0.99156	0.97040
0.94978	0.92997	0.91088	0.89253		
3768315.07	1.02858	1.00603	0.98424	0.96326	0.94302
0.92331	0.90420	0.88586	0.86822		
3768295.07	0.99938	0.97777	0.95687	0.93672	0.91725
0.89837	0.88003	0.86239	0.84541		
3768275.07	0.97201	0.95126	0.93119	0.91178	0.89302
0.87491	0.85731	0.84032	0.82394		

3768255.07		0.94622	0.92633	0.90700	0.88828	0.87017
0.85278		0.83589	0.81951	0.80367		
3768235.07		0.92194	0.90281	0.88419	0.86611	0.84863
0.83189		0.81561	0.79982	0.78451		
3768215.07		0.89900	0.88057	0.86262	0.84520	0.82825
0.81211		0.79640	0.78114	0.76634		
3768195.07		0.87717	0.85949	0.84215	0.82532	0.80898
0.79338		0.77816	0.76338	0.74908		
3768175.07		0.85650	0.83929	0.82263	0.80635	0.79067
0.77554		0.76082	0.74650	0.73262		
3768155.07		0.83662	0.82001	0.80384	0.78818	0.77302
0.75840		0.74416	0.73035	0.71690		
3768135.07		0.81762	0.80158	0.78594	0.77080	0.75613
0.74199		0.72828	0.71490	0.70192		
3768115.07		0.79966	0.78414	0.76890	0.75424	0.74004
0.72627		0.71299	0.70010	0.68752		
3768095.07		0.78256	0.76753	0.75277	0.73856	0.72470
0.71135		0.69847	0.68590	0.67369		
3768075.07		0.76605	0.75160	0.73738	0.72351	0.71006
0.69702		0.68445	0.67233	0.66048		
3768055.07		0.74995	0.73619	0.72250	0.70913	0.69607
0.68333		0.67112	0.65920	0.64769		
3768035.07		0.73432	0.72104	0.70779	0.69483	0.68217
0.66988		0.65804	0.64654	0.63529		
3768015.07		0.71922	0.70616	0.69335	0.68081	0.66853
0.65671		0.64532	0.63416	0.62340		
3767995.07		0.70477	0.69187	0.67935	0.66708	0.65529
0.64384		0.63291	0.62227	0.61182		
3767975.07		0.69094	0.67843	0.66616	0.65437	0.64281
0.63180		0.62119	0.61086	0.60070		
3767955.07		0.67772	0.66557	0.65366	0.64221	0.63108
0.62037		0.60996	0.59991	0.58995		
3767935.07		0.66451	0.65301	0.64169	0.63067	0.61985
0.60932		0.59919	0.58922	0.57944		
3767915.07		0.65199	0.64084	0.62985	0.61916	0.60875
0.59841		0.58845	0.57867	0.56914		
3767895.07		0.64000	0.62905	0.61838	0.60800	0.59766
0.58760		0.57793	0.56830	0.55904		
3767875.07		0.62824	0.61761	0.60726	0.59705	0.58700
0.57710		0.56759	0.55822	0.54931		
3767855.07		0.61669	0.60651	0.59646	0.58642	0.57652
0.56689		0.55764	0.54863	0.53996		
3767835.07		0.60560	0.59573	0.58584	0.57608	0.56646
0.55708		0.54808	0.53942	0.53120		
3767815.07		0.59483	0.58526	0.57565	0.56616	0.55679
0.54767		0.53890	0.53059	0.52258		
3767795.07		0.58436	0.57507	0.56574	0.55651	0.54739
0.53851		0.53009	0.52200	0.51430		
3767775.07		0.57403	0.56516	0.55622	0.54724	0.53824
0.52960		0.52140	0.51375	0.50625		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*                      10:46:33

PAGE 131

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	436842.46	436862.46	436882.46	436902.46    436922.46
436942.46	436962.46	436982.46	437002.46	

3767755.07		0.56425	0.55537	0.54683	0.53810	0.52946
0.52104		0.51306	0.50561	0.49820		
3767735.07		0.55458	0.54597	0.53767	0.52931	0.52090
0.51258		0.50505	0.49767	0.49046		
3767715.07		0.54530	0.53694	0.52875	0.52062	0.51244
0.50445		0.49701	0.48983	0.48291		
3767695.07		0.53612	0.52799	0.51992	0.51202	0.50419
0.49653		0.48928	0.48229	0.47545		
3767675.07		0.52701	0.51914	0.51130	0.50363	0.49613
0.48891		0.48174	0.47493	0.46827		
3767655.07		0.51826	0.51062	0.50301	0.49568	0.48838
0.48136		0.47448	0.46775	0.46126		
3767635.07		0.50972	0.50230	0.49504	0.48779	0.48082
0.47399		0.46729	0.46073	0.45431		
3767615.07		0.50151	0.49431	0.48712	0.48021	0.47343
0.46678		0.46026	0.45377	0.44761		
3767595.07		0.49362	0.48650	0.47952	0.47279	0.46620
0.45973		0.45328	0.44696	0.44097		
3767575.07		0.48577	0.47886	0.47208	0.46554	0.45913

0.45273      0.44645      0.44040      0.43446  
 3767555.07 |      0.47810      0.47139      0.46480      0.45845      0.45210  
 0.44598      0.43977      0.43388      0.42810  
 \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 132

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      ,      L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)		X-COORD (METERS)				
		437022.46	437042.46	437062.46	437082.46	437102.46
437122.46		437142.46	437162.46			
-----						

3768555.07		1.26727	1.23714	1.20777	1.17954	1.15299
1.12738		1.10266	1.07880			
3768535.07		1.21695	1.18878	1.16135	1.13521	1.11000
1.08567		1.06208	1.03942			
3768515.07		1.17167	1.14499	1.11927	1.09416	1.07024
1.04715		1.02454	1.00301			
3768495.07		1.12977	1.10449	1.08010	1.05625	1.03382
1.01161		0.99008	0.96989			
3768475.07		1.09057	1.06659	1.04345	1.02087	0.99929
0.97843		0.95804	0.93874			
3768455.07		1.05365	1.03091	1.00884	0.98761	0.96709
0.94715		0.92794	0.90935			
3768435.07		1.01880	0.99728	0.97631	0.95612	0.93650
0.91761		0.89923	0.88151			
3768415.07		0.98619	0.96562	0.94572	0.92641	0.90771
0.88968		0.87215	0.85524			

3768395.07		0.95554	0.93591	0.91693	0.89856	0.88064
0.86334		0.84665	0.83048			
3768375.07		0.92683	0.90807	0.88986	0.87228	0.85520
0.83865		0.82266	0.80716			
3768355.07		0.89989	0.88192	0.86453	0.84763	0.83125
0.81543		0.80010	0.78522			
3768335.07		0.87477	0.85752	0.84077	0.82454	0.80886
0.79366		0.77896	0.76465			
3768315.07		0.85119	0.83457	0.81846	0.80285	0.78776
0.77317		0.75901	0.74523			
3768295.07		0.82896	0.81299	0.79748	0.78248	0.76794
0.75386		0.74020	0.72690			
3768275.07		0.80807	0.79267	0.77771	0.76322	0.74918
0.73558		0.72238	0.70956			
3768255.07		0.78833	0.77347	0.75904	0.74506	0.73148
0.71833		0.70555	0.69313			
3768235.07		0.76968	0.75530	0.74136	0.72783	0.71470
0.70196		0.68959	0.67755			
3768215.07		0.75197	0.73806	0.72456	0.71147	0.69874
0.68640		0.67441	0.66274			
3768195.07		0.73516	0.72165	0.70858	0.69590	0.68359
0.67163		0.65997	0.64864			
3768175.07		0.71916	0.70606	0.69340	0.68105	0.66911
0.65751		0.64619	0.63524			
3768155.07		0.70385	0.69120	0.67886	0.66693	0.65534
0.64408		0.63308	0.62239			
3768135.07		0.68927	0.67693	0.66501	0.65342	0.64217
0.63123		0.62050	0.61011			
3768115.07		0.67524	0.66326	0.65168	0.64049	0.62956
0.61893		0.60854	0.59844			
3768095.07		0.66177	0.65013	0.63882	0.62790	0.61728
0.60701		0.59691	0.58713			
3768075.07		0.64890	0.63752	0.62652	0.61577	0.60538
0.59541		0.58564	0.57626			
3768055.07		0.63644	0.62537	0.61460	0.60414	0.59410
0.58434		0.57498	0.56585			
3768035.07		0.62436	0.61366	0.60318	0.59299	0.58315
0.57380		0.56462	0.55581			
3768015.07		0.61269	0.60228	0.59207	0.58215	0.57265
0.56356		0.55469	0.54612			
3767995.07		0.60148	0.59135	0.58141	0.57174	0.56250
0.55365		0.54510	0.53675			
3767975.07		0.59065	0.58078	0.57110	0.56177	0.55276
0.54407		0.53575	0.52768			
3767955.07		0.58007	0.57055	0.56121	0.55211	0.54325
0.53486		0.52676	0.51891			
3767935.07		0.56982	0.56055	0.55153	0.54275	0.53420
0.52602		0.51812	0.51040			
3767915.07		0.55978	0.55085	0.54216	0.53368	0.52543
0.51745		0.50967	0.50215			



3767895.07	0.55002	0.54134	0.53297	0.52480	0.51684
0.50914	0.50155	0.49414			
3767875.07	0.54064	0.53228	0.52422	0.51626	0.50858
0.50107	0.49366	0.48629			
3767855.07	0.53162	0.52359	0.51573	0.50806	0.50056
0.49316	0.48593	0.47873			
3767835.07	0.52317	0.51533	0.50766	0.50017	0.49285
0.48554	0.47834	0.47124			
3767815.07	0.51486	0.50721	0.49973	0.49242	0.48519
0.47806	0.47095	0.46402			
3767795.07	0.50668	0.49922	0.49201	0.48479	0.47774
0.47070	0.46376	0.45698			
3767775.07	0.49881	0.49153	0.48450	0.47745	0.47041
0.46346	0.45676	0.45013			

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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                                          \*\*\*                      10:46:33

PAGE 133

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      ,    L0000002  
 , L0000003      ,    L0000004      ,    L0000005      ,    L0000006      ,    L0000007      ,    L0000008      ,    L0000009      ,    L0000010  
 , L0000011      ,    L0000012      ,    L0000013      ,    L0000014      ,    L0000015      ,    L0000016      ,    L0000017      ,    L0000018  
 , L0000019      ,    L0000020      ,    L0000021      ,    L0000022      ,    L0000023      ,    L0000024      ,    L0000025      ,    L0000026  
 , L0000027      ,    L0000028      ,    . . .      ,

\*\*\* NETWORK ID: UCART2      ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	437022.46	437042.46	437062.46	437082.46	437102.46
437122.46	437142.46	437162.46			

3767755.07	0.49095	0.48405	0.47710	0.47015	0.46327
0.45648	0.44993	0.44338			
3767735.07	0.48340	0.47667	0.46990	0.46310	0.45631
0.44968	0.44320	0.43687			
3767715.07	0.47603	0.46938	0.46270	0.45607	0.44944

0.44296	0.43670	0.43052				
3767695.07		0.46875	0.46228	0.45567	0.44912	0.44264
0.43640	0.43029	0.42440				
3767675.07		0.46174	0.45525	0.44880	0.44242	0.43609
0.42999	0.42410	0.41834				
3767655.07		0.45479	0.44847	0.44209	0.43586	0.42977
0.42389	0.41806	0.41251				
3767635.07		0.44801	0.44184	0.43563	0.42945	0.42359
0.41785	0.41215	0.40673				
3767615.07		0.44147	0.43537	0.42921	0.42327	0.41755
0.41195	0.40638	0.40116				
3767595.07		0.43499	0.42904	0.42302	0.41723	0.41164
0.40617	0.40073	0.39564				
3767575.07		0.42864	0.42275	0.41697	0.41140	0.40586
0.40043	0.39512	0.39023				
3767555.07		0.42243	0.41668	0.41114	0.40561	0.40020
0.39490	0.38971	0.38478				

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 134

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

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
435651.62	3768720.59	66.80754	435652.62
3768592.32	83.39030		
435814.32	3768590.82	85.34225	435812.32
3768721.58	146.30751		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 135

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART1      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		431735.17	432134.14	432533.11
		432932.08	433331.05	

3772650.9		6.32239 (16110107)	6.83436 (13061103)	7.45255 (14082901)
7.89053		(12081504)	8.53303 (12051606)	
3772251.9		6.49205 (12080804)	7.02490 (16110107)	7.63378 (13061103)
8.48498		(14081702)	9.04372 (14110520)	
3771852.9		6.12166 (12051603)	6.92090 (16081802)	7.82475 (14081705)
8.75519		(12071404)	9.50369 (16060502)	
3771454.0		5.45150 (16081805)	6.49472 (16081724)	7.73670 (12080506)
8.79502		(14081705)	9.87539 (12071404)	
3771055.0		4.58961 (16111421)	5.73563 (16072703)	7.00363 (12081503)
8.07401		(14022019)	9.59719 (14081705)	
3770656.0		3.55627 (12112420)	4.52580 (16092723)	5.75188 (14091421)
7.03263		(16072103)	8.78338 (15091101)	
3770257.0		2.54004 (16092603)	2.89356 (16092523)	3.73281 (14080222)
5.67285		(16110920)	7.54883 (15091006)	
3769858.1		2.62603 (14051204)	3.05796 (16092603)	3.61464 (16092603)
4.11920		(15091505)	5.17124 (16092523)	
3769459.1		2.75020 (12042602)	3.20501 (16102318)	3.72087 (16102318)
4.42451		(14051204)	5.39447 (16092603)	
3769060.1		2.76732 (14022801)	3.20974 (12020620)	3.79247 (12020620)

4.53695 (13022621)	5.64273 (14122517)		
3768661.2   2.82973 (16092524)	3.27389 (16092524)	3.86767 (16092524)	
4.66937 (16092524)	5.77366 (16092524)		
3768262.2   2.74436 (16102417)	3.09477 (16102417)	3.65526 (13110517)	
4.40885 (13110517)	5.38052 (16032302)		
3767863.2   2.62986 (16092522)	3.10830 (16092522)	3.61883 (16092522)	
4.23594 (13111317)	5.16576 (13112508)		
3767464.2   2.52081 (13112508)	2.94211 (13112508)	3.26430 (15012617)	
3.95390 (13012117)	4.63828 (12011218)		
3767065.3   2.39262 (15031522)	2.77249 (13012117)	3.10220 (12011218)	
3.57074 (12020617)	4.13219 (15101101)		
3766666.3   2.26737 (12011218)	2.54223 (15072001)	2.89783 (16012517)	
3.18460 (16092004)	3.70487 (16102317)		
3766267.3   2.11754 (12020617)	2.33290 (15101101)	2.63061 (15101222)	
2.89496 (16102317)	3.19797 (16022219)		
3765868.4   1.96061 (16092004)	2.20331 (15101222)	2.40803 (16021519)	
2.56361 (12110522)	2.85075 (14051601)		
3765469.4   1.85128 (15101222)	1.98930 (16021519)	2.14389 (16022219)	
2.31487 (14051601)	2.61561 (14051606)		
3765070.4   1.70696 (16021519)	1.80651 (12110522)	1.93245 (15101103)	
2.14740 (12020908)	2.36410 (15101007)		
3764671.5   1.56288 (12110522)	1.66555 (12100205)	1.81778 (12020908)	
1.96904 (15101007)	1.99592 (16111203)		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 136

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART1      ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub>      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	433730.02	434128.99	434527.96

434926.93

435325.90

3772650.9		8.55776 (13081704)	8.83490 (14081005)	9.01911 (15102905)
9.18427	(13062606)	9.24323 (15060801)		
3772251.9		9.46170 (15020907)	10.11151 (15062005)	10.19671 (15061905)
10.71147	(15062506)	10.90167 (15060801)		
3771852.9		10.32705 (13070802)	11.11885 (13081704)	12.06272 (15042906)
12.62054	(12081803)	12.40490 (15020602)		
3771454.0		11.38933 (16092802)	12.50527 (13090724)	13.30688 (15062005)
14.27646	(12091901)	14.69040 (13090305)		
3771055.0		11.12422 (16082903)	13.12138 (14110520)	14.54516 (15021824)
16.13121	(15061905)	17.37645 (13090305)		
3770656.0		10.99998 (14081705)	13.31757 (14073105)	16.45014 (14091701)
18.40151	(14081005)	20.15621 (14091224)		
3770257.0		9.81843 (16122218)	12.91497 (16072901)	16.39176 (12081704)
20.53396	(15092601)	24.34738 (16062701)		
3769858.1		8.14984 (16110920)	11.37412 (14091521)	17.24441 (15082702)
22.86998	(13082922)	28.94546 (16072603)		
3769459.1		6.70832 (16092603)	8.95955 (16092523)	12.88199 (16092601)
23.78783	(14100721)	36.32913 (15082605)		
3769060.1		7.21501 (12042602)	9.71364 (16102318)	13.78353 (16092603)
23.09051	(16092523)	40.95992 (15090919)		
3768661.2		7.45796 (16092524)	10.11760 (16092524)	15.15330 (16092524)
26.08726	(16092524)	66.43359 (16092524)		
3768262.2		6.98969 (16092522)	9.42654 (16092522)	13.44832 (13112508)
21.33215	(14121616)	39.09159 (16102018)		
3767863.2		6.27706 (15031522)	8.07679 (12011218)	10.85424 (15101101)
15.04857	(16102018)	20.91915 (14120808)		
3767464.2		5.57949 (12020617)	6.85274 (15101222)	8.46895 (16022219)
11.18834	(15101007)	12.80268 (16113008)		
3767065.3		4.89798 (15101222)	5.64499 (16022219)	6.94418 (14051606)
7.96410	(14120808)	8.77962 (14101707)		
3766666.3		4.13118 (16022219)	4.82035 (12020908)	5.35394 (16100724)
6.05514	(12100124)	6.67475 (15072006)		
3766267.3		3.64188 (14051601)	4.20142 (15101007)	4.45347 (14120808)
4.79180	(16113008)	4.96024 (16102019)		
3765868.4		3.19909 (15101007)	3.47096 (16100807)	3.71804 (12100124)
3.89568	(14101707)	4.10360 (16102019)		
3765469.4		2.75305 (15101007)	2.94889 (14120808)	3.15954 (15100922)
3.27494	(14101707)	3.41767 (12091522)		
3765070.4		2.47325 (16100807)	2.56296 (16092704)	2.68412 (16113008)
2.86223	(15072006)	2.88826 (12091522)		
3764671.5		2.14133 (12091506)	2.23733 (15100922)	2.32639 (14011620)
2.47370	(15072006)	2.46209 (14011623)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 10:46:33

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435724.87	436123.84	436522.81
	436921.78	437320.75	

-----

3772650.9	9.28886 (12081502)	8.66842 (12122019)	8.56952 (16050105)
8.25510 (13122118)	8.17914 (12062901)		
3772251.9	10.81318 (12081502)	10.35325 (12092203)	10.03726 (16121106)
9.71487 (15092801)	9.43281 (12050906)		
3771852.9	12.71364 (12081502)	12.48516 (12092203)	11.99470 (15092501)
11.64995 (12081002)	10.79707 (16081304)		
3771454.0	14.92965 (12081502)	14.89754 (12091723)	13.87144 (12021507)
14.05250 (12050906)	12.23243 (12122117)		
3771055.0	17.53409 (12081502)	16.98820 (12062601)	16.63894 (15092801)
15.62442 (14090623)	14.44696 (12100702)		
3770656.0	20.95062 (12080806)	20.56914 (14070405)	19.91623 (12062901)
17.88797 (14090106)	16.17107 (15021724)		
3770257.0	25.79767 (12080806)	25.99275 (15092501)	23.66941 (14090623)
21.58183 (14082823)	18.36248 (16102923)		
3769858.1	33.20664 (12082822)	32.78843 (16072205)	28.63225 (14101803)
23.95095 (12112923)	19.98530 (14111604)		
3769459.1	45.48412 (12082822)	42.76217 (12071205)	34.54316 (12112923)
26.40712 (12081405)	20.75675 (12081104)		
3769060.1	80.32332 (16061921)	63.60834 (13090722)	39.18237 (12090723)
26.50074 (13090823)	19.21023 (16063005)		
3768661.2	819.92226 (12062806)	70.68917 (15081322)	28.44367 (15081322)
19.98142 (14072424)	15.19471 (15082823)		
3768262.2	61.60957 (16042323)	43.62588 (15082822)	23.29502 (15081623)

14.53233 (16060221)	10.23229 (15082519)		
3767863.2   24.44064 (16042323)	24.24167 (12121716)	16.59913 (15082822)	
12.05229 (13083103)	8.86180 (15081623)		
3767464.2   13.96884 (16042323)	13.07852 (14100522)	11.68539 (14100207)	
9.33658 (15082822)	7.45535 (14090904)		
3767065.3   9.25202 (16042323)	9.01427 (14011608)	8.11400 (13101507)	
7.26339 (13110117)	6.23293 (15082822)		
3766666.3   6.75756 (16042323)	6.49484 (14122307)	6.31453 (16102020)	
5.70062 (14100207)	5.13440 (15101303)		
3766267.3   5.13975 (16042323)	5.17889 (16040918)	4.86486 (15030524)	
4.51463 (14110323)	4.36954 (14100207)		
3765868.4   4.13095 (16042323)	4.13964 (16040918)	4.04667 (15110717)	
3.81747 (16021503)	3.59209 (16013008)		
3765469.4   3.41500 (16042323)	3.42318 (14050101)	3.33669 (14011608)	
3.23657 (16102020)	3.01541 (14110323)		
3765070.4   2.87410 (16042323)	2.87700 (14050101)	2.81222 (13052406)	
2.72145 (15030524)	2.61388 (16021503)		
3764671.5   2.47063 (16042323)	2.44000 (13122422)	2.40977 (14122307)	
2.39971 (15110717)	2.32394 (15012508)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*                      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 138

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                          L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                          L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                          L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART1    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	437719.72	438118.69	438517.66
438916.63	439315.60		

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3772650.9	7.75469 (16081304)	7.04375 (14090106)	6.91315 (16082101)
6.61429 (12092822)	6.06458 (13111902)		
3772251.9	8.91034 (12122117)	8.45985 (13091606)	7.90345 (12092822)
7.21853 (13122418)	6.80881 (16102923)		
3771852.9	9.68080 (12100702)	9.74226 (14082823)	8.76373 (13122418)
8.09059 (16102923)	7.72917 (14031803)		
3771454.0	11.34717 (16082101)	10.55913 (12081103)	9.71283 (16102923)
8.89817 (14031803)	8.62019 (12050506)		
3771055.0	13.08556 (12081103)	11.80927 (16102923)	10.54607 (12112319)
9.59956 (12050506)	9.05970 (12090904)		
3770656.0	14.56108 (16102923)	13.10180 (12112319)	11.61839 (14102702)
10.45354 (14012701)	9.64941 (12082006)		
3770257.0	15.96633 (12050506)	14.21644 (12090904)	12.23622 (14121021)
10.69983 (12080204)	9.72191 (15072606)		
3769858.1	16.76806 (12121708)	14.33135 (12080204)	12.35783 (15072606)
10.65591 (16122918)	9.37776 (15093023)		
3769459.1	16.50607 (12042901)	14.12626 (15093023)	11.85287 (16090103)
9.96911 (13032902)	8.55903 (16070905)		
3769060.1	15.22028 (13091322)	12.29500 (16072702)	10.47015 (12083001)
8.97894 (14091122)	7.55418 (14091122)		
3768661.2	11.77024 (12081622)	9.55117 (12081622)	8.25620 (12081622)
6.89491 (12081622)	5.92627 (12091822)		
3768262.2	7.52763 (14073022)	5.88091 (16012417)	4.78033 (16082921)
4.04030 (15101305)	3.81434 (13070302)		
3767863.2	7.01627 (12102717)	5.53159 (16060221)	4.59236 (14070522)
3.88608 (15082519)	3.35025 (15082519)		
3767464.2	6.10857 (13103117)	4.98746 (15081623)	4.34891 (12102717)
3.62776 (15080322)	3.12922 (16060221)		
3767065.3	5.21531 (15101304)	4.53651 (13083103)	3.88719 (15012217)
3.30876 (15081623)	2.99356 (12102717)		
3766666.3	4.56446 (15082822)	3.98397 (15101304)	3.54655 (12012417)
3.09233 (13103117)	2.77803 (15012217)		
3766267.3	3.82926 (14011607)	3.51173 (15082822)	3.10089 (15101304)
2.77589 (14090904)	2.55870 (13083103)		
3765868.4	3.34798 (16072622)	2.99577 (14011607)	2.80961 (15082822)
2.53394 (14082724)	2.29249 (13083101)		
3765469.4	2.93627 (14100207)	2.69407 (13110117)	2.44134 (14121122)
2.31495 (15082822)	2.11543 (14082724)		
3765070.4	2.48605 (16013008)	2.42630 (14100207)	2.25005 (15101303)
2.04700 (13012319)	1.95016 (15082822)		
3764671.5	2.17691 (14110323)	2.09779 (16013008)	1.99606 (12050822)
1.89032 (15101303)	1.74681 (13012319)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*        09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*        \*\*\*  
                                  \*\*\*        10:46:33



VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART1 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM10 IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)
	439714.57

3772650.9	5.84114 (16102923)
3772251.9	6.66627 (14031803)
3771852.9	7.13272 (12050506)
3771454.0	7.67935 (14120606)
3771055.0	8.26315 (12121708)
3770656.0	8.35411 (12080204)
3770257.0	8.53855 (12011717)
3769858.1	8.34044 (12081705)
3769459.1	7.62963 (14082822)
3769060.1	6.73190 (12030419)
3768661.2	5.37597 (14092601)
3768262.2	4.02364 (14011817)
3767863.2	2.86036 (14073022)
3767464.2	2.75891 (14070522)
3767065.3	2.63391 (12102717)
3766666.3	2.41898 (14041523)
3766267.3	2.26371 (13103117)
3765868.4	2.14506 (12012417)
3765469.4	1.92057 (13093020)
3765070.4	1.80395 (14082724)
3764671.5	1.67631 (15082822)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 140

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	433962.46	433982.46	434002.46
	434022.46	434042.46	

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3768555.1	8.86996 (14020117)	9.00528 (14020117)	9.14813 (14020117)
9.29465 (14020117)		9.44499 (14020117)	
3768535.1	8.87199 (14020117)	9.00379 (14020117)	9.13866 (14020117)
9.27670 (14020117)		9.42727 (14020117)	
3768515.1	8.82439 (14020117)	8.95543 (14020117)	9.08515 (14020117)
9.21319 (14020117)		9.35331 (14020117)	
3768495.1	8.73230 (14020117)	8.85709 (14020117)	8.97579 (14020117)
9.09671 (14020117)		9.22942 (14020117)	
3768475.1	8.59338 (14020117)	8.71063 (14020117)	8.82145 (14020117)
8.93412 (14020117)		9.05815 (14020117)	
3768455.1	8.40598 (14020117)	8.51448 (14020117)	8.62057 (14020117)
8.72387 (14020117)		8.87013 (13110517)	
3768435.1	8.36160 (13110517)	8.49103 (13110517)	8.62302 (13110517)
8.75763 (13110517)		8.89930 (13110517)	
3768415.1	8.36763 (13110517)	8.49094 (13110517)	8.61643 (13110517)
8.74843 (13110517)		8.88295 (13110517)	
3768395.1	8.32580 (13110517)	8.44565 (13110517)	8.56333 (13110517)
8.69141 (13110517)		8.81734 (13110517)	
3768375.1	8.24487 (13110517)	8.35620 (13110517)	8.46490 (13110517)
8.58353 (13110517)		8.71781 (16032302)	
3768355.1	8.18373 (16032302)	8.29945 (16032302)	8.42277 (16032302)
8.56410 (12022707)		8.71073 (12022707)	
3768335.1	8.17677 (12022707)	8.30394 (12022707)	8.43470 (16092522)
8.59837 (16092522)		8.75978 (16092522)	
3768315.1	8.24203 (16092522)	8.38869 (16092522)	8.54303 (16092522)
8.69463 (16092522)		8.84859 (16092522)	

3768295.1	8.31611 (16092522)	8.45540 (16092522)	8.59655 (16092522)
8.72839 (16092522)	8.87277 (16092522)		
3768275.1	8.34830 (16092522)	8.47883 (16092522)	8.60520 (16092522)
8.72119 (16092522)	8.85469 (16092522)		
3768255.1	8.33853 (16092522)	8.45373 (16092522)	8.56382 (16092522)
8.66819 (16092522)	8.79538 (16092522)		
3768235.1	8.28737 (16092522)	8.39148 (16092522)	8.49540 (16092522)
8.59337 (16092522)	8.70789 (16092522)		
3768215.1	8.19602 (16092522)	8.28818 (16092522)	8.37960 (16092522)
8.47012 (16092522)	8.58229 (16092522)		
3768195.1	8.06112 (16092522)	8.17573 (13111317)	8.29171 (13111317)
8.40758 (13111317)	8.54241 (13111317)		
3768175.1	8.00977 (13111317)	8.12007 (13111317)	8.23006 (13111317)
8.33958 (13111317)	8.45479 (13111317)		
3768155.1	7.92865 (13111317)	8.02666 (13111317)	8.12979 (13111317)
8.25971 (13112508)	8.41343 (13112508)		
3768135.1	7.86738 (13112508)	8.00810 (13112508)	8.15886 (13112508)
8.30527 (13112508)	8.44172 (13112508)		
3768115.1	7.89325 (13112508)	8.02249 (13112508)	8.16110 (13112508)
8.29950 (13112508)	8.42224 (13112508)		
3768095.1	7.88148 (13112508)	7.99817 (13112508)	8.12841 (13112508)
8.25288 (13112508)	8.36092 (13112508)		
3768075.1	7.83743 (13112508)	7.94559 (13112508)	8.05699 (13112508)
8.17160 (13112508)	8.26433 (13112508)		
3768055.1	7.76220 (13112508)	7.85171 (13112508)	7.95321 (13112508)
8.05245 (13112508)	8.13035 (15012617)		
3768035.1	7.64806 (13112508)	7.72784 (13112508)	7.83454 (15012617)
7.93489 (15012617)	8.01828 (15012617)		
3768015.1	7.54437 (15012617)	7.63053 (15012617)	7.71851 (15012617)
7.79891 (15012617)	7.90834 (15101024)		
3767995.1	7.42982 (15012617)	7.51239 (15101024)	7.64544 (15101024)
7.77699 (15101024)	7.90251 (15031522)		
3767975.1	7.39918 (15101024)	7.51700 (15101024)	7.64478 (15031522)
7.78042 (15031522)	7.91419 (15031522)		
3767955.1	7.40481 (15031522)	7.53098 (15031522)	7.65521 (15031522)
7.77712 (15031522)	7.90539 (13012117)		
3767935.1	7.41433 (15031522)	7.52248 (15031522)	7.64958 (13012117)
7.78135 (13012117)	7.91055 (13012117)		
3767915.1	7.41191 (13012117)	7.52982 (13012117)	7.65024 (13012117)
7.77313 (13012117)	7.88734 (13012117)		
3767895.1	7.41367 (13012117)	7.51305 (13012117)	7.61925 (13012117)
7.72714 (13012117)	7.82564 (13012117)		
3767875.1	7.38076 (13012117)	7.47124 (13012117)	7.56279 (13012117)
7.64997 (13012117)	7.73236 (13012117)		
3767855.1	7.32413 (13012117)	7.39518 (13012117)	7.47163 (13012117)
7.56406 (14121616)	7.65603 (14121616)		
3767835.1	7.23988 (13012117)	7.31670 (14121616)	7.39893 (14121616)
7.48345 (14121616)	7.56237 (14121616)		
3767815.1	7.17390 (14121616)	7.24230 (14121616)	7.30874 (14121616)
7.37680 (14121616)	7.48462 (12011218)		

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3767795.1 |      7.08323 (14121616)      7.13989 (14121616)      7.23462 (12011218)
      7.33992 (12011218)      7.44545 (12011218)
3767775.1 |      7.01682 (12011218)      7.10748 (12011218)      7.19804 (12011218)
      7.28833 (12011218)      7.39496 (12110422)
^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 141

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

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

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Y-COORD |      X-COORD (METERS)
(METERS) |      433962.46      433982.46      434002.46
      434022.46      434042.46

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3767755.1 |      6.97788 (12011218)      7.05914 (12011218)      7.15888 (12110422)
      7.25505 (12110422)      7.35123 (12110422)
3767735.1 |      6.93015 (12110422)      7.03221 (12110422)      7.13477 (12110422)
      7.22164 (12110422)      7.31752 (15072001)
3767715.1 |      6.88392 (12110422)      6.97173 (12110422)      7.07660 (15072001)
      7.16999 (15072001)      7.25738 (15072001)
3767695.1 |      6.82781 (15072001)      6.92555 (15072001)      7.01801 (15072001)
      7.09825 (12020617)      7.19684 (12020617)
3767675.1 |      6.78300 (15072001)      6.85811 (15072001)      6.95597 (12020617)
      7.04522 (12020617)      7.12810 (12020617)
3767655.1 |      6.73706 (12020617)      6.82836 (12020617)      6.91392 (12020617)
      6.99322 (12020617)      7.05570 (12020617)
3767635.1 |      6.69597 (12020617)      6.77794 (12020617)      6.85857 (12020617)
      6.93134 (16012517)      7.03981 (16012517)
3767615.1 |      6.63336 (12020617)      6.70111 (12020617)      6.81131 (16012517)

```



3768435.1	9.04848 (13110517)	9.20098 (13110517)	9.35212 (13110517)
9.50645 (13110517)	9.66909 (13110517)		
3768415.1	9.02454 (13110517)	9.16431 (13110517)	9.30669 (13110517)
9.45666 (13110517)	9.60958 (13110517)		
3768395.1	8.94985 (13110517)	9.08002 (13110517)	9.21226 (13110517)
9.34656 (13110517)	9.48294 (13110517)		
3768375.1	8.85600 (16032302)	8.99651 (16032302)	9.13934 (16032302)
9.29244 (12022707)	9.45015 (12022707)		
3768355.1	8.85475 (12022707)	9.00648 (12022707)	9.15869 (16092522)
9.32819 (16092522)	9.50045 (16092522)		
3768335.1	8.92982 (16092522)	9.10314 (16092522)	9.27975 (16092522)
9.43489 (16092522)	9.59160 (16092522)		
3768315.1	9.01066 (16092522)	9.18127 (16092522)	9.34874 (16092522)
9.49374 (16092522)	9.63958 (16092522)		
3768295.1	9.02471 (16092522)	9.18461 (16092522)	9.34666 (16092522)
9.49183 (16092522)	9.63142 (16092522)		
3768275.1	8.99515 (16092522)	9.14894 (16092522)	9.29819 (16092522)
9.44238 (16092522)	9.57441 (16092522)		
3768255.1	8.92912 (16092522)	9.06965 (16092522)	9.21101 (16092522)
9.34052 (16092522)	9.45716 (16092522)		
3768235.1	8.83407 (16092522)	8.96047 (16092522)	9.08694 (16092522)
9.19921 (13111317)	9.33587 (13111317)		
3768215.1	8.72981 (13111317)	8.87227 (13111317)	9.02214 (13111317)
9.15166 (13111317)	9.26627 (13111317)		
3768195.1	8.67762 (13111317)	8.80638 (13111317)	8.92810 (13111317)
9.04907 (13111317)	9.14767 (13111317)		
3768175.1	8.56294 (13111317)	8.68063 (13112508)	8.84890 (13112508)
9.01793 (13112508)	9.18175 (13112508)		
3768155.1	8.56248 (13112508)	8.71155 (13112508)	8.86589 (13112508)
9.02003 (13112508)	9.17366 (13112508)		
3768135.1	8.57237 (13112508)	8.70188 (13112508)	8.83550 (13112508)
8.97901 (13112508)	9.11552 (13112508)		
3768115.1	8.53311 (13112508)	8.64714 (13112508)	8.76995 (13112508)
8.89634 (13112508)	9.02055 (13112508)		
3768095.1	8.45638 (13112508)	8.55422 (13112508)	8.65996 (13112508)
8.77950 (13112508)	8.87943 (13112508)		
3768075.1	8.34389 (13112508)	8.42507 (13112508)	8.51711 (15012617)
8.63107 (15012617)	8.74205 (15012617)		
3768055.1	8.21647 (15012617)	8.29900 (15012617)	8.39849 (15012617)
8.48928 (15012617)	8.60055 (15101024)		
3768035.1	8.08840 (15012617)	8.15937 (15012617)	8.30290 (15101024)
8.44993 (15101024)	8.59949 (15101024)		
3768015.1	8.03344 (15101024)	8.16031 (15101024)	8.30187 (15031522)
8.45703 (15031522)	8.61005 (15031522)		
3767995.1	8.03736 (15031522)	8.17562 (15031522)	8.31731 (15031522)
8.45632 (15031522)	8.60474 (13012117)		
3767975.1	8.04002 (15031522)	8.16359 (13012117)	8.31516 (13012117)
8.47031 (13012117)	8.61013 (13012117)		
3767955.1	8.04106 (13012117)	8.17973 (13012117)	8.32133 (13012117)
8.45356 (13012117)	8.57547 (13012117)		

3767935.1	8.03107 (13012117)	8.15368 (13012117)	8.27830 (13012117)
8.40478 (13012117)	8.50200 (13012117)		
3767915.1	7.99209 (13012117)	8.09230 (13012117)	8.20519 (13012117)
8.30724 (13012117)	8.39220 (14121616)		
3767895.1	7.91397 (13012117)	7.99706 (13012117)	8.09852 (14121616)
8.21278 (14121616)	8.30785 (14121616)		
3767875.1	7.81754 (14121616)	7.91587 (14121616)	8.01681 (14121616)
8.11162 (14121616)	8.18661 (14121616)		
3767855.1	7.73841 (14121616)	7.81870 (14121616)	7.90075 (14121616)
8.02461 (12011218)	8.13787 (12011218)		
3767835.1	7.62727 (14121616)	7.73335 (12011218)	7.85628 (12011218)
7.97954 (12011218)	8.07743 (12110422)		
3767815.1	7.58552 (12011218)	7.68617 (12011218)	7.79175 (12011218)
7.92674 (12110422)	8.03185 (12110422)		
3767795.1	7.53038 (12011218)	7.63861 (12110422)	7.75012 (12110422)
7.86164 (12110422)	7.95857 (15072001)		
3767775.1	7.49007 (12110422)	7.58487 (12110422)	7.68543 (15072001)
7.80203 (15072001)	7.90185 (15072001)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 143

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434062.46	434082.46	434102.46
434122.46	434142.46		

3767755.1	7.43671 (15072001)	7.53910 (15072001)	7.64463 (15072001)
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7.73353 (15072001)	7.84844 (12020617)		
3767735.1   7.41020 (15072001)	7.50091 (15072001)	7.60874 (12020617)	
7.69769 (12020617)	7.78435 (12020617)		
3767715.1   7.35434 (12020617)	7.45669 (12020617)	7.54671 (12020617)	
7.62344 (12020617)	7.69166 (12020617)		
3767695.1   7.28912 (12020617)	7.37450 (12020617)	7.45238 (12020617)	
7.53658 (16012517)	7.65484 (16012517)		
3767675.1   7.20405 (12020617)	7.27252 (12020617)	7.39781 (16012517)	
7.51135 (16012517)	7.61170 (16012517)		
3767655.1   7.14867 (16012517)	7.25946 (16012517)	7.36853 (16012517)	
7.46473 (16012517)	7.54707 (16012517)		
3767635.1   7.14186 (16012517)	7.23685 (16012517)	7.31890 (16012517)	
7.39240 (16012517)	7.45132 (16012517)		
3767615.1   7.09079 (16012517)	7.16936 (16012517)	7.23447 (16012517)	
7.29050 (16012517)	7.35954 (15101101)		
3767595.1   7.01181 (16012517)	7.07389 (16012517)	7.13420 (15101101)	
7.20525 (15101101)	7.26683 (15101101)		
3767575.1   6.90162 (16012517)	6.97817 (15101101)	7.04942 (15101101)	
7.10746 (15101101)	7.17479 (16092004)		
3767555.1   6.83670 (15101101)	6.90042 (15101101)	6.95523 (15101101)	
7.04472 (16092004)	7.13530 (16092004)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 144

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434162.46	434182.46	434202.46
434222.46	434242.46		

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3768555.1	10.45660 (14020117)	10.63854 (14020117)	10.82562 (14020117)
11.01803 (14020117)	11.22796 (14020117)		
3768535.1	10.40758 (14020117)	10.58298 (14020117)	10.75729 (14020117)
10.94208 (14020117)	11.15037 (14020117)		
3768515.1	10.29036 (14020117)	10.46260 (14020117)	10.62770 (14020117)
10.80280 (14020117)	11.00098 (14020117)		
3768495.1	10.11862 (14020117)	10.28035 (14020117)	10.43436 (14020117)
10.59171 (14020117)	10.77735 (14020117)		
3768475.1	9.87967 (14020117)	10.02893 (14020117)	10.16989 (14020117)
10.35409 (13110517)	10.57193 (13110517)		
3768455.1	9.84980 (13110517)	10.02363 (13110517)	10.19608 (13110517)
10.37799 (13110517)	10.57584 (13110517)		
3768435.1	9.83534 (13110517)	9.99462 (13110517)	10.16253 (13110517)
10.32823 (13110517)	10.51481 (13110517)		
3768415.1	9.76032 (13110517)	9.90842 (13110517)	10.06450 (13110517)
10.22335 (13110517)	10.39086 (13110517)		
3768395.1	9.62137 (13110517)	9.78345 (16032302)	9.95781 (16032302)
10.12658 (12022707)	10.33049 (12022707)		
3768375.1	9.61648 (12022707)	9.79198 (12022707)	9.97460 (16092522)
10.18424 (16092522)	10.40565 (16092522)		
3768355.1	9.68201 (16092522)	9.88713 (16092522)	10.11052 (16092522)
10.31070 (16092522)	10.52922 (16092522)		
3768335.1	9.76325 (16092522)	9.96489 (16092522)	10.17744 (16092522)
10.37983 (16092522)	10.57834 (16092522)		
3768315.1	9.79971 (16092522)	9.98916 (16092522)	10.19564 (16092522)
10.38401 (16092522)	10.56746 (16092522)		
3768295.1	9.78494 (16092522)	9.95341 (16092522)	10.14466 (16092522)
10.31678 (16092522)	10.49026 (16092522)		
3768275.1	9.70644 (16092522)	9.86584 (16092522)	10.04012 (16092522)
10.18732 (16092522)	10.34176 (16092522)		
3768255.1	9.57964 (16092522)	9.71502 (16092522)	9.87950 (13111317)
10.04926 (13111317)	10.22793 (13111317)		
3768235.1	9.47227 (13111317)	9.63883 (13111317)	9.80618 (13111317)
9.95815 (13111317)	10.11788 (13111317)		
3768215.1	9.39422 (13111317)	9.53635 (13111317)	9.68567 (13111317)
9.83665 (13112508)	10.04154 (13112508)		
3768195.1	9.31199 (13112508)	9.50352 (13112508)	9.69616 (13112508)
9.87691 (13112508)	10.07050 (13112508)		
3768175.1	9.34548 (13112508)	9.51489 (13112508)	9.69013 (13112508)
9.85217 (13112508)	10.01929 (13112508)		
3768155.1	9.32055 (13112508)	9.47206 (13112508)	9.62204 (13112508)
9.77010 (13112508)	9.91581 (13112508)		
3768135.1	9.25021 (13112508)	9.37661 (13112508)	9.51257 (13112508)
9.63942 (13112508)	9.75630 (13112508)		
3768115.1	9.13050 (13112508)	9.24302 (13112508)	9.35808 (13112508)
9.47843 (15012617)	9.60052 (15012617)		
3768095.1	8.98184 (15012617)	9.09984 (15012617)	9.22018 (15012617)
9.33674 (15012617)	9.43679 (15012617)		

3768075.1	8.84965 (15012617)	8.95345 (15012617)	9.09343 (15101024)
9.27600 (15101024)	9.44883 (15031522)		
3768055.1	8.76525 (15101024)	8.92807 (15101024)	9.10127 (15031522)
9.28831 (15031522)	9.46622 (15031522)		
3768035.1	8.76677 (15031522)	8.93917 (15031522)	9.10262 (15031522)
9.27029 (13012117)	9.45785 (13012117)		
3768015.1	8.76045 (15031522)	8.92429 (13012117)	9.09749 (13012117)
9.27463 (13012117)	9.44842 (13012117)		
3767995.1	8.76510 (13012117)	8.92240 (13012117)	9.08284 (13012117)
9.23234 (13012117)	9.38401 (13012117)		
3767975.1	8.75248 (13012117)	8.89064 (13012117)	9.03076 (13012117)
9.15193 (13012117)	9.27375 (13012117)		
3767955.1	8.70526 (13012117)	8.83664 (13012117)	8.95607 (13012117)
9.04212 (13012117)	9.15710 (14121616)		
3767935.1	8.61213 (13012117)	8.72925 (13012117)	8.84528 (14121616)
8.94599 (14121616)	9.03828 (14121616)		
3767915.1	8.51014 (14121616)	8.63101 (14121616)	8.74040 (14121616)
8.81328 (14121616)	8.92467 (12011218)		
3767895.1	8.40499 (14121616)	8.50402 (14121616)	8.64576 (12011218)
8.75485 (12011218)	8.86880 (12011218)		
3767875.1	8.31077 (12011218)	8.45499 (12011218)	8.58116 (12011218)
8.68401 (12110422)	8.80710 (12110422)		
3767855.1	8.25653 (12011218)	8.37482 (12110422)	8.52547 (12110422)
8.62828 (12110422)	8.72237 (12110422)		
3767835.1	8.19447 (12110422)	8.32441 (12110422)	8.44762 (12110422)
8.55555 (15072001)	8.66575 (15072001)		
3767815.1	8.12994 (12110422)	8.24814 (15072001)	8.38658 (15072001)
8.48967 (15072001)	8.59887 (12020617)		
3767795.1	8.07519 (15072001)	8.18978 (15072001)	8.31841 (12020617)
8.43791 (12020617)	8.54187 (12020617)		
3767775.1	8.00454 (12020617)	8.13150 (12020617)	8.25080 (12020617)
8.34881 (12020617)	8.43701 (12020617)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 145

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP:    ALL                      INCLUDING SOURCE(S):            L0000001            , L0000002  
 , L0000003            , L0000004            , L0000005            ,  
                                          L0000006            , L0000007            , L0000008            , L0000009            , L0000010  
 , L0000011            , L0000012            , L0000013            ,  
                                          L0000014            , L0000015            , L0000016            , L0000017            , L0000018  
 , L0000019            , L0000020            , L0000021            ,  
                                          L0000022            , L0000023            , L0000024            , L0000025            , L0000026  
 , L0000027            , L0000028            , . . .            ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434162.46	434182.46	434202.46
	434222.46	434242.46	

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-----
3767755.1 |      7.95161 (12020617)      8.05868 (12020617)      8.15100 (12020617)
      8.24939 (16012517)      8.39226 (16012517)
3767735.1 |      7.87428 (12020617)      7.95540 (12020617)      8.08718 (16012517)
      8.21759 (16012517)      8.34519 (16012517)
3767715.1 |      7.79871 (16012517)      7.92570 (16012517)      8.05038 (16012517)
      8.16000 (16012517)      8.26579 (16012517)
3767695.1 |      7.76528 (16012517)      7.87292 (16012517)      7.97730 (16012517)
      8.07188 (16012517)      8.14967 (16012517)
3767675.1 |      7.70344 (16012517)      7.79155 (16012517)      7.88139 (16012517)
      7.95497 (16012517)      8.04103 (15101101)
3767655.1 |      7.62011 (16012517)      7.68880 (16012517)      7.77252 (15101101)
      7.85938 (15101101)      7.93028 (15101101)
3767635.1 |      7.51181 (15101101)      7.59474 (15101101)      7.67661 (15101101)
      7.74301 (15101101)      7.84959 (16092004)
3767615.1 |      7.42928 (15101101)      7.49322 (15101101)      7.57416 (16092004)
      7.68530 (16092004)      7.78588 (16092004)
3767595.1 |      7.32266 (15101101)      7.41806 (16092004)      7.52430 (16092004)
      7.62027 (16092004)      7.70050 (16092004)
3767575.1 |      7.27757 (16092004)      7.36659 (16092004)      7.45390 (16092004)
      7.52583 (16092004)      7.59577 (15101222)
3767555.1 |      7.22053 (16092004)      7.29563 (16092004)      7.35987 (16092004)
      7.46528 (15101222)      7.61348 (15101222)

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^ *** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv *** 09/22/21
*** AERMET - VERSION 16216 *** ***
*** 10:46:33

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PAGE 146

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

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018

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, L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434262.46	434282.46	434302.46
	434322.46	434342.46	

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3768555.1	11.45642 (14020117)	11.67976 (14020117)	11.90382 (14020117)
12.14134 (14020117)	12.38648 (14020117)		
3768535.1	11.38323 (14020117)	11.61051 (14020117)	11.83214 (14020117)
12.05404 (14020117)	12.28918 (14020117)		
3768515.1	11.22943 (14020117)	11.44544 (14020117)	11.66129 (14020117)
11.87053 (14020117)	12.09219 (14020117)		
3768495.1	10.99258 (14020117)	11.20074 (14020117)	11.40183 (14020117)
11.60185 (14020117)	11.80709 (14020117)		
3768475.1	10.80166 (13110517)	11.03789 (13110517)	11.26920 (13110517)
11.50712 (13110517)	11.74582 (13110517)		
3768455.1	10.79054 (13110517)	11.01683 (13110517)	11.23703 (13110517)
11.46299 (13110517)	11.68860 (13110517)		
3768435.1	10.70567 (13110517)	10.90701 (13110517)	11.11304 (13110517)
11.32387 (13110517)	11.53957 (13110517)		
3768415.1	10.57352 (13110517)	10.75986 (13110517)	10.98191 (16032302)
11.20305 (16032302)	11.43884 (16032302)		
3768395.1	10.53901 (12022707)	10.75922 (12022707)	10.98478 (16092522)
11.25501 (16092522)	11.52451 (16092522)		
3768375.1	10.63957 (16092522)	10.87904 (16092522)	11.12413 (16092522)
11.37489 (16092522)	11.63135 (16092522)		
3768355.1	10.74471 (16092522)	10.97203 (16092522)	11.20384 (16092522)
11.44011 (16092522)	11.68079 (16092522)		
3768335.1	10.78748 (16092522)	11.00000 (16092522)	11.20779 (16092522)
11.43475 (16092522)	11.65676 (16092522)		
3768315.1	10.76043 (16092522)	10.95559 (16092522)	11.14482 (16092522)
11.34366 (16092522)	11.54412 (16092522)		
3768295.1	10.65741 (16092522)	10.83290 (16092522)	10.99336 (16092522)
11.16977 (16092522)	11.34641 (16092522)		
3768275.1	10.49626 (16092522)	10.65807 (13111317)	10.85013 (13111317)
11.04307 (13111317)	11.23659 (13111317)		
3768255.1	10.40745 (13111317)	10.58756 (13111317)	10.75913 (13111317)
10.93025 (13111317)	11.10055 (13111317)		
3768235.1	10.26892 (13111317)	10.42750 (13111317)	10.65395 (13112508)
10.88311 (13112508)	11.11343 (13112508)		

3768215.1	10.25422 (13112508)	10.46804 (13112508)	10.68264 (13112508)
10.89037 (13112508)	11.09761 (13112508)		
3768195.1	10.26420 (13112508)	10.45761 (13112508)	10.65029 (13112508)
10.83455 (13112508)	11.02412 (13112508)		
3768175.1	10.19159 (13112508)	10.36220 (13112508)	10.52358 (13112508)
10.68914 (13112508)	10.85142 (13112508)		
3768155.1	10.05870 (13112508)	10.19828 (13112508)	10.33403 (13112508)
10.47258 (13112508)	10.61578 (15012617)		
3768135.1	9.87558 (13112508)	10.00994 (15012617)	10.14965 (15012617)
10.28489 (15012617)	10.41506 (15012617)		
3768115.1	9.72474 (15012617)	9.85750 (15012617)	9.99554 (15101024)
10.19232 (15101024)	10.39218 (15031522)		
3768095.1	9.62277 (15101024)	9.82523 (15101024)	10.03815 (15031522)
10.23364 (15031522)	10.42538 (15031522)		
3768075.1	9.65187 (15031522)	9.87543 (15031522)	10.06708 (15031522)
10.24293 (13012117)	10.43633 (13012117)		
3768055.1	9.64838 (15031522)	9.87170 (13012117)	10.07312 (13012117)
10.24697 (13012117)	10.41485 (13012117)		
3768035.1	9.64976 (13012117)	9.84591 (13012117)	10.02288 (13012117)
10.17865 (13012117)	10.32742 (13012117)		
3768015.1	9.61818 (13012117)	9.79068 (13012117)	9.93491 (13012117)
10.07202 (13012117)	10.20922 (13012117)		
3767995.1	9.53762 (13012117)	9.68543 (13012117)	9.80390 (13012117)
9.92567 (14121616)	10.07094 (14121616)		
3767975.1	9.40314 (13012117)	9.54193 (14121616)	9.67623 (14121616)
9.80182 (14121616)	9.92345 (14121616)		
3767955.1	9.27569 (14121616)	9.40190 (14121616)	9.50864 (14121616)
9.65688 (12011218)	9.82609 (12011218)		
3767935.1	9.13179 (14121616)	9.26820 (12011218)	9.41928 (12011218)
9.56964 (12011218)	9.72910 (12110422)		
3767915.1	9.06659 (12011218)	9.20104 (12011218)	9.33987 (12110422)
9.49292 (12110422)	9.64526 (12110422)		
3767895.1	8.99071 (12110422)	9.13538 (12110422)	9.27183 (12110422)
9.40512 (15072001)	9.56801 (15072001)		
3767875.1	8.92195 (12110422)	9.05013 (12110422)	9.19870 (15072001)
9.33813 (15072001)	9.48621 (12020617)		
3767855.1	8.85239 (15072001)	8.99154 (15072001)	9.11777 (12020617)
9.26846 (12020617)	9.41665 (12020617)		
3767835.1	8.77838 (15072001)	8.91640 (12020617)	9.05874 (12020617)
9.18372 (12020617)	9.30486 (12020617)		
3767815.1	8.72226 (12020617)	8.84294 (12020617)	8.96036 (12020617)
9.07652 (16012517)	9.25013 (16012517)		
3767795.1	8.64253 (12020617)	8.73939 (12020617)	8.89212 (16012517)
9.04331 (16012517)	9.19075 (16012517)		
3767775.1	8.56149 (16012517)	8.70851 (16012517)	8.84555 (16012517)
8.97150 (16012517)	9.08522 (16012517)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*

\*\*\*                      10:46:33

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434262.46	434282.46	434302.46
	434322.46	434342.46	

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-----
3767755.1 |      8.52608 (16012517)      8.64985 (16012517)      8.76251 (16012517)
      8.86302 (16012517)      8.94327 (16012517)
3767735.1 |      8.45651 (16012517)      8.56333 (16012517)      8.65835 (16012517)
      8.73717 (15101101)      8.83353 (15101101)
3767715.1 |      8.35447 (16012517)      8.43772 (16012517)      8.53835 (15101101)
      8.62848 (15101101)      8.69928 (15101101)
3767695.1 |      8.23117 (15101101)      8.32766 (15101101)      8.41176 (15101101)
      8.51571 (16092004)      8.64202 (16092004)
3767675.1 |      8.12173 (15101101)      8.19519 (15101101)      8.32466 (16092004)
      8.44967 (16092004)      8.55113 (16092004)
3767655.1 |      8.01713 (16092004)      8.13779 (16092004)      8.25161 (16092004)
      8.35265 (16092004)      8.43464 (16092004)
3767635.1 |      7.95988 (16092004)      8.05847 (16092004)      8.14931 (16092004)
      8.23020 (13110617)      8.41533 (15101222)
3767615.1 |      7.87493 (16092004)      7.95635 (16092004)      8.06929 (15101222)
      8.24313 (15101222)      8.40566 (15101222)
3767595.1 |      7.76857 (16092004)      7.90668 (15101222)      8.06959 (15101222)
      8.22130 (15101222)      8.36048 (15101222)
3767575.1 |      7.75849 (15101222)      7.90596 (15101222)      8.04765 (15101222)
      8.17136 (15101222)      8.28704 (15101222)
3767555.1 |      7.75166 (15101222)      7.87868 (15101222)      7.99886 (15101222)
      8.10019 (15101222)      8.19259 (15101222)

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Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 148

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434362.46	434382.46	434402.46
	434422.46	434442.46	

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 -----  
 3768555.1 | 12.63958 (14020117) 12.90099 (14020117) 13.17109 (14020117)  
 13.44303 (14020117) 13.71652 (14020117)  
 3768535.1 | 12.53157 (14020117) 12.78151 (14020117) 13.03930 (14020117)  
 13.29079 (14020117) 13.53464 (14020117)  
 3768515.1 | 12.32021 (14020117) 12.55485 (14020117) 12.78931 (14020117)  
 13.02324 (14020117) 13.24838 (14020117)  
 3768495.1 | 12.01106 (14020117) 12.22709 (14020117) 12.48906 (13110517)  
 12.74955 (13110517) 13.01042 (13110517)  
 3768475.1 | 11.99132 (13110517) 12.24385 (13110517) 12.49707 (13110517)  
 12.75061 (13110517) 12.98946 (13110517)  
 3768455.1 | 11.92643 (13110517) 12.16395 (13110517) 12.40084 (13110517)  
 12.63665 (13110517) 12.86336 (13110517)  
 3768435.1 | 11.76023 (13110517) 11.98593 (13110517) 12.22439 (16032302)  
 12.47049 (16032302) 12.71134 (16032302)  
 3768415.1 | 11.69216 (12022707) 11.94701 (12022707) 12.22246 (16092522)  
 12.51752 (16092522) 12.82030 (16092522)  
 3768395.1 | 11.80105 (16092522) 12.09331 (16092522) 12.38450 (16092522)  
 12.67396 (16092522) 12.95130 (16092522)  
 3768375.1 | 11.89356 (16092522) 12.16152 (16092522) 12.43523 (16092522)  
 12.71466 (16092522) 12.98046 (16092522)

3768355.1	11.92582 (16092522)	12.18396 (16092522)	12.41940 (16092522)
12.67660 (16092522)	12.91822 (16092522)		
3768335.1	11.87302 (16092522)	12.10925 (16092522)	12.32115 (16092522)
12.54366 (16092522)	12.75792 (16092522)		
3768315.1	11.72882 (16092522)	11.94021 (16092522)	12.12577 (16092522)
12.32017 (16092522)	12.53306 (13111317)		
3768295.1	11.53618 (13111317)	11.76466 (13111317)	11.97431 (13111317)
12.19471 (13111317)	12.41548 (13111317)		
3768275.1	11.43037 (13111317)	11.63396 (13111317)	11.81713 (13111317)
12.01688 (13112508)	12.30205 (13112508)		
3768255.1	11.30834 (13112508)	11.56364 (13112508)	11.81251 (13112508)
12.07040 (13112508)	12.32891 (13112508)		
3768235.1	11.34449 (13112508)	11.58368 (13112508)	11.80683 (13112508)
12.03698 (13112508)	12.26561 (13112508)		
3768215.1	11.31150 (13112508)	11.52424 (13112508)	11.72717 (13112508)
11.92725 (13112508)	12.11521 (13112508)		
3768195.1	11.21138 (13112508)	11.38797 (13112508)	11.56855 (13112508)
11.73668 (13112508)	11.88259 (13112508)		
3768175.1	11.00226 (13112508)	11.15594 (13112508)	11.32479 (15012617)
11.49421 (15012617)	11.64980 (15012617)		
3768155.1	10.77625 (15012617)	10.92450 (15012617)	11.08237 (15012617)
11.31633 (15101024)	11.57425 (15031522)		
3768135.1	10.60645 (15101024)	10.83921 (15101024)	11.12175 (15031522)
11.38078 (15031522)	11.62784 (15031522)		
3768115.1	10.62121 (15031522)	10.87375 (15031522)	11.12435 (15031522)
11.37924 (13012117)	11.63496 (13012117)		
3768095.1	10.62101 (15031522)	10.88272 (13012117)	11.13392 (13012117)
11.36314 (13012117)	11.57720 (13012117)		
3768075.1	10.63303 (13012117)	10.86787 (13012117)	11.08958 (13012117)
11.29645 (13012117)	11.46774 (13012117)		
3768055.1	10.59281 (13012117)	10.78997 (13012117)	10.98057 (13012117)
11.15444 (13012117)	11.30052 (13012117)		
3768035.1	10.48506 (13012117)	10.65182 (13012117)	10.81027 (13012117)
10.97301 (14121616)	11.12744 (14121616)		
3768015.1	10.33790 (13012117)	10.49971 (14121616)	10.65368 (14121616)
10.79683 (14121616)	10.97597 (12011218)		
3767995.1	10.21285 (14121616)	10.35068 (14121616)	10.52082 (12011218)
10.70704 (12011218)	10.89185 (12011218)		
3767975.1	10.09679 (12011218)	10.28664 (12011218)	10.45164 (12011218)
10.64063 (12110422)	10.83579 (12110422)		
3767955.1	9.99474 (12011218)	10.16375 (12110422)	10.32812 (12110422)
10.49998 (12110422)	10.67738 (15072001)		
3767935.1	9.90016 (12110422)	10.04453 (12110422)	10.20370 (15072001)
10.37710 (15072001)	10.54804 (12020617)		
3767915.1	9.79786 (15072001)	9.96251 (15072001)	10.10888 (15072001)
10.28253 (12020617)	10.46297 (12020617)		
3767895.1	9.72119 (15072001)	9.87129 (12020617)	10.03555 (12020617)
10.18755 (12020617)	10.33466 (12020617)		
3767875.1	9.65151 (12020617)	9.78984 (12020617)	9.92368 (12020617)
10.06255 (16012517)	10.26698 (16012517)		



3767855.1	9.54609 (12020617)	9.66305 (12020617)	9.84202 (16012517)
10.01916 (16012517)	10.18279 (16012517)		
3767835.1	9.45113 (16012517)	9.61510 (16012517)	9.77455 (16012517)
9.92859 (16012517)	10.05958 (16012517)		
3767815.1	9.40566 (16012517)	9.54126 (16012517)	9.67081 (16012517)
9.78543 (16012517)	9.88832 (15101101)		
3767795.1	9.31881 (16012517)	9.42578 (16012517)	9.52541 (16012517)
9.63824 (15101101)	9.75093 (15101101)		
3767775.1	9.18555 (16012517)	9.27353 (15101101)	9.38747 (15101101)
9.48563 (15101101)	9.61408 (16092004)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                    09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                          \*\*\*                    10:46:33

PAGE 149

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                    \*\*\*  
                                          INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                          L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                          L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                          L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434362.46	434382.46	434402.46
434422.46	434442.46		

3767755.1	9.04838 (15101101)	9.14275 (15101101)	9.22750 (15101101)
9.38410 (16092004)	9.52587 (16092004)		
3767735.1	8.91561 (15101101)	9.02243 (16092004)	9.15964 (16092004)
9.28747 (16092004)	9.40481 (16092004)		
3767715.1	8.82761 (16092004)	8.95773 (16092004)	9.06139 (16092004)
9.16013 (16092004)	9.33367 (15101222)		
3767695.1	8.75470 (16092004)	8.85251 (16092004)	8.92855 (16092004)
9.13056 (15101222)	9.32880 (15101222)		
3767675.1	8.64343 (16092004)	8.75383 (15101222)	8.93276 (15101222)

9.12409 (15101222)	9.29398 (15101222)		
3767655.1   8.57963 (15101222)	8.75903 (15101222)	8.91860 (15101222)	
9.08262 (15101222)	9.22383 (15101222)		
3767635.1   8.58315 (15101222)	8.73775 (15101222)	8.87123 (15101222)	
9.00118 (15101222)	9.12023 (15101222)		
3767615.1   8.54941 (15101222)	8.67872 (15101222)	8.79216 (15101222)	
8.89474 (15101222)	8.97889 (15101222)		
3767595.1   8.48578 (15101222)	8.58977 (15101222)	8.67702 (15101222)	
8.75254 (15101222)	8.84680 (16102317)		
3767575.1   8.38791 (15101222)	8.47871 (15101222)	8.54035 (15101222)	
8.64691 (16102317)	8.76204 (16102317)		
3767555.1   8.26944 (15101222)	8.33550 (15101222)	8.44109 (16102317)	
8.55418 (16102317)	8.64262 (16102317)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 150

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434462.46	434482.46	434502.46
	434522.46	434542.46	

3768555.1	13.99900 (14020117)	14.29901 (14020117)	14.60943 (14020117)
14.93074 (14020117)	15.26348 (14020117)		
3768535.1	13.78503 (14020117)	14.07585 (14020117)	14.36775 (14020117)
14.66919 (14020117)	14.97140 (14020117)		
3768515.1	13.47077 (14020117)	13.74012 (14020117)	14.00907 (14020117)
14.27710 (14020117)	14.56201 (14020117)		

3768495.1	13.26320 (13110517)	13.56100 (13110517)	13.86817 (13110517)
14.18506 (13110517)	14.51203 (13110517)		
3768475.1	13.23324 (13110517)	13.50610 (13110517)	13.79457 (13110517)
14.08261 (13110517)	14.38725 (13110517)		
3768455.1	13.08667 (13110517)	13.34590 (13110517)	13.60310 (13110517)
13.86608 (13110517)	14.16424 (16032302)		
3768435.1	12.96375 (12022707)	13.25082 (12022707)	13.55822 (16092522)
13.90974 (16092522)	14.26009 (16092522)		
3768415.1	13.11153 (16092522)	13.41909 (16092522)	13.74434 (16092522)
14.06650 (16092522)	14.40728 (16092522)		
3768395.1	13.23401 (16092522)	13.52198 (16092522)	13.81508 (16092522)
14.11317 (16092522)	14.42780 (16092522)		
3768375.1	13.24049 (16092522)	13.51435 (16092522)	13.78122 (16092522)
14.05089 (16092522)	14.34652 (16092522)		
3768355.1	13.15216 (16092522)	13.39795 (16092522)	13.64550 (16092522)
13.89441 (16092522)	14.14423 (16092522)		
3768335.1	12.96265 (16092522)	13.18756 (16092522)	13.41275 (16092522)
13.66035 (13111317)	13.93517 (13111317)		
3768315.1	12.77181 (13111317)	13.01131 (13111317)	13.27527 (13111317)
13.51551 (13111317)	13.76773 (13111317)		
3768295.1	12.61362 (13111317)	12.83301 (13111317)	13.13372 (13112508)
13.44753 (13112508)	13.77335 (13112508)		
3768275.1	12.58062 (13112508)	12.86956 (13112508)	13.15962 (13112508)
13.45009 (13112508)	13.72992 (13112508)		
3768255.1	12.56951 (13112508)	12.82677 (13112508)	13.08258 (13112508)
13.32621 (13112508)	13.56596 (13112508)		
3768235.1	12.47416 (13112508)	12.68776 (13112508)	12.90641 (13112508)
13.10061 (13112508)	13.29790 (13112508)		
3768215.1	12.28950 (13112508)	12.46663 (13112508)	12.63710 (13112508)
12.82399 (15012617)	13.01952 (15012617)		
3768195.1	12.05601 (15012617)	12.22527 (15012617)	12.39600 (15012617)
12.62559 (15101024)	12.92235 (15031522)		
3768175.1	11.82636 (15101024)	12.08663 (15031522)	12.37694 (15031522)
12.66417 (15031522)	12.94704 (15031522)		
3768155.1	11.84763 (15031522)	12.11820 (15031522)	12.38484 (15031522)
12.67807 (13012117)	12.97941 (13012117)		
3768135.1	11.87368 (13012117)	12.15336 (13012117)	12.43917 (13012117)
12.70914 (13012117)	12.96078 (13012117)		
3768115.1	11.87637 (13012117)	12.12160 (13012117)	12.35980 (13012117)
12.60031 (13012117)	12.82041 (13012117)		
3768095.1	11.78386 (13012117)	11.98185 (13012117)	12.19059 (13012117)
12.38897 (13012117)	12.57547 (13012117)		
3768075.1	11.62905 (13012117)	11.78909 (13012117)	11.98185 (14121616)
12.18862 (14121616)	12.37456 (14121616)		
3768055.1	11.44135 (14121616)	11.60923 (14121616)	11.78591 (14121616)
12.01335 (12011218)	12.25567 (12011218)		
3768035.1	11.26278 (14121616)	11.44679 (12011218)	11.68034 (12011218)
11.89474 (12110422)	12.14454 (12110422)		
3768015.1	11.16672 (12011218)	11.35532 (12011218)	11.58410 (12110422)
11.80534 (12110422)	12.00205 (12110422)		

3767995.1	11.09539 (12110422)	11.29277 (12110422)	11.48798 (12110422)
11.68589 (15072001)	11.88311 (15072001)		
3767975.1	11.01986 (12110422)	11.19583 (15072001)	11.39977 (15072001)
11.61101 (12020617)	11.82657 (12020617)		
3767955.1	10.86924 (15072001)	11.06880 (12020617)	11.27289 (12020617)
11.46218 (12020617)	11.64509 (12020617)		
3767935.1	10.75025 (12020617)	10.93964 (12020617)	11.10474 (12020617)
11.28320 (16012517)	11.52821 (16012517)		
3767915.1	10.63030 (12020617)	10.78292 (12020617)	10.99556 (16012517)
11.21589 (16012517)	11.41989 (16012517)		
3767895.1	10.50866 (16012517)	10.72081 (16012517)	10.91848 (16012517)
11.09970 (16012517)	11.26247 (16012517)		
3767875.1	10.44972 (16012517)	10.62638 (16012517)	10.78657 (16012517)
10.91906 (16012517)	11.05663 (15101101)		
3767855.1	10.33997 (16012517)	10.48077 (16012517)	10.59448 (16012517)
10.74284 (15101101)	10.87588 (15101101)		
3767835.1	10.17401 (16012517)	10.30306 (15101101)	10.43042 (15101101)
10.55320 (16092004)	10.75206 (16092004)		
3767815.1	10.01664 (15101101)	10.13402 (15101101)	10.27406 (16092004)
10.46076 (16092004)	10.62109 (16092004)		
3767795.1	9.84958 (16092004)	10.02258 (16092004)	10.17807 (16092004)
10.32113 (16092004)	10.46626 (15101222)		
3767775.1	9.77089 (16092004)	9.91046 (16092004)	10.03775 (16092004)
10.22264 (15101222)	10.46909 (15101222)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 151

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L000001      , L000002  
 , L000003      , L000004      , L000005      ,  
                                          L000006      , L000007      , L000008      , L000009      , L000010  
 , L000011      , L000012      , L000013      ,  
                                          L000014      , L000015      , L000016      , L000017      , L000018  
 , L000019      , L000020      , L000021      ,  
                                          L000022      , L000023      , L000024      , L000025      , L000026  
 , L000027      , L000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) |            434462.46                            434482.46                            434502.46  
               434522.46                            434542.46

3767755.1	9.65705 (16092004)	9.76348 (16092004)	9.98585 (15101222)
10.21463 (15101222)	10.42539 (15101222)		
3767735.1	9.53504 (15101222)	9.74838 (15101222)	9.96808 (15101222)
10.17044 (15101222)	10.34523 (15101222)		
3767715.1	9.53931 (15101222)	9.72188 (15101222)	9.90878 (15101222)
10.08419 (15101222)	10.22300 (15101222)		
3767695.1	9.51187 (15101222)	9.66339 (15101222)	9.81742 (15101222)
9.95833 (15101222)	10.06162 (15101222)		
3767675.1	9.44713 (15101222)	9.56750 (15101222)	9.68880 (15101222)
9.78832 (15101222)	9.91052 (16102317)		
3767655.1	9.34013 (15101222)	9.43652 (15101222)	9.51856 (15101222)
9.65240 (16102317)	9.79329 (16102317)		
3767635.1	9.20700 (15101222)	9.26625 (15101222)	9.41174 (16102317)
9.54194 (16102317)	9.64963 (16021519)		
3767615.1	9.05373 (16102317)	9.18007 (16102317)	9.30038 (16102317)
9.41515 (16021519)	9.53559 (16021519)		
3767595.1	8.97079 (16102317)	9.07513 (16102317)	9.18266 (16021519)
9.30145 (16021519)	9.39038 (16021519)		
3767575.1	8.85820 (16102317)	8.96577 (16021519)	9.06958 (16021519)
9.15827 (16021519)	9.30504 (16102018)		
3767555.1	8.75689 (16021519)	8.84676 (16021519)	8.92860 (16021519)
9.07866 (16102018)	9.21718 (16102018)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                  \*\*\*            10:46:33

PAGE 152

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL    \*\*\*  
                                  INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

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Y-COORD (METERS)	434562.46	434582.46	X-COORD (METERS) 434602.46
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434622.46	434642.46
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3768555.1	15.61744 (14020117)	15.96546 (14020117)	16.33592 (14020117)
16.70985 (14020117)	17.11906 (14020117)		
3768535.1	15.33049 (14020117)	15.65447 (14020117)	15.98905 (14020117)
16.34516 (14020117)	16.72438 (14020117)		
3768515.1	14.89311 (14020117)	15.26409 (13110517)	15.63777 (13110517)
16.02445 (13110517)	16.44463 (13110517)		
3768495.1	14.89366 (13110517)	15.25249 (13110517)	15.60464 (13110517)
15.97746 (13110517)	16.36237 (13110517)		
3768475.1	14.71871 (13110517)	15.04133 (13110517)	15.36319 (13110517)
15.70368 (13110517)	16.07963 (16032302)		
3768455.1	14.50390 (16032302)	14.84031 (12022707)	15.21314 (16092522)
15.66609 (16092522)	16.16139 (16092522)		
3768435.1	14.63147 (16092522)	14.98854 (16092522)	15.39266 (16092522)
15.83520 (16092522)	16.31894 (16092522)		
3768415.1	14.78005 (16092522)	15.11273 (16092522)	15.50335 (16092522)
15.93050 (16092522)	16.38262 (16092522)		
3768395.1	14.78436 (16092522)	15.11122 (16092522)	15.46914 (16092522)
15.84700 (16092522)	16.25925 (16092522)		
3768375.1	14.68212 (16092522)	14.97375 (16092522)	15.26751 (16092522)
15.58955 (16092522)	15.92804 (16092522)		
3768355.1	14.44221 (16092522)	14.69395 (16092522)	15.00109 (13111317)
15.33641 (13111317)	15.68973 (13111317)		
3768335.1	14.26472 (13111317)	14.54284 (13111317)	14.82067 (13111317)
15.11224 (13111317)	15.54417 (13112508)		
3768315.1	14.08618 (13112508)	14.44260 (13112508)	14.80176 (13112508)
15.17453 (13112508)	15.56126 (13112508)		
3768295.1	14.13259 (13112508)	14.47317 (13112508)	14.79214 (13112508)
15.10929 (13112508)	15.45961 (13112508)		
3768275.1	14.05002 (13112508)	14.34804 (13112508)	14.63221 (13112508)
14.91177 (13112508)	15.19725 (13112508)		
3768255.1	13.83242 (13112508)	14.07310 (13112508)	14.30718 (13112508)
14.52468 (15012617)	14.80063 (15012617)		
3768235.1	13.51883 (13112508)	13.75273 (15012617)	13.97073 (15012617)
14.22523 (15101024)	14.62842 (15031522)		
3768215.1	13.24696 (15012617)	13.55467 (15031522)	13.89389 (15031522)
14.24169 (15031522)	14.63803 (15031522)		
3768195.1	13.27370 (15031522)	13.59962 (15031522)	13.92168 (13012117)
14.27518 (13012117)	14.66303 (13012117)		
3768175.1	13.27612 (13012117)	13.60801 (13012117)	13.92188 (13012117)
14.24054 (13012117)	14.57667 (13012117)		
3768155.1	13.26345 (13012117)	13.53941 (13012117)	13.83045 (13012117)
14.11125 (13012117)	14.37972 (13012117)		

3768135.1	13.19142 (13012117)	13.41015 (13012117)	13.65195 (13012117)
13.89269 (13012117)	14.14515 (14121616)		
3768115.1	13.00623 (13012117)	13.16646 (14121616)	13.41449 (14121616)
13.64726 (14121616)	13.91504 (12011218)		
3768095.1	12.77676 (14121616)	12.94715 (14121616)	13.19332 (12011218)
13.47636 (12011218)	13.74819 (12110422)		
3768075.1	12.58518 (12011218)	12.80277 (12011218)	13.07070 (12110422)
13.35894 (12110422)	13.61833 (12110422)		
3768055.1	12.45933 (12110422)	12.69077 (12110422)	12.95638 (12110422)
13.19493 (15072001)	13.46037 (15072001)		
3768035.1	12.34663 (12110422)	12.54415 (12110422)	12.80141 (15072001)
13.06316 (12020617)	13.33347 (12020617)		
3768015.1	12.21298 (15072001)	12.43648 (12020617)	12.69167 (12020617)
12.92884 (12020617)	13.14537 (12020617)		
3767995.1	12.12062 (12020617)	12.34636 (12020617)	12.55368 (12020617)
12.76211 (16012517)	13.04796 (16012517)		
3767975.1	12.02561 (12020617)	12.20596 (12020617)	12.46345 (16012517)
12.70796 (16012517)	12.94227 (16012517)		
3767955.1	11.85599 (16012517)	12.10145 (16012517)	12.32806 (16012517)
12.53319 (16012517)	12.71412 (16012517)		
3767935.1	11.74677 (16012517)	11.95700 (16012517)	12.13545 (16012517)
12.29004 (16012517)	12.45368 (15101101)		
3767915.1	11.59518 (16012517)	11.75971 (16012517)	11.89891 (15101101)
12.06463 (15101101)	12.23323 (16092004)		
3767895.1	11.39474 (16012517)	11.55332 (15101101)	11.69644 (15101101)
11.89909 (16092004)	12.11229 (16092004)		
3767875.1	11.20946 (15101101)	11.35305 (16092004)	11.56640 (16092004)
11.76474 (16092004)	11.92897 (16092004)		
3767855.1	11.04450 (16092004)	11.24380 (16092004)	11.42855 (16092004)
11.59859 (15101222)	11.90241 (15101222)		
3767835.1	10.92367 (16092004)	11.08820 (16092004)	11.30025 (15101222)
11.58985 (15101222)	11.85742 (15101222)		
3767815.1	10.75987 (16092004)	11.02009 (15101222)	11.27881 (15101222)
11.52455 (15101222)	11.73596 (15101222)		
3767795.1	10.73168 (15101222)	10.97861 (15101222)	11.20424 (15101222)
11.40566 (15101222)	11.58000 (15101222)		
3767775.1	10.69726 (15101222)	10.90452 (15101222)	11.08823 (15101222)
11.24573 (15101222)	11.37440 (15101222)		

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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 153

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,

, L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434562.46	434582.46	434602.46
	434622.46	434642.46	

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3767755.1	10.61569 (15101222)	10.78308 (15101222)	10.92513 (15101222)
11.03946 (15101222)	11.19761 (16102317)		
3767735.1	10.49776 (15101222)	10.61752 (15101222)	10.72716 (15101222)
10.89853 (16102317)	11.06376 (16102317)		
3767715.1	10.33019 (15101222)	10.42455 (16102317)	10.60271 (16102317)
10.75442 (16102317)	10.90537 (16021519)		
3767695.1	10.15432 (16102317)	10.31054 (16102317)	10.44961 (16102317)
10.60738 (16021519)	10.75036 (16021519)		
3767675.1	10.04679 (16102317)	10.16624 (16102317)	10.31393 (16021519)
10.45413 (16021519)	10.59029 (16102018)		
3767655.1	9.89460 (16102317)	10.04095 (16021519)	10.15470 (16021519)
10.30317 (16102018)	10.48768 (16102018)		
3767635.1	9.77170 (16021519)	9.88401 (16021519)	10.02126 (16102018)
10.20229 (16102018)	10.34850 (16102018)		
3767615.1	9.63211 (16021519)	9.77966 (16102018)	9.93658 (16102018)
10.07417 (16102018)	10.18306 (16102018)		
3767595.1	9.53410 (16102018)	9.68902 (16102018)	9.81874 (16102018)
9.92106 (16102018)	9.98668 (16102018)		
3767575.1	9.45155 (16102018)	9.56715 (16102018)	9.66325 (16102018)
9.73827 (16102018)	9.80970 (16022219)		
3767555.1	9.32606 (16102018)	9.40974 (16102018)	9.47323 (16102018)
9.54908 (16022219)	9.72680 (16022219)		

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 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 154

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION



VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434662.46	434682.46	434702.46
434722.46	434742.46		

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3768555.1	17.52202 (14020117)	17.95179 (14020117)	18.39845 (14020117)
18.85024 (14020117)	19.31960 (14020117)		
3768535.1	17.10612 (14020117)	17.50136 (14020117)	17.91068 (14020117)
18.30964 (14020117)	18.71240 (13110517)		
3768515.1	16.87025 (13110517)	17.31152 (13110517)	17.75794 (13110517)
18.22037 (13110517)	18.67444 (13110517)		
3768495.1	16.74928 (13110517)	17.14822 (13110517)	17.57102 (13110517)
17.98351 (13110517)	18.40780 (13110517)		
3768475.1	16.48865 (16032302)	16.91049 (16032302)	17.39146 (16092522)
17.92761 (16092522)	18.48306 (16092522)		
3768455.1	16.64750 (16092522)	17.13617 (16092522)	17.62592 (16092522)
18.16202 (16092522)	18.69982 (16092522)		
3768435.1	16.77610 (16092522)	17.21707 (16092522)	17.68438 (16092522)
18.16378 (16092522)	18.68854 (16092522)		
3768415.1	16.80460 (16092522)	17.20677 (16092522)	17.60042 (16092522)
18.03127 (16092522)	18.50247 (16092522)		
3768395.1	16.63765 (16092522)	17.00696 (16092522)	17.34984 (16092522)
17.70923 (16092522)	18.10248 (16092522)		
3768375.1	16.28339 (16092522)	16.69813 (13111317)	17.08030 (13111317)
17.46457 (13111317)	17.88696 (13111317)		
3768355.1	16.09358 (13111317)	16.48577 (13111317)	16.87665 (13112508)
17.33902 (13112508)	17.83387 (13112508)		
3768335.1	16.01720 (13112508)	16.48477 (13112508)	16.90514 (13112508)
17.31215 (13112508)	17.74604 (13112508)		
3768315.1	15.98703 (13112508)	16.40243 (13112508)	16.76566 (13112508)
17.12433 (13112508)	17.47655 (13112508)		
3768295.1	15.82018 (13112508)	16.16526 (13112508)	16.47929 (13112508)
16.75790 (13112508)	17.05305 (15012617)		

3768275.1		15.51225 (13112508)	15.78978 (15012617)	16.09165 (15012617)
16.35776	(15012617)	16.83228 (15031522)		
3768255.1		15.10415 (15012617)	15.48238 (15031522)	15.93638 (15031522)
16.37286	(15031522)	16.81786 (13012117)		
3768235.1		15.08661 (15031522)	15.48846 (15031522)	15.91894 (13012117)
16.36975	(13012117)	16.81400 (13012117)		
3768215.1		15.09585 (13012117)	15.48540 (13012117)	15.88187 (13012117)
16.26875	(13012117)	16.67546 (13012117)		
3768195.1		15.05941 (13012117)	15.40598 (13012117)	15.74056 (13012117)
16.07579	(13012117)	16.39432 (13012117)		
3768175.1		14.90296 (13012117)	15.18865 (13012117)	15.47252 (13012117)
15.74599	(14121616)	16.05038 (14121616)		
3768155.1		14.62009 (13012117)	14.88436 (14121616)	15.15779 (14121616)
15.47142	(12011218)	15.83959 (12011218)		
3768135.1		14.38338 (14121616)	14.67817 (12011218)	15.00182 (12011218)
15.34253	(12110422)	15.67699 (12110422)		
3768115.1		14.21124 (12011218)	14.51631 (12110422)	14.83894 (12110422)
15.12590	(12110422)	15.43559 (15072001)		
3768095.1		14.03116 (12110422)	14.29534 (12110422)	14.56929 (15072001)
14.87115	(15072001)	15.21356 (12020617)		
3768075.1		13.85924 (15072001)	14.10702 (15072001)	14.41202 (12020617)
14.71415	(12020617)	15.00554 (12020617)		
3768055.1		13.73004 (12020617)	13.96191 (12020617)	14.22371 (12020617)
14.49903	(16012517)	14.86454 (16012517)		
3768035.1		13.57055 (12020617)	13.77031 (12020617)	14.08442 (16012517)
14.40878	(16012517)	14.70635 (16012517)		
3768015.1		13.40404 (16012517)	13.67620 (16012517)	13.96285 (16012517)
14.22251	(16012517)	14.43722 (16012517)		
3767995.1		13.30027 (16012517)	13.54032 (16012517)	13.76582 (16012517)
13.94744	(16012517)	14.14790 (15101101)		
3767975.1		13.15219 (16012517)	13.32222 (16012517)	13.49991 (15101101)
13.68950	(15101101)	13.94025 (16092004)		
3767955.1		12.86812 (16012517)	13.05583 (15101101)	13.23488 (16092004)
13.50236	(16092004)	13.73795 (16092004)		
3767935.1		12.60821 (15101101)	12.84230 (16092004)	13.08014 (16092004)
13.27682	(16092004)	13.58738 (15101222)		
3767915.1		12.45335 (16092004)	12.67319 (16092004)	12.85356 (16092004)
13.21193	(15101222)	13.54423 (15101222)		
3767895.1		12.28112 (16092004)	12.51834 (15101222)	12.84970 (15101222)
13.15355	(15101222)	13.42549 (15101222)		
3767875.1		12.17522 (15101222)	12.48980 (15101222)	12.76721 (15101222)
13.01355	(15101222)	13.23616 (15101222)		
3767855.1		12.14312 (15101222)	12.40662 (15101222)	12.62986 (15101222)
12.81920	(15101222)	12.97098 (15101222)		
3767835.1		12.05990 (15101222)	12.26199 (15101222)	12.43140 (15101222)
12.57542	(15101222)	12.75738 (16102317)		
3767815.1		11.90917 (15101222)	12.07036 (15101222)	12.18729 (15101222)
12.39450	(16102317)	12.57826 (16102317)		
3767795.1		11.71485 (15101222)	11.84513 (16102317)	12.04737 (16102317)
12.21472	(16102317)	12.39087 (16021519)		

3767775.1 | 11.50944 (16102317) 11.70492 (16102317) 11.86742 (16102317)  
 12.04003 (16021519) 12.17855 (16021519)  
 \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 155

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	X-COORD (METERS)
434722.46	434662.46
	434682.46
	434742.46

-----  
 3767755.1 | 11.36757 (16102317) 11.52352 (16021519) 11.69514 (16021519)  
 11.83123 (16021519) 12.03875 (16102018)  
 3767735.1 | 11.20766 (16021519) 11.37526 (16021519) 11.49974 (16021519)  
 11.71727 (16102018) 11.89902 (16102018)  
 3767715.1 | 11.05122 (16021519) 11.17988 (16102018) 11.40125 (16102018)  
 11.57158 (16102018) 11.70441 (16102018)  
 3767695.1 | 10.86628 (16102018) 11.08258 (16102018) 11.25048 (16102018)  
 11.38310 (16102018) 11.46862 (16102018)  
 3767675.1 | 10.77032 (16102018) 10.94398 (16102018) 11.06803 (16102018)  
 11.14729 (16102018) 11.22880 (16022219)  
 3767655.1 | 10.62754 (16102018) 10.75928 (16102018) 10.84078 (16102018)  
 10.92002 (16022219) 11.12053 (16022219)  
 3767635.1 | 10.44914 (16102018) 10.54816 (16102018) 10.61699 (16022219)  
 10.81754 (16022219) 10.97462 (16022219)  
 3767615.1 | 10.24596 (16102018) 10.34379 (16022219) 10.52822 (16022219)  
 10.67936 (16022219) 10.80272 (16022219)  
 3767595.1 | 10.05155 (16022219) 10.25172 (16022219) 10.40530 (16022219)

10.51656 (16022219)      10.64782 (15090922)  
 3767575.1 |      9.97967 (16022219)      10.13521 (16022219)      10.25082 (16022219)  
 10.36702 (15090922)      10.46979 (15090922)  
 3767555.1 |      9.86179 (16022219)      9.98106 (16022219)      10.09835 (15090922)  
 10.19931 (15090922)      10.26338 (15090922)

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 156

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		434762.46	434782.46	434802.46
		434822.46	434842.46	

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 -----  
 3768555.1 |      19.82138 (14020117)      20.34389 (14020117)      20.88826 (14020117)  
                  21.45568 (14020117)      22.06387 (14020117)  
 3768535.1 |      19.25431 (13110517)      19.81914 (13110517)      20.40809 (13110517)  
                  21.02244 (13110517)      21.70958 (13110517)  
 3768515.1 |      19.15626 (13110517)      19.69645 (13110517)      20.24326 (13110517)  
                  20.81079 (13110517)      21.44679 (13110517)  
 3768495.1 |      18.85749 (13110517)      19.37407 (16032302)      19.96823 (16092522)  
                  20.66543 (16092522)      21.43177 (16092522)  
 3768475.1 |      19.07509 (16092522)      19.68919 (16092522)      20.32602 (16092522)  
                  20.92788 (16092522)      21.64981 (16092522)  
 3768455.1 |      19.25453 (16092522)      19.84411 (16092522)      20.41522 (16092522)  
                  20.96213 (16092522)      21.62374 (16092522)  
 3768435.1 |      19.21038 (16092522)      19.76296 (16092522)      20.29237 (16092522)  
                  20.77368 (16092522)      21.36167 (16092522)

3768415.1	18.94824 (16092522)	19.43537 (16092522)	19.89311 (16092522)
20.32094 (13111317)	20.93448 (13111317)		
3768395.1	18.58482 (13111317)	19.08049 (13111317)	19.58240 (13111317)
20.06754 (13111317)	20.65188 (13112508)		
3768375.1	18.27507 (13112508)	18.88875 (13112508)	19.51450 (13112508)
20.10064 (13112508)	20.67418 (13112508)		
3768355.1	18.31806 (13112508)	18.83569 (13112508)	19.38848 (13112508)
19.89318 (13112508)	20.35898 (13112508)		
3768335.1	18.14798 (13112508)	18.59132 (13112508)	19.04625 (13112508)
19.46144 (13112508)	19.79487 (13112508)		
3768315.1	17.79029 (13112508)	18.15322 (13112508)	18.54566 (15012617)
18.93388 (15012617)	19.45404 (15031522)		
3768295.1	17.35059 (15012617)	17.77624 (15031522)	18.38484 (15031522)
18.95735 (15031522)	19.50534 (13012117)		
3768275.1	17.29061 (15031522)	17.82836 (15031522)	18.42504 (13012117)
19.00939 (13012117)	19.48722 (13012117)		
3768255.1	17.30579 (13012117)	17.83934 (13012117)	18.38464 (13012117)
18.86451 (13012117)	19.24820 (13012117)		
3768235.1	17.24877 (13012117)	17.70574 (13012117)	18.16676 (13012117)
18.55536 (13012117)	18.84199 (13012117)		
3768215.1	17.01885 (13012117)	17.41098 (13012117)	17.78345 (13012117)
18.11035 (14121616)	18.46346 (12011218)		
3768195.1	16.66041 (13012117)	17.01036 (14121616)	17.43184 (12011218)
17.86263 (12011218)	18.27925 (12110422)		
3768175.1	16.35624 (12011218)	16.77613 (12011218)	17.23323 (12110422)
17.67126 (12110422)	18.02186 (12110422)		
3768155.1	16.18143 (12110422)	16.57978 (12110422)	16.97270 (12110422)
17.36467 (15072001)	17.82166 (12020617)		
3768135.1	15.97096 (12110422)	16.34613 (15072001)	16.77905 (12020617)
17.19857 (12020617)	17.58607 (12020617)		
3768115.1	15.76859 (12020617)	16.17409 (12020617)	16.55291 (12020617)
16.90890 (16012517)	17.37538 (16012517)		
3768095.1	15.56647 (12020617)	15.89179 (12020617)	16.31963 (16012517)
16.74496 (16012517)	17.10001 (16012517)		
3768075.1	15.34450 (16012517)	15.76176 (16012517)	16.13404 (16012517)
16.47130 (16012517)	16.71584 (16012517)		
3768055.1	15.20375 (16012517)	15.52763 (16012517)	15.83259 (16012517)
16.07149 (15101101)	16.31736 (15101101)		
3768035.1	14.94318 (16012517)	15.20406 (16012517)	15.46755 (15101101)
15.74753 (16092004)	16.05425 (16092004)		
3768015.1	14.63337 (15101101)	14.87643 (15101101)	15.21767 (16092004)
15.52094 (16092004)	15.77688 (15101222)		
3767995.1	14.34980 (16092004)	14.67400 (16092004)	14.97338 (16092004)
15.35580 (15101222)	15.72545 (15101222)		
3767975.1	14.17503 (16092004)	14.42712 (16092004)	14.86741 (15101222)
15.28293 (15101222)	15.58618 (15101222)		
3767955.1	13.96403 (15101222)	14.38645 (15101222)	14.78999 (15101222)
15.12868 (15101222)	15.35147 (15101222)		
3767935.1	13.93836 (15101222)	14.28060 (15101222)	14.61108 (15101222)
14.87256 (15101222)	15.02993 (15101222)		

3767915.1	13.81951 (15101222)	14.09337 (15101222)	14.33824 (15101222)
14.52382 (15101222)	14.76549 (16102317)		
3767895.1	13.63719 (15101222)	13.85581 (15101222)	14.03030 (15101222)
14.32654 (16102317)	14.54727 (16102317)		
3767875.1	13.38518 (15101222)	13.58509 (16102317)	13.86854 (16102317)
14.10225 (16021519)	14.33833 (16021519)		
3767855.1	13.12484 (16102317)	13.39569 (16102317)	13.63449 (16021519)
13.87446 (16021519)	14.07209 (16102018)		
3767835.1	12.93535 (16102317)	13.16745 (16021519)	13.39851 (16021519)
13.63321 (16102018)	13.89095 (16102018)		
3767815.1	12.73611 (16021519)	12.94792 (16021519)	13.18436 (16102018)
13.45667 (16102018)	13.64764 (16102018)		
3767795.1	12.52089 (16021519)	12.75902 (16102018)	13.02347 (16102018)
13.22197 (16102018)	13.35945 (16102018)		
3767775.1	12.36542 (16102018)	12.59246 (16102018)	12.78705 (16102018)
12.92437 (16102018)	13.02108 (16022219)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 157

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434762.46	434782.46	434802.46
434822.46	434842.46		

3767755.1	12.20347 (16102018)	12.37504 (16102018)	12.50214 (16102018)
12.60400 (16022219)	12.86534 (16022219)		
3767735.1	12.01283 (16102018)	12.12139 (16102018)	12.21895 (16022219)

12.46811 (16022219)	12.67105 (16022219)		
3767715.1   11.76885 (16102018)	11.85325 (16022219)	12.10112 (16022219)	
12.30598 (16022219)	12.44856 (15090922)		
3767695.1   11.51496 (16022219)	11.74234 (16022219)	11.93860 (16022219)	
12.09025 (15090922)	12.25469 (15090922)		
3767675.1   11.41032 (16022219)	11.59871 (16022219)	11.74490 (16022219)	
11.91746 (15090922)	12.02898 (15090922)		
3767655.1   11.26572 (16022219)	11.40669 (16022219)	11.57928 (15090922)	
11.69746 (15090922)	11.79578 (14051601)		
3767635.1   11.08443 (16022219)	11.23336 (15090922)	11.36501 (15090922)	
11.44530 (14051601)	11.68940 (14051601)		
3767615.1   10.91900 (15090922)	11.04022 (15090922)	11.11826 (15090922)	
11.35042 (14051601)	11.54665 (14051601)		
3767595.1   10.73769 (15090922)	10.80825 (15090922)	11.01792 (14051601)	
11.22088 (14051601)	11.37059 (14051601)		
3767575.1   10.51924 (15090922)	10.70046 (14051601)	10.90061 (14051601)	
11.05946 (14051601)	11.21698 (12020908)		
3767555.1   10.39713 (14051601)	10.59435 (14051601)	10.75281 (14051601)	
10.88406 (12020908)	11.10185 (12020908)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*                      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 158

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                          L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                          L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                          L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434862.46	434882.46	434902.46
434922.46	434942.46		

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3768555.1		22.69911 (14020117)	23.34529 (14020117)	24.02025 (14020117)
24.74658	(13110517)	25.63179 (13110517)		
3768535.1		22.38107 (13110517)	23.08233 (13110517)	23.79729 (13110517)
24.54320	(13110517)	25.36114 (13110517)		
3768515.1		22.07656 (13110517)	22.69741 (13110517)	23.38310 (16092522)
24.27146	(16092522)	25.25159 (16092522)		
3768495.1		22.25303 (16092522)	23.04858 (16092522)	23.80957 (16092522)
24.62087	(16092522)	25.56518 (16092522)		
3768475.1		22.44152 (16092522)	23.22123 (16092522)	23.93873 (16092522)
24.65136	(16092522)	25.53609 (16092522)		
3768455.1		22.34780 (16092522)	23.05070 (16092522)	23.70447 (16092522)
24.32182	(16092522)	25.09898 (16092522)		
3768435.1		21.96146 (16092522)	22.55025 (16092522)	23.15782 (13111317)
23.80586	(13111317)	24.60459 (13111317)		
3768415.1		21.53582 (13111317)	22.12069 (13111317)	22.73433 (13112508)
23.53976	(13112508)	24.40553 (13112508)		
3768395.1		21.32943 (13112508)	22.03680 (13112508)	22.73337 (13112508)
23.45669	(13112508)	24.20628 (13112508)		
3768375.1		21.28599 (13112508)	21.88033 (13112508)	22.49196 (13112508)
23.11967	(13112508)	23.69700 (13112508)		
3768355.1		20.87127 (13112508)	21.37560 (13112508)	21.86837 (13112508)
22.39669	(15012617)	23.10834 (15031522)		
3768335.1		20.25635 (15012617)	20.75696 (15031522)	21.49980 (15031522)
22.26654	(15031522)	23.08256 (13012117)		
3768315.1		20.10179 (15031522)	20.78250 (13012117)	21.50728 (13012117)
22.25053	(13012117)	23.00979 (13012117)		
3768295.1		20.14201 (13012117)	20.79321 (13012117)	21.41085 (13012117)
22.05831	(13012117)	22.66021 (13012117)		
3768275.1		20.04950 (13012117)	20.59573 (13012117)	21.12050 (13012117)
21.61782	(13012117)	22.05692 (13012117)		
3768255.1		19.74792 (13012117)	20.18264 (13012117)	20.57816 (14121616)
21.11739	(12011218)	21.69989 (12110422)		
3768235.1		19.24911 (14121616)	19.74591 (12011218)	20.28165 (12110422)
20.87538	(12110422)	21.43506 (12110422)		
3768215.1		18.97606 (12011218)	19.52772 (12110422)	20.03363 (12110422)
20.50258	(12110422)	21.09365 (12020617)		
3768195.1		18.77951 (12110422)	19.22849 (12110422)	19.73423 (12020617)
20.27875	(12020617)	20.77984 (12020617)		
3768175.1		18.47383 (12020617)	18.99575 (12020617)	19.46054 (12020617)
19.91050	(16012517)	20.49343 (16012517)		
3768155.1		18.25286 (12020617)	18.66601 (12020617)	19.17563 (16012517)
19.65721	(16012517)	20.10880 (16012517)		
3768135.1		18.00528 (16012517)	18.48116 (16012517)	18.93455 (16012517)
19.29595	(16012517)	19.59667 (16012517)		
3768115.1		17.78795 (16012517)	18.17657 (16012517)	18.49595 (16012517)
18.79068	(15101101)	19.16386 (16092004)		
3768095.1		17.43029 (16012517)	17.71211 (16012517)	18.01246 (14011619)
18.43621	(16092004)	18.81862 (16092004)		
3768075.1		16.99330 (15101101)	17.31478 (16092004)	17.72682 (16092004)
18.11368	(15101222)	18.70302 (15101222)		



3768055.1		16.67718 (16092004)	17.03671 (16092004)	17.49474 (15101222)
18.04261	(15101222)	18.51815 (15101222)		
3768035.1		16.36648 (16092004)	16.88731 (15101222)	17.39715 (15101222)
17.83829	(15101222)	18.19952 (15101222)		
3768015.1		16.29240 (15101222)	16.76746 (15101222)	17.17724 (15101222)
17.52862	(15101222)	17.76077 (15101222)		
3767995.1		16.15405 (15101222)	16.53531 (15101222)	16.86150 (15101222)
17.09197	(15101222)	17.42265 (16102317)		
3767975.1		15.92746 (15101222)	16.21600 (15101222)	16.45056 (16102317)
16.78665	(16102317)	17.08490 (16021519)		
3767955.1		15.62080 (15101222)	15.86781 (16102317)	16.17012 (16102317)
16.45477	(16021519)	16.72973 (16021519)		
3767935.1		15.31643 (16102317)	15.60392 (16102317)	15.86118 (16021519)
16.10887	(16021519)	16.46253 (16102018)		
3767915.1		15.02415 (16102317)	15.30127 (16021519)	15.50957 (16021519)
15.85918	(16102018)	16.16877 (16102018)		
3767895.1		14.80016 (16021519)	15.01077 (16102018)	15.33181 (16102018)
15.60490	(16102018)	15.82380 (16102018)		
3767875.1		14.54734 (16102018)	14.84601 (16102018)	15.09948 (16102018)
15.28872	(16102018)	15.42843 (16022219)		
3767855.1		14.36133 (16102018)	14.58380 (16102018)	14.74535 (16102018)
14.84908	(16022219)	15.18569 (16022219)		
3767835.1		14.10869 (16102018)	14.25751 (16102018)	14.34336 (16022219)
14.64907	(16022219)	14.90407 (16022219)		
3767815.1		13.79621 (16102018)	13.87827 (16022219)	14.16876 (16022219)
14.39898	(16022219)	14.61118 (15090922)		
3767795.1		13.44989 (16022219)	13.73872 (16022219)	13.95923 (16022219)
14.15461	(15090922)	14.35610 (15090922)		
3767775.1		13.29584 (16022219)	13.51820 (16022219)	13.69043 (15090922)
13.88575	(15090922)	14.01438 (15090922)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 159

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

\*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	434862.46	434882.46	434902.46
	434922.46	434942.46	

-----

3767755.1	13.06622 (16022219)	13.24108 (15090922)	13.43022 (15090922)
13.55709 (15090922)	13.82220 (14051601)		
3767735.1	12.83459 (15090922)	13.00848 (15090922)	13.12371 (15090922)
13.34897 (14051601)	13.61459 (14051601)		
3767715.1	12.61754 (15090922)	12.73150 (15090922)	12.91186 (14051601)
13.17301 (14051601)	13.38520 (14051601)		
3767695.1	12.36741 (15090922)	12.50758 (14051601)	12.76438 (14051601)
12.96469 (14051601)	13.20211 (12020908)		
3767675.1	12.15350 (14051601)	12.39624 (14051601)	12.58568 (14051601)
12.77769 (12020908)	13.05745 (12020908)		
3767655.1	12.04461 (14051601)	12.23389 (14051601)	12.38232 (12020908)
12.65209 (12020908)	12.91350 (14051606)		
3767635.1	11.87762 (14051601)	12.02475 (14051601)	12.26475 (12020908)
12.49712 (14051606)	12.75438 (14051606)		
3767615.1	11.69542 (14051601)	11.91171 (12020908)	12.12713 (12020908)
12.37610 (14051606)	12.56707 (14051606)		
3767595.1	11.56499 (12020908)	11.79063 (12020908)	12.02118 (14051606)
12.21866 (14051606)	12.35461 (14051606)		
3767575.1	11.44288 (12020908)	11.66405 (14051606)	11.86643 (14051606)
12.01144 (14051606)	12.10309 (14051606)		
3767555.1	11.30612 (14051606)	11.52759 (14051606)	11.68031 (14051606)
11.78331 (14051606)	11.99287 (15101007)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 10:46:33

PAGE 160

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026

, L000027 , L000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	434962.46	435042.46	X-COORD (METERS)	435002.46
---------------------	-----------	-----------	------------------	-----------

3768555.1	26.54426 (13110517)	27.50482 (13110517)	28.51665 (13110517)
29.60655 (13110517)	30.73275 (13110517)		
3768535.1	26.21728 (13110517)	27.11364 (13110517)	28.03243 (16032302)
29.21068 (16092522)	30.55091 (16092522)		
3768515.1	26.30739 (16092522)	27.39055 (16092522)	28.52839 (16092522)
29.69278 (16092522)	30.91310 (16092522)		
3768495.1	26.57749 (16092522)	27.57913 (16092522)	28.62177 (16092522)
29.67510 (16092522)	30.76675 (16092522)		
3768475.1	26.45186 (16092522)	27.37098 (16092522)	28.26082 (16092522)
29.17230 (16092522)	30.10332 (16092522)		
3768455.1	25.89398 (16092522)	26.72572 (13111317)	27.64892 (13111317)
28.55758 (13111317)	29.53964 (13112508)		
3768435.1	25.35985 (13111317)	26.24334 (13112508)	27.26558 (13112508)
28.28237 (13112508)	29.34317 (13112508)		
3768415.1	25.26433 (13112508)	26.10966 (13112508)	26.98600 (13112508)
27.86477 (13112508)	28.71144 (13112508)		
3768395.1	24.91122 (13112508)	25.60968 (13112508)	26.32192 (13112508)
27.01831 (13112508)	27.91221 (15031522)		
3768375.1	24.25918 (13112508)	24.84792 (15012617)	25.86474 (15031522)
26.91900 (13012117)	28.07899 (13012117)		
3768355.1	23.97155 (15031522)	24.88214 (13012117)	25.87496 (13012117)
26.86406 (13012117)	27.80783 (13012117)		
3768335.1	23.93823 (13012117)	24.78672 (13012117)	25.59093 (13012117)
26.39920 (13012117)	27.10877 (13012117)		
3768315.1	23.70249 (13012117)	24.39707 (13012117)	25.03085 (13012117)
25.62070 (13012117)	26.31887 (12011218)		
3768295.1	23.20656 (13012117)	23.71332 (13012117)	24.37220 (12011218)
25.13055 (12110422)	25.96095 (12110422)		
3768275.1	22.63374 (12011218)	23.32356 (12110422)	24.06243 (12110422)
24.75601 (12110422)	25.48770 (12020617)		
3768255.1	22.35988 (12110422)	22.95217 (12110422)	23.56585 (12020617)
24.32665 (12020617)	25.02952 (12020617)		
3768235.1	21.93605 (15072001)	22.58818 (12020617)	23.23078 (12020617)
23.84822 (16012517)	24.62792 (16012517)		
3768215.1	21.65967 (12020617)	22.19878 (12020617)	22.87491 (16012517)
23.53889 (16012517)	24.10026 (16012517)		

3768195.1	21.31132 (16012517)	21.90807 (16012517)	22.46892 (16012517)
22.95687 (16012517)	23.36562 (15101101)		
3768175.1	21.00222 (16012517)	21.47329 (16012517)	21.84681 (16012517)
22.26719 (14011619)	22.88338 (16092004)		
3768155.1	20.50010 (16012517)	20.85735 (15101101)	21.33334 (16092004)
21.85257 (16092004)	22.58306 (15101222)		
3768135.1	19.94915 (14011619)	20.45716 (16092004)	20.93575 (15101222)
21.73206 (15101222)	22.40972 (15101222)		
3768115.1	19.60786 (16092004)	20.16740 (15101222)	20.85903 (15101222)
21.47974 (15101222)	22.01433 (15101222)		
3768095.1	19.37713 (15101222)	19.99324 (15101222)	20.54051 (15101222)
21.02769 (15101222)	21.39742 (15101222)		
3768075.1	19.19669 (15101222)	19.65954 (15101222)	20.08441 (15101222)
20.42008 (15101222)	20.91709 (16102317)		
3768055.1	18.87069 (15101222)	19.20246 (15101222)	19.53311 (16102317)
20.00420 (16102317)	20.44170 (16021519)		
3768035.1	18.41405 (15101222)	18.71186 (16102317)	19.13138 (16102317)
19.56480 (16021519)	20.00160 (16102018)		
3768015.1	18.02018 (16102317)	18.31674 (16102317)	18.74688 (16021519)
19.19034 (16102018)	19.64054 (16102018)		
3767995.1	17.66455 (16021519)	17.98262 (16021519)	18.39709 (16102018)
18.86262 (16102018)	19.17936 (16102018)		
3767975.1	17.32007 (16021519)	17.68947 (16102018)	18.10077 (16102018)
18.42470 (16102018)	18.59628 (16102018)		
3767955.1	17.04173 (16102018)	17.38853 (16102018)	17.68545 (16102018)
17.87405 (16102018)	18.30904 (16022219)		
3767935.1	16.75231 (16102018)	16.99414 (16102018)	17.16577 (16102018)
17.59521 (16022219)	17.92521 (16022219)		
3767915.1	16.36147 (16102018)	16.50294 (16102018)	16.91042 (16022219)
17.22251 (16022219)	17.49947 (15090922)		
3767895.1	15.94016 (16022219)	16.31579 (16022219)	16.61264 (16022219)
16.88315 (15090922)	17.10305 (15090922)		
3767875.1	15.78540 (16022219)	16.05371 (16022219)	16.30250 (15090922)
16.53072 (15090922)	16.80442 (14051601)		
3767855.1	15.46844 (16022219)	15.70428 (15090922)	15.92523 (15090922)
16.17964 (14051601)	16.55849 (14051601)		
3767835.1	15.14146 (15090922)	15.36768 (15090922)	15.57666 (14051601)
15.96144 (14051601)	16.26021 (14051601)		
3767815.1	14.83001 (15090922)	14.99490 (14051601)	15.38353 (14051601)
15.69382 (14051601)	16.00717 (12020908)		
3767795.1	14.48611 (15090922)	14.83797 (14051601)	15.14379 (14051601)
15.42683 (12020908)	15.78649 (12020908)		
3767775.1	14.32234 (14051601)	14.61005 (14051601)	14.86543 (12020908)
15.22356 (12020908)	15.58691 (14051606)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*                      \*\*\*  
                                          \*\*\*                      10:46:33

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 434962.46 434982.46 435002.46  
435022.46 435042.46

-----  
3767755.1 | 14.10499 (14051601) 14.31790 (14051601) 14.66616 (12020908)  
15.00437 (14051606) 15.31262 (14051606)  
3767735.1 | 13.83947 (14051601) 14.14908 (12020908) 14.46276 (14051606)  
14.77523 (14051606) 15.00081 (14051606)  
3767715.1 | 13.65825 (12020908) 13.94829 (14051606) 14.26334 (14051606)  
14.50939 (14051606) 14.65686 (14051606)  
3767695.1 | 13.48189 (12020908) 13.78577 (14051606) 14.02863 (14051606)  
14.21156 (14051606) 14.48932 (15101007)  
3767675.1 | 13.33975 (14051606) 13.58893 (14051606) 13.77302 (14051606)  
13.97731 (15101007) 14.33488 (15101007)  
3767655.1 | 13.16748 (14051606) 13.35172 (14051606) 13.47671 (15101007)  
13.85166 (15101007) 14.13894 (15101007)  
3767635.1 | 12.96558 (14051606) 13.08805 (14051606) 13.36707 (15101007)  
13.67572 (15101007) 13.89519 (15101007)  
3767615.1 | 12.71924 (14051606) 12.92132 (15101007) 13.21925 (15101007)  
13.46386 (15101007) 13.61876 (15101007)  
3767595.1 | 12.49294 (15101007) 12.78916 (15101007) 13.03656 (15101007)  
13.21984 (15101007) 13.30397 (15101007)  
3767575.1 | 12.38374 (15101007) 12.63272 (15101007) 12.81306 (15101007)  
12.91908 (15101007) 12.95578 (15101007)  
3767555.1 | 12.25095 (15101007) 12.44554 (15101007) 12.56196 (15101007)  
12.61365 (15101007) 12.58827 (15101007)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 10:46:33

PAGE 162

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435062.46	435082.46	435102.46
435122.46	435142.46		

-----  
 -----  
 3768555.1 | 31.94733 (13110517) 33.20378 (13110517) 34.53102 (13110517)  
 36.02886 (16092522) 37.94383 (16092522)  
 3768535.1 | 31.93694 (16092522) 33.40272 (16092522) 34.95275 (16092522)  
 36.59154 (16092522) 38.32351 (16092522)  
 3768515.1 | 32.22596 (16092522) 33.52880 (16092522) 34.92704 (16092522)  
 36.38668 (16092522) 37.90773 (16092522)  
 3768495.1 | 31.89618 (16092522) 33.06222 (16092522) 34.26297 (16092522)  
 35.49561 (16092522) 36.90907 (13111317)  
 3768475.1 | 31.20304 (13111317) 32.35146 (13111317) 33.52470 (13111317)  
 34.95930 (13112508) 36.50271 (13112508)  
 3768455.1 | 30.77009 (13112508) 32.06244 (13112508) 33.34958 (13112508)  
 34.61836 (13112508) 35.93007 (13112508)  
 3768435.1 | 30.38620 (13112508) 31.46468 (13112508) 32.50765 (13112508)  
 33.53590 (13112508) 34.59744 (15031522)  
 3768415.1 | 29.54483 (13112508) 30.39546 (15012617) 31.67469 (15031522)  
 33.10994 (13012117) 34.68298 (13012117)  
 3768395.1 | 29.09786 (15031522) 30.38662 (13012117) 31.71014 (13012117)  
 33.02534 (13012117) 34.27166 (13012117)  
 3768375.1 | 29.20656 (13012117) 30.32100 (13012117) 31.40909 (13012117)  
 32.41469 (13012117) 33.35574 (13012117)  
 3768355.1 | 28.72455 (13012117) 29.63752 (13012117) 30.42446 (13012117)  
 31.30712 (12011218) 32.51048 (12110422)

3768335.1		27.83411 (13012117)	28.61427 (12011218)	29.67111 (12110422)
30.70427 (12110422)		31.65820 (12110422)		
3768315.1		27.26077 (12110422)	28.20387 (12110422)	29.08456 (12110422)
30.08265 (12020617)		31.12353 (12020617)		
3768295.1		26.77418 (12110422)	27.64585 (12020617)	28.58120 (12020617)
29.43362 (16012517)		30.52823 (16012517)		
3768275.1		26.33024 (12020617)	27.13794 (12020617)	28.03949 (16012517)
28.95326 (16012517)		29.71600 (16012517)		
3768255.1		25.79343 (16012517)	26.63659 (16012517)	27.39089 (16012517)
28.03512 (16012517)		28.67912 (16092004)		
3768235.1		25.33566 (16012517)	25.92113 (16012517)	26.46032 (15101101)
27.19786 (16092004)		28.11117 (15101222)		
3768215.1		24.60181 (16012517)	25.08751 (16092004)	25.81370 (16092004)
26.73681 (15101222)		27.84435 (15101222)		
3768195.1		23.95392 (16092004)	24.59235 (16092004)	25.54368 (15101222)
26.45381 (15101222)		27.30457 (15101222)		
3768175.1		23.55815 (15101222)	24.45178 (15101222)	25.24957 (15101222)
25.89816 (15101222)		26.46438 (15101222)		
3768155.1		23.37303 (15101222)	24.07013 (15101222)	24.65412 (15101222)
25.12826 (16102317)		25.80604 (16102317)		
3768135.1		23.02082 (15101222)	23.52450 (15101222)	24.00085 (16102317)
24.56648 (16102317)		25.15059 (16021519)		
3768115.1		22.42278 (15101222)	22.89733 (16102317)	23.40971 (16021519)
23.93351 (16021519)		24.59500 (16102018)		
3768095.1		21.87184 (16102317)	22.32158 (16021519)	22.78352 (16021519)
23.41736 (16102018)		23.92961 (16102018)		
3768075.1		21.35994 (16021519)	21.76128 (16102018)	22.33032 (16102018)
22.76806 (16102018)		23.10534 (16102018)		
3768055.1		20.85046 (16102018)	21.36829 (16102018)	21.74204 (16102018)
21.97644 (16102018)		22.58945 (16022219)		
3768035.1		20.47386 (16102018)	20.83360 (16102018)	21.02255 (16102018)
21.48202 (16022219)		21.99027 (16022219)		
3768015.1		19.98756 (16102018)	20.17731 (16102018)	20.61637 (16022219)
20.95843 (16022219)		21.44525 (15090922)		
3767995.1		19.36911 (16102018)	19.80858 (16022219)	20.13306 (16022219)
20.46722 (15090922)		20.82521 (14051601)		
3767975.1		19.05333 (16022219)	19.38171 (16022219)	19.68576 (15090922)
19.87263 (15090922)		20.48695 (14051601)		
3767955.1		18.63892 (16022219)	18.93638 (15090922)	19.13925 (15090922)
19.57036 (14051601)		20.06596 (14051601)		
3767935.1		18.21799 (15090922)	18.43369 (15090922)	18.81377 (14051601)
19.17959 (14051601)		19.73337 (12020908)		
3767915.1		17.73995 (15090922)	18.08472 (14051601)	18.46569 (14051601)
18.84793 (12020908)		19.44138 (14051606)		
3767895.1		17.41711 (14051601)	17.79290 (14051601)	18.13327 (12020908)
18.57151 (14051606)		19.11637 (14051606)		
3767875.1		17.19167 (14051601)	17.47343 (12020908)	17.90976 (12020908)
18.32807 (14051606)		18.71171 (14051606)		
3767855.1		16.84290 (14051601)	17.25478 (12020908)	17.67267 (14051606)
17.99207 (14051606)		18.26904 (14051606)		

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3767835.1 |      16.60664 (12020908)      17.00807 (14051606)      17.36682 (14051606)
      17.60342 (14051606)      18.02039 (15101007)
3767815.1 |      16.37841 (14051606)      16.74365 (14051606)      17.01084 (14051606)
      17.26178 (15101007)      17.77714 (15101007)
3767795.1 |      16.16359 (14051606)      16.44396 (14051606)      16.61187 (14051606)
      17.06541 (15101007)      17.45799 (15101007)
3767775.1 |      15.87701 (14051606)      16.07629 (14051606)      16.44106 (15101007)
      16.79619 (15101007)      17.07165 (15101007)

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^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 163

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

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

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Y-COORD |      X-COORD (METERS)
(METERS) |      435062.46      435082.46      435102.46
      435122.46      435142.46

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-----
3767755.1 |      15.52639 (14051606)      15.79250 (15101007)      16.18879 (15101007)
      16.46178 (15101007)      16.62689 (15101007)
3767735.1 |      15.18694 (15101007)      15.59362 (15101007)      15.88751 (15101007)
      16.08302 (15101007)      16.15874 (15101007)
3767715.1 |      15.02367 (15101007)      15.33452 (15101007)      15.55569 (15101007)
      15.66643 (15101007)      15.65993 (15101007)
3767695.1 |      14.82558 (15101007)      15.05696 (15101007)      15.18606 (15101007)
      15.21826 (15101007)      15.13689 (15101007)
3767675.1 |      14.57398 (15101007)      14.72975 (15101007)      14.78432 (15101007)
      14.74444 (15101007)      14.67904 (16100807)
3767655.1 |      14.29636 (15101007)      14.37020 (15101007)      14.36714 (15101007)

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14.25054 (15101007)	14.49138 (16100807)		
3767635.1   13.98581 (15101007)	13.99407 (15101007)	13.92758 (15101007)	
13.97940 (16100807)	14.29501 (16100807)		
3767615.1   13.64683 (15101007)	13.60492 (15101007)	13.48078 (15101007)	
13.81978 (16100807)	14.05889 (16100807)		
3767595.1   13.28382 (15101007)	13.18619 (15101007)	13.33261 (16100807)	
13.62101 (16100807)	13.79787 (16100807)		
3767575.1   12.89137 (15101007)	12.84743 (16100807)	13.15837 (16100807)	
13.39701 (16100807)	13.51520 (16100807)		
3767555.1   12.48374 (15101007)	12.70502 (16100807)	12.96901 (16100807)	
13.14090 (16100807)	13.21399 (16100807)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 164

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435162.46	435182.46	435202.46
435222.46	435242.46		

3768555.1	39.94917 (16092522)	42.09331 (16092522)	44.38638 (16092522)
46.83876 (16092522)	49.46092 (16092522)		
3768535.1	40.15279 (16092522)	42.08309 (16092522)	44.11740 (16092522)
46.31788 (16092522)	48.56944 (16092522)		
3768515.1	39.48925 (16092522)	41.07668 (16092522)	42.76717 (16092522)
44.78256 (13111317)	46.86430 (13112508)		
3768495.1	38.36699 (13111317)	40.08195 (13112508)	42.05322 (13112508)
44.19002 (13112508)	46.32900 (13112508)		

3768475.1	38.07998 (13112508)	39.68134 (13112508)	41.29399 (13112508)
42.95525 (13112508)	44.65586 (13112508)		
3768455.1	37.19819 (13112508)	38.40002 (13112508)	39.99531 (15031522)
42.22716 (13012117)	44.55570 (13012117)		
3768435.1	36.30802 (13012117)	38.14844 (13012117)	39.99429 (13012117)
41.82080 (13012117)	43.66276 (13012117)		
3768415.1	36.25600 (13012117)	37.75783 (13012117)	39.15326 (13012117)
40.46070 (13012117)	41.77015 (12011218)		
3768395.1	35.51623 (13012117)	36.64421 (13012117)	37.65655 (12011218)
39.08098 (12110422)	40.73463 (12110422)		
3768375.1	34.36577 (12011218)	35.78333 (12110422)	37.05338 (12110422)
38.21687 (12020617)	39.77493 (12020617)		
3768355.1	33.70284 (12110422)	34.89518 (12020617)	36.22867 (12020617)
37.25079 (16012517)	38.85236 (16012517)		
3768335.1	32.89683 (12020617)	34.06034 (12020617)	35.37398 (16012517)
36.41188 (16012517)	37.53004 (16012517)		
3768315.1	32.18623 (16012517)	33.43292 (16012517)	34.39498 (16012517)
35.07473 (15101101)	36.29284 (16092004)		
3768295.1	31.51360 (16012517)	32.35912 (16012517)	33.15739 (16092004)
34.19626 (15101222)	35.80498 (15101222)		
3768275.1	30.42174 (16012517)	31.36220 (16092004)	32.62921 (15101222)
33.84401 (15101222)	35.03197 (15101222)		
3768255.1	29.62992 (16092004)	30.96264 (15101222)	32.20187 (15101222)
33.08595 (15101222)	33.90799 (15101222)		
3768235.1	29.37961 (15101222)	30.48330 (15101222)	31.41841 (15101222)
32.01888 (16102317)	32.95657 (16021519)		
3768215.1	28.82860 (15101222)	29.65671 (15101222)	30.48199 (16102317)
31.15992 (16021519)	32.06100 (16102018)		
3768195.1	27.97457 (15101222)	28.75875 (16102317)	29.59377 (16021519)
30.35138 (16102018)	31.24391 (16102018)		
3768175.1	27.18402 (16102317)	27.94530 (16021519)	28.78989 (16102018)
29.55243 (16102018)	30.10999 (16102018)		
3768155.1	26.43961 (16021519)	27.20608 (16102018)	27.94585 (16102018)
28.43952 (16102018)	29.29237 (16022219)		
3768135.1	25.84558 (16102018)	26.50924 (16102018)	26.97930 (16102018)
27.73875 (16022219)	28.42858 (12100205)		
3768115.1	25.16456 (16102018)	25.58451 (16102018)	26.31882 (16022219)
26.91451 (12100205)	27.50536 (12100205)		
3768095.1	24.27927 (16102018)	24.95892 (16022219)	25.49804 (15090922)
26.02710 (15090922)	26.79736 (14051601)		
3768075.1	23.73864 (16022219)	24.26603 (16022219)	24.76384 (15090922)
25.40045 (14051601)	26.08576 (14051601)		
3768055.1	23.10806 (16022219)	23.59934 (15090922)	24.14374 (14051601)
24.80947 (14051601)	25.54828 (12020908)		
3768035.1	22.50162 (15090922)	23.00952 (14051601)	23.65599 (14051601)
24.30584 (12020908)	25.12259 (14051606)		
3768015.1	21.88643 (14051601)	22.56044 (14051601)	23.10746 (12020908)
23.86637 (14051606)	24.54040 (14051606)		
3767995.1	21.49633 (14051601)	22.03834 (12020908)	22.69942 (14051606)
23.35346 (14051606)	23.81770 (14051606)		

3767975.1	20.99461 (14051601)	21.63712 (12020908)	22.24607 (14051606)
22.72944 (14051606)	23.33299 (15101007)		
3767955.1	20.66235 (12020908)	21.26929 (14051606)	21.70817 (14051606)
22.13980 (15101007)	22.85716 (15101007)		
3767935.1	20.33482 (14051606)	20.80503 (14051606)	21.08097 (14051606)
21.73080 (15101007)	22.28962 (15101007)		
3767915.1	19.95317 (14051606)	20.27274 (14051606)	20.76794 (15101007)
21.29407 (15101007)	21.66558 (15101007)		
3767895.1	19.48802 (14051606)	19.87474 (15101007)	20.40567 (15101007)
20.76011 (15101007)	20.99684 (15101007)		
3767875.1	19.01160 (15101007)	19.57725 (15101007)	19.94939 (15101007)
20.18026 (15101007)	20.25711 (15101007)		
3767855.1	18.78776 (15101007)	19.20621 (15101007)	19.44666 (15101007)
19.52898 (15101007)	19.46137 (15101007)		
3767835.1	18.47632 (15101007)	18.75488 (15101007)	18.87280 (15101007)
18.83659 (15101007)	18.89863 (16100807)		
3767815.1	18.10250 (15101007)	18.25024 (15101007)	18.25599 (15101007)
18.12948 (15101007)	18.58232 (16100807)		
3767795.1	17.67471 (15101007)	17.71665 (15101007)	17.60574 (15101007)
17.79214 (16100807)	18.23505 (16100807)		
3767775.1	17.18680 (15101007)	17.13188 (15101007)	17.01286 (16100807)
17.47926 (16100807)	17.81549 (16100807)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 165

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435162.46	435182.46	435202.46
435222.46	435242.46		

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3767755.1 |      16.64829 (15101007)      16.51981 (15101007)      16.77374 (16100807)
      17.11167 (16100807)      17.34814 (16100807)
3767735.1 |      16.09489 (15101007)      16.11543 (16100807)      16.47978 (16100807)
      16.73922 (16100807)      16.89821 (16100807)
3767715.1 |      15.51918 (15101007)      15.87361 (16100807)      16.13729 (16100807)
      16.33704 (16100807)      16.46840 (14120808)
3767695.1 |      15.28063 (16100807)      15.58365 (16100807)      15.77867 (16100807)
      15.91025 (16100807)      16.03844 (14120808)
3767675.1 |      15.03817 (16100807)      15.28844 (16100807)      15.41999 (16100807)
      15.52719 (14120808)      15.60343 (14120808)
3767655.1 |      14.77694 (16100807)      14.96591 (16100807)      15.03876 (14120808)
      15.14658 (14120808)      15.15443 (14100324)
3767635.1 |      14.51136 (16100807)      14.63177 (16100807)      14.71921 (14120808)
      14.76070 (14120808)      14.87204 (15100923)
3767615.1 |      14.22083 (16100807)      14.28659 (14120808)      14.37997 (14120808)
      14.34913 (14120808)      14.58860 (15100923)
3767595.1 |      13.90886 (16100807)      13.97983 (14120808)      14.01353 (14120808)
      14.08844 (15100923)      14.27601 (15100923)
3767575.1 |      13.57523 (14120808)      13.64555 (14120808)      13.62482 (14100324)
      13.83283 (15100923)      14.01054 (16092704)
3767555.1 |      13.28102 (14120808)      13.29792 (14120808)      13.35895 (15100923)
      13.55017 (15100923)      13.74122 (12100124)

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^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21

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*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 166

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*** MODELOPTs:      RegDFault CONC ELEV URBAN ADJ_U*

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```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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*** NETWORK ID: UCART2      ; NETWORK TYPE:

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GRIDCART ***

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** CONC OF PM_10      IN MICROGRAMS/M**3

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```

Y-COORD |  
(METERS) |  
435322.46

435262.46

435342.46

435282.46

X-COORD (METERS)  
435302.46

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3768555.1	52.26305 (16092522)	55.32959 (16092522)	58.52588 (16092522)
62.01556 (16092522)	65.63065 (16092522)		
3768535.1	50.92604 (16092522)	53.46414 (13111317)	56.46453 (13111317)
59.83625 (13112508)	63.63429 (13112508)		
3768515.1	49.60119 (13112508)	52.52767 (13112508)	55.49814 (13112508)
58.39196 (13112508)	61.30721 (13112508)		
3768495.1	48.56704 (13112508)	50.96172 (13112508)	53.44441 (15031522)
57.04415 (13012117)	60.62432 (13012117)		
3768475.1	47.22281 (13012117)	50.35924 (13012117)	53.40583 (13012117)
56.18360 (13012117)	58.84962 (13012117)		
3768455.1	46.96178 (13012117)	49.49883 (13012117)	51.74439 (13012117)
53.67207 (13012117)	56.39378 (12110422)		
3768435.1	45.49635 (13012117)	47.29508 (12011218)	49.80979 (12110422)
51.93411 (12110422)	54.40115 (12020617)		
3768415.1	43.90962 (12110422)	46.13266 (12110422)	48.44068 (12020617)
50.46494 (16012517)	52.69374 (16012517)		
3768395.1	42.73137 (12020617)	44.90851 (12020617)	47.14125 (16012517)
49.02888 (16012517)	50.36289 (15101101)		
3768375.1	41.67101 (16012517)	43.76220 (16012517)	45.49681 (16012517)
46.90550 (16092004)	49.12918 (15101222)		
3768355.1	40.46928 (16012517)	41.93570 (16012517)	43.63613 (15101222)
45.98046 (15101222)	47.83830 (15101222)		
3768335.1	38.91468 (16092004)	40.79186 (15101222)	42.86776 (15101222)
44.57863 (15101222)	45.75338 (16102317)		
3768315.1	38.09943 (15101222)	39.88920 (15101222)	41.34513 (15101222)
42.53232 (16102317)	43.97375 (16021519)		
3768295.1	37.31496 (15101222)	38.51386 (15101222)	39.66096 (16102317)
40.97989 (16021519)	42.52342 (16102018)		
3768275.1	36.07187 (15101222)	37.14582 (16102317)	38.30804 (16021519)
39.76330 (16102018)	40.81319 (16102018)		
3768255.1	35.03249 (16102317)	36.15161 (16102018)	37.44199 (16102018)
38.41815 (16102018)	39.67480 (16022219)		
3768235.1	34.02489 (16102018)	35.29543 (16102018)	36.11091 (16102018)
37.26709 (16022219)	38.38660 (12100205)		
3768215.1	33.14612 (16102018)	33.94485 (16102018)	35.00375 (16022219)
36.02027 (12100205)	37.14645 (14051601)		
3768195.1	31.95071 (16102018)	32.96326 (16022219)	33.88812 (12100205)
34.84462 (14051601)	36.04210 (14051601)		
3768175.1	31.07677 (16022219)	31.91630 (12100205)	32.68127 (14051601)
33.86737 (14051601)	35.08981 (14051606)		
3768155.1	30.04952 (12100205)	30.72562 (14051601)	31.81324 (14051601)
32.89752 (12020908)	34.15004 (14051606)		
3768135.1	29.05360 (12100205)	30.02377 (14051601)	30.97919 (12020908)
32.17822 (14051606)	33.05429 (14051606)		

3768115.1	28.35522 (14051601)	29.19559 (12020908)	30.30758 (14051606)
31.23239 (14051606)	32.25164 (15101007)		
3768095.1	27.53560 (14051601)	28.56377 (14051606)	29.46068 (14051606)
30.25250 (15101007)	31.34091 (15101007)		
3768075.1	26.96321 (14051606)	27.85599 (14051606)	28.48138 (14051606)
29.54950 (15101007)	30.27793 (15101007)		
3768055.1	26.42540 (14051606)	27.04887 (14051606)	27.88510 (15101007)
28.69664 (15101007)	29.12712 (15101007)		
3768035.1	25.76438 (14051606)	26.39179 (15101007)	27.23967 (15101007)
27.77952 (15101007)	27.91487 (15101007)		
3768015.1	25.02445 (15101007)	25.84489 (15101007)	26.41753 (15101007)
26.70849 (15101007)	26.63667 (15101007)		
3767995.1	24.56092 (15101007)	25.18023 (15101007)	25.52497 (15101007)
25.59350 (15101007)	25.81369 (16100807)		
3767975.1	23.98552 (15101007)	24.39414 (15101007)	24.53185 (15101007)
24.44143 (16100807)	25.13984 (16100807)		
3767955.1	23.33833 (15101007)	23.55456 (15101007)	23.50787 (15101007)
23.92319 (16100807)	24.42239 (16100807)		
3767935.1	22.61222 (15101007)	22.67622 (15101007)	22.70665 (16100807)
23.33279 (16100807)	23.64948 (16100807)		
3767915.1	21.82319 (15101007)	21.73109 (15101007)	22.22919 (16100807)
22.68312 (16100807)	22.86301 (14120808)		
3767895.1	20.98609 (15101007)	21.20425 (16100807)	21.69049 (16100807)
21.98615 (16100807)	22.12924 (14120808)		
3767875.1	20.17847 (16100807)	20.74288 (16100807)	21.10121 (16100807)
21.27306 (14120808)	21.38663 (14120808)		
3767855.1	19.80449 (16100807)	20.24897 (16100807)	20.47131 (16100807)
20.61630 (14120808)	20.62711 (15100923)		
3767835.1	19.39601 (16100807)	19.71156 (16100807)	19.85997 (14120808)
19.97028 (14120808)	20.15075 (15100923)		
3767815.1	18.97623 (16100807)	19.19060 (16100807)	19.32109 (14120808)
19.34571 (15100923)	19.66901 (15100923)		
3767795.1	18.51629 (16100807)	18.64667 (14120808)	18.73805 (14120808)
18.92382 (15100923)	19.19997 (16092704)		
3767775.1	18.00754 (16100807)	18.14207 (14120808)	18.15394 (15100923)
18.45626 (15100923)	18.76041 (12100124)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*                      10:46:33

PAGE 167

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

\*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                  INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,

, L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435262.46	435282.46	435302.46
	435322.46	435342.46	

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 -----  
 3767755.1 | 17.49359 (14120808) 17.58397 (14120808) 17.76060 (15100923)  
 18.01022 (16092704) 18.32690 (12100124)  
 3767735.1 | 17.03628 (14120808) 17.05073 (14100324) 17.34533 (15100923)  
 17.60588 (12100124) 17.89471 (12100124)  
 3767715.1 | 16.54419 (14120808) 16.71228 (15100923) 16.95426 (16092704)  
 17.24285 (12100124) 17.43243 (12100124)  
 3767695.1 | 16.05582 (14100324) 16.34174 (15100923) 16.57870 (12100124)  
 16.84736 (12100124) 16.94545 (12100124)  
 3767675.1 | 15.73141 (15100923) 15.96717 (16092704) 16.24479 (12100124)  
 16.42439 (12100124) 16.57064 (15100922)  
 3767655.1 | 15.41597 (15100923) 15.62814 (16092704) 15.88139 (12100124)  
 16.00797 (12100124) 16.18935 (15100922)  
 3767635.1 | 15.07145 (16092704) 15.32373 (12100124) 15.52092 (12100124)  
 15.62594 (15100922) 15.83058 (15100922)  
 3767615.1 | 14.78286 (16092704) 15.01530 (12100124) 15.15097 (12100124)  
 15.30611 (15100922) 15.43658 (15100922)  
 3767595.1 | 14.49734 (12100124) 14.69506 (12100124) 14.76225 (15100922)  
 14.96420 (15100922) 15.02609 (15100922)  
 3767575.1 | 14.22336 (12100124) 14.35276 (12100124) 14.46913 (15100922)  
 14.61665 (15100922) 14.62874 (15100922)  
 3767555.1 | 13.93795 (12100124) 14.00389 (12100124) 14.16804 (15100922)  
 14.26521 (15100922) 14.23185 (15100922)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 168

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

VALUES FOR SOURCE GROUP: ALL \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002

```

, L0000003 , L0000004 , L0000005 ,
, L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
, L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
, L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435362.46	435382.46	435402.46
	435422.46	435442.46	

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-----
3768555.1 | 69.53255 (13111317) 73.97596 (13112508) 79.64314 (13112508)
85.66228 (13112508) 91.98681 (13112508)
3768535.1 | 67.69079 (13112508) 71.66205 (13112508) 75.92375 (13112508)
82.26085 (13012117) 89.30897 (13012117)
3768515.1 | 64.98501 (13012117) 69.75392 (13012117) 74.59049 (13012117)
79.53864 (13012117) 84.48184 (13012117)
3768495.1 | 64.18568 (13012117) 67.89370 (13012117) 71.27911 (13012117)
75.87927 (12110422) 81.20356 (12020617)
3768475.1 | 61.31704 (13012117) 64.99806 (12110422) 68.88694 (12020617)
73.19209 (16012517) 78.11373 (16012517)
3768455.1 | 59.26525 (12020617) 62.67753 (12020617) 66.43111 (16012517)
70.05862 (16012517) 73.89848 (15101222)
3768435.1 | 56.97351 (16012517) 60.05302 (16012517) 62.71218 (15101101)
66.75503 (15101222) 71.16265 (15101222)
3768415.1 | 54.63694 (16012517) 57.25102 (16092004) 61.04603 (15101222)
64.53607 (15101222) 67.36530 (16102317)
3768395.1 | 52.68904 (15101222) 56.14569 (15101222) 58.93283 (15101222)
61.36787 (16102317) 64.53977 (16102018)
3768375.1 | 51.56473 (15101222) 54.05784 (15101222) 56.23273 (16021519)
58.96420 (16102018) 61.29588 (16102018)
3768355.1 | 49.38379 (15101222) 51.61287 (16021519) 53.98292 (16102018)
56.03114 (16102018) 58.21140 (16022219)
3768335.1 | 47.34626 (16021519) 49.59055 (16102018) 51.40369 (16102018)
53.40772 (16022219) 55.30998 (14051601)
3768315.1 | 45.62332 (16102018) 47.23717 (16102018) 49.07286 (16022219)
50.70488 (15090922) 52.96582 (12020908)
3768295.1 | 43.73049 (16102018) 45.36430 (16022219) 46.82959 (15090922)
48.73421 (14051601) 51.31943 (14051606)
3768275.1 | 42.16578 (16022219) 43.47989 (15090922) 45.12697 (14051601)
47.25264 (14051606) 49.26536 (14051606)

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3768255.1	40.83629 (12100205)	42.30938 (14051601)	44.04048 (14051606)
45.98042 (14051606)	47.85033 (15101007)		
3768235.1	39.70454 (14051601)	41.16643 (12020908)	42.94754 (14051606)
44.47386 (15101007)	46.29718 (15101007)		
3768215.1	38.45917 (12020908)	40.19725 (14051606)	41.43347 (14051606)
43.23187 (15101007)	44.31611 (15101007)		
3768195.1	37.53494 (14051606)	38.83343 (14051606)	40.32365 (15101007)
41.54051 (15101007)	42.01800 (15101007)		
3768175.1	36.42244 (14051606)	37.62300 (15101007)	38.96865 (15101007)
39.63919 (15101007)	39.54850 (15101007)		
3768155.1	35.11835 (15101007)	36.50696 (15101007)	37.35899 (15101007)
37.55020 (15101007)	38.09947 (16100807)		
3768135.1	34.31377 (15101007)	35.26447 (15101007)	35.67919 (15101007)
35.75188 (16100807)	36.66112 (16100807)		
3768115.1	33.26871 (15101007)	33.85767 (15101007)	33.85203 (15101007)
34.60968 (16100807)	35.12060 (16100807)		
3768095.1	31.99460 (15101007)	32.22619 (15101007)	32.52967 (16100807)
33.27695 (16100807)	33.51215 (14120808)		
3768075.1	30.60521 (15101007)	30.52624 (15101007)	31.48606 (16100807)
31.90359 (16100807)	32.04462 (14120808)		
3768055.1	29.16686 (15101007)	29.66553 (16100807)	30.31796 (16100807)
30.56695 (14120808)	30.65594 (15100923)		
3768035.1	27.96358 (16100807)	28.71072 (16100807)	29.14940 (16100807)
29.29836 (14120808)	29.61983 (15100923)		
3768015.1	27.22011 (16100807)	27.71238 (16100807)	28.00288 (14120808)
28.12278 (15100923)	28.61109 (12100124)		
3767995.1	26.42285 (16100807)	26.65852 (16100807)	26.86997 (14120808)
27.16613 (15100923)	27.72238 (12100124)		
3767975.1	25.53392 (16100807)	25.67428 (14120808)	25.82160 (15100923)
26.31230 (16092704)	26.83755 (12100124)		
3767955.1	24.62287 (16100807)	24.70979 (14120808)	25.03312 (15100923)
25.53991 (12100124)	25.93232 (12100124)		
3767935.1	23.79078 (14120808)	23.78754 (15100923)	24.28402 (16092704)
24.79051 (12100124)	25.06133 (15100922)		
3767915.1	22.95816 (14120808)	23.13661 (15100923)	23.59916 (12100124)
24.01939 (12100124)	24.33147 (15100922)		
3767895.1	22.13942 (15100923)	22.50191 (16092704)	22.96114 (12100124)
23.23441 (12100124)	23.61624 (15100922)		
3767875.1	21.56987 (15100923)	21.91208 (12100124)	22.32526 (12100124)
22.59857 (15100922)	22.86696 (15100922)		
3767855.1	20.97220 (15100923)	21.38722 (12100124)	21.64875 (12100124)
21.99190 (15100922)	22.14095 (15100922)		
3767835.1	20.46025 (16092704)	20.83878 (12100124)	21.07370 (15100922)
21.37389 (15100922)	21.41597 (15100922)		
3767815.1	20.02365 (12100124)	20.29333 (12100124)	20.57753 (15100922)
20.77103 (15100922)	20.79589 (16113008)		
3767795.1	19.54656 (12100124)	19.71335 (12100124)	20.02521 (15100922)
20.12168 (15100922)	20.19535 (16113008)		
3767775.1	19.03285 (12100124)	19.24109 (15100922)	19.46572 (15100922)
19.47500 (15100922)	19.59623 (16113008)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 169

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)			X-COORD (METERS)
435422.46	435362.46	435382.46	435402.46
	435442.46		

3767755.1	18.50737 (12100124)	18.76556 (15100922)	18.90257 (15100922)
18.94957 (16113008)	19.09054 (14011620)		
3767735.1	18.05275 (15100922)	18.29933 (15100922)	18.35704 (15100922)
18.44933 (16113008)	18.65408 (14011620)		
3767715.1	17.64125 (15100922)	17.80856 (15100922)	17.80887 (16113008)
17.93352 (16113008)	18.17795 (14011620)		
3767695.1	17.18672 (15100922)	17.26464 (15100922)	17.32227 (16113008)
17.42454 (14011620)	17.63225 (14011620)		
3767675.1	16.74353 (15100922)	16.75633 (15100922)	16.84997 (16113008)
16.98596 (14011620)	17.11346 (14011620)		
3767655.1	16.29689 (15100922)	16.31458 (16113008)	16.39242 (16113008)
16.56607 (14011620)	16.67528 (14101707)		
3767635.1	15.87860 (15100922)	15.91644 (16113008)	15.97199 (14011620)
16.14842 (14011620)	16.28205 (14101707)		
3767615.1	15.41586 (15100922)	15.51676 (16113008)	15.61054 (14011620)
15.71880 (14011620)	15.89184 (14101707)		
3767595.1	15.04115 (16113008)	15.10541 (16113008)	15.21963 (14011620)
15.30313 (14101707)	15.50554 (14101707)		
3767575.1	14.68071 (16113008)	14.71027 (14011620)	14.86019 (14011620)

14.96891 (14101707)      15.12391 (14101707)  
 3767555.1 |      14.33018 (16113008)      14.39772 (14011620)      14.50280 (14011620)  
 14.63618 (14101707)      14.75912 (14101707)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                  \*\*\*      10:46:33

PAGE 170

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435462.46	435482.46	435502.46
435522.46	435542.46		

-----  
 -----  
 3768555.1 |      99.54874 (13012117)      109.69062 (13012117)      120.01954 (13012117)  
                                  130.39297 (13012117)      143.39722 (15072001)  
 3768535.1 |      96.50181 (13012117)      104.31568 (13012117)      112.75476 (15072001)  
                                  122.88655 (16012517)      134.05163 (15101101)  
 3768515.1 |      91.10382 (12110422)      99.55259 (12020617)      107.64226 (16012517)  
                                  114.98845 (15101222)      126.11931 (15101222)  
 3768495.1 |      87.78927 (16012517)      94.94580 (16012517)      102.16686 (15101222)  
                                  110.38840 (15101222)      116.90057 (16021519)  
 3768475.1 |      82.60041 (15101101)      90.16866 (15101222)      96.77224 (15101222)  
                                  102.41901 (16021519)      108.90308 (16102018)  
 3768455.1 |      79.57221 (15101222)      84.63751 (15101222)      89.87170 (16102018)  
                                  95.53837 (16102018)      100.79079 (15090922)  
 3768435.1 |      74.70066 (15101222)      78.94427 (16102018)      83.57836 (16102018)  
                                  88.39539 (15090922)      94.35633 (14051606)  
 3768415.1 |      70.93316 (16102018)      74.43229 (16102018)      78.32013 (15090922)  
                                  83.28686 (14051601)      89.17274 (14051606)

3768395.1		67.44936	(16102018)	70.47241	(15090922)	74.37443	(14051601)
79.61591		(14051606)	84.45459	(15101007)			
3768375.1		63.90423	(16022219)	66.89367	(14051601)	71.31352	(14051606)
75.55313		(15101007)	79.40818	(15101007)			
3768355.1		60.65860	(14051601)	64.16282	(14051606)	67.84949	(14051606)
71.86963		(15101007)	73.71696	(15101007)			
3768335.1		58.04651	(14051606)	61.38149	(14051606)	64.85756	(15101007)
67.39716		(15101007)	68.39414	(16100807)			
3768315.1		56.01513	(14051606)	58.73076	(15101007)	61.44918	(15101007)
62.70892		(15101007)	64.54015	(16100807)			
3768295.1		53.51803	(15101007)	56.22774	(15101007)	57.75891	(15101007)
59.02390		(16100807)	60.42193	(16100807)			
3768275.1		51.78220	(15101007)	53.40178	(15101007)	53.93246	(15101007)
55.84940		(16100807)	56.62101	(14120808)			
3768255.1		49.69822	(15101007)	50.30614	(15101007)	51.47013	(16100807)
52.61501		(16100807)	53.53257	(15100923)			
3768235.1		47.24364	(15101007)	47.46299	(16100807)	49.00572	(16100807)
49.59432		(14120808)	50.76536	(12100124)			
3768215.1		44.53575	(15101007)	45.62670	(16100807)	46.36451	(14120808)
47.07297		(15100923)	48.31122	(12100124)			
3768195.1		42.43444	(16100807)	43.45119	(16100807)	43.79697	(14120808)
44.78745		(12100124)	45.78047	(12100124)			
3768175.1		40.71216	(16100807)	41.17289	(14120808)	41.53473	(15100923)
42.73198		(12100124)	43.60247	(15100922)			
3768155.1		38.72652	(16100807)	38.94387	(14120808)	39.60657	(16092704)
40.66468		(12100124)	41.50564	(15100922)			
3768135.1		36.87855	(14120808)	37.10153	(15100923)	38.17730	(12100124)
38.99936		(15100922)	39.67432	(15100922)			
3768115.1		35.16943	(14120808)	35.65608	(16092704)	36.70811	(12100124)
37.53514		(15100922)	37.81040	(15100922)			
3768095.1		33.59691	(15100923)	34.40787	(12100124)	35.16445	(12100124)
35.95806		(15100922)	36.11280	(16113008)			
3768075.1		32.37135	(15100923)	33.16947	(12100124)	33.85810	(15100922)
34.34896		(15100922)	34.61983	(14011620)			
3768055.1		31.25012	(12100124)	31.90346	(12100124)	32.54118	(15100922)
32.77136		(15100922)	33.27873	(14011620)			
3768035.1		30.22776	(12100124)	30.71349	(15100922)	31.26799	(15100922)
31.44933		(16113008)	32.00859	(14011620)			
3768015.1		29.17495	(12100124)	29.67494	(15100922)	30.00387	(15100922)
30.25800		(14011620)	30.72590	(14011620)			
3767995.1		28.10464	(12100124)	28.62570	(15100922)	28.76346	(16113008)
29.19654		(14011620)	29.57038	(12093023)			
3767975.1		27.21599	(15100922)	27.57508	(15100922)	27.74098	(16113008)
28.15118		(14011620)	28.53202	(12093023)			
3767955.1		26.31217	(15100922)	26.53079	(15100922)	26.70839	(14011620)
27.12622		(14011620)	27.52131	(14101707)			
3767935.1		25.43338	(15100922)	25.55452	(16113008)	25.85395	(14011620)
26.11751		(14101707)	26.51352	(14101707)			
3767915.1		24.55337	(15100922)	24.71221	(16113008)	25.03888	(14011620)
25.32117		(14101707)	25.65864	(15072006)			

3767895.1	23.70477 (15100922)	23.87551 (16113008)	24.23335 (14011620)
24.56064 (14101707)	24.97408 (15072006)		
3767875.1	22.94708 (16113008)	23.18440 (14011620)	23.44040 (14011620)
23.78995 (14101707)	24.27832 (15072006)		
3767855.1	22.24111 (16113008)	22.51242 (14011620)	22.74715 (14101707)
23.03559 (14101707)	23.59664 (15072006)		
3767835.1	21.55756 (16113008)	21.84572 (14011620)	22.10776 (14101707)
22.36340 (15072006)	22.94999 (15072006)		
3767815.1	20.94712 (14011620)	21.18677 (14011620)	21.49608 (14101707)
21.80877 (15072006)	22.29843 (15072006)		
3767795.1	20.40834 (14011620)	20.57771 (14101707)	20.87440 (14101707)
21.27958 (15072006)	21.66333 (15072006)		
3767775.1	19.84880 (14011620)	20.05003 (14101707)	20.28175 (14101707)
20.72332 (15072006)	21.02762 (15072006)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 171

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435462.46	435482.46	435502.46
435522.46	435542.46		

3767755.1	19.31445 (14011620)	19.52688 (14101707)	19.69160 (15072006)
20.17795 (15072006)	20.41040 (15072006)		
3767735.1	18.76502 (14011620)	18.99364 (14101707)	19.23353 (15072006)
19.64411 (15072006)	19.81162 (15072006)		
3767715.1	18.28947 (14101707)	18.45334 (14101707)	18.76590 (15072006)

19.12226 (15072006)	19.23115 (15072006)		
3767695.1   17.79249 (14101707)	17.90860 (14101707)	18.30562 (15072006)	
18.61275 (15072006)	18.66880 (15072006)		
3767675.1   17.33126 (14101707)	17.41980 (15072006)	17.86747 (15072006)	
18.10155 (15072006)	18.12428 (15072006)		
3767655.1   16.89009 (14101707)	17.06377 (15072006)	17.45052 (15072006)	
17.61782 (15072006)	17.59725 (15072006)		
3767635.1   16.44175 (14101707)	16.69722 (15072006)	17.01435 (15072006)	
17.14683 (15072006)	17.08735 (15072006)		
3767615.1   16.00121 (14101707)	16.32209 (15072006)	16.58745 (15072006)	
16.67575 (15072006)	16.58147 (15072006)		
3767595.1   15.57432 (15072006)	15.95227 (15072006)	16.17005 (15072006)	
16.21822 (15072006)	16.09283 (15072006)		
3767575.1   15.25959 (15072006)	15.58822 (15072006)	15.77423 (15072006)	
15.78599 (15072006)	15.64449 (15072006)		
3767555.1   14.95864 (15072006)	15.25321 (15072006)	15.38736 (15072006)	
15.37755 (15072006)	15.19927 (15072006)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 172

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435562.46	435582.46	435602.46
435622.46	435642.46		

3768555.1	158.90473 (15071824)	176.02360 (15101222)	196.59122 (15101222)
217.55294 (15090922)	241.92180 (15101007)		

3768535.1		148.18284	(15101222)	161.04120	(15101222)	175.82813	(16102018)
193.03175		(14051606)	208.99271	(15101007)			
3768515.1		135.16445	(16021519)	146.44885	(16102018)	157.86976	(14051606)
172.80694		(15101007)	179.75876	(15101007)			
3768495.1		124.86995	(16102018)	132.82773	(15090922)	144.66756	(15101007)
154.30652		(15101007)	158.01021	(16100807)			
3768475.1		114.49537	(15090922)	123.81750	(14051606)	132.81667	(15101007)
136.43889		(16100807)	139.62011	(12100124)			
3768455.1		107.24383	(14051606)	115.01799	(15101007)	120.15292	(15101007)
123.27235		(16100807)	126.13554	(12100124)			
3768435.1		100.51198	(15101007)	106.38238	(15101007)	108.82369	(16100807)
111.26759		(14120808)	114.86160	(15100922)			
3768415.1		94.33875	(15101007)	97.13909	(15101007)	99.90629	(16100807)
102.51246		(12100124)	104.92850	(15100922)			
3768395.1		87.36951	(15101007)	89.45858	(16100807)	91.23193	(14120808)
94.26585		(12100124)	95.54405	(15100922)			
3768375.1		80.05003	(15101007)	82.63366	(16100807)	84.65461	(12100124)
87.18522		(15100922)	88.04543	(14011620)			
3768355.1		74.99819	(16100807)	76.26914	(14120808)	78.70810	(12100124)
80.38717		(15100922)	81.76717	(12093023)			
3768335.1		69.80472	(16100807)	71.05832	(12100124)	73.34726	(15100922)
74.18175		(15100922)	75.95000	(12093023)			
3768315.1		64.97557	(14120808)	66.87910	(12100124)	68.57938	(15100922)
69.40714		(14011620)	71.30465	(15072006)			
3768295.1		60.99535	(15100923)	62.73492	(12100124)	64.11838	(15100922)
64.96632		(14011620)	67.02191	(15072006)			
3768275.1		57.67493	(12100124)	59.13996	(15100922)	59.75305	(15100922)
61.14681		(12093023)	63.04672	(15072006)			
3768255.1		54.53717	(12100124)	55.70804	(15100922)	56.35808	(14011620)
57.58699		(12093023)	59.51947	(15072006)			
3768235.1		51.57944	(15100922)	52.38504	(15100922)	53.24528	(14011620)
54.59084		(15072006)	56.15490	(15072006)			
3768215.1		48.96116	(15100922)	49.26775	(16113008)	50.37592	(12093023)
51.94837		(15072006)	53.02471	(15072006)			
3768195.1		46.38659	(15100922)	46.83977	(14011620)	47.92846	(12093023)
49.44301		(15072006)	50.11218	(15072006)			
3768175.1		43.94667	(15100922)	44.64494	(14011620)	45.58695	(12093023)
47.07139		(15072006)	47.45751	(15072006)			
3768155.1		41.70623	(16113008)	42.58664	(14011620)	43.52720	(15072006)
44.82910		(15072006)	44.92894	(15072006)			
3768135.1		39.89969	(14011620)	40.82558	(12093023)	41.88426	(15072006)
42.80669		(15072006)	42.62071	(15072006)			
3768115.1		38.35209	(14011620)	39.23078	(12093023)	40.24822	(15072006)
40.84433		(15072006)	40.73340	(16102019)			
3768095.1		36.72360	(14011620)	37.53774	(12093023)	38.59181	(15072006)
38.94815		(15072006)	38.97842	(16102019)			
3768075.1		35.14211	(14011620)	35.95367	(15072006)	37.00752	(15072006)
37.15952		(15072006)	37.32876	(16102019)			
3768055.1		33.76468	(12093023)	34.67597	(15072006)	35.49419	(15072006)
35.47242		(15072006)	35.72973	(16102019)			

3768035.1	32.43913 (12093023)	33.40458 (15072006)	34.05010 (15072006)
33.84766 (15072006)	34.27182 (16102019)		
3768015.1	31.19352 (12093023)	32.20914 (15072006)	32.67317 (15072006)
32.38984 (16102019)	32.85638 (16102019)		
3767995.1	30.04429 (15072006)	31.05528 (15072006)	31.39045 (15072006)
31.25330 (16102019)	31.55319 (12091522)		
3767975.1	29.08243 (15072006)	29.94325 (15072006)	30.13892 (15072006)
30.20634 (16102019)	30.48871 (12091522)		
3767955.1	28.14531 (15072006)	28.81955 (15072006)	28.89489 (15072006)
29.06839 (16102019)	29.33573 (12091522)		
3767935.1	27.23423 (15072006)	27.69090 (15072006)	27.63777 (15072006)
27.92301 (16102019)	28.17967 (12091522)		
3767915.1	26.37460 (15072006)	26.68569 (15072006)	26.54342 (15072006)
26.90205 (16102019)	27.15260 (12091522)		
3767895.1	25.54008 (15072006)	25.72188 (15072006)	25.53388 (16102019)
25.96291 (16102019)	26.15016 (12091522)		
3767875.1	24.73105 (15072006)	24.82034 (15072006)	24.72053 (16102019)
25.06953 (16102019)	25.20166 (12091522)		
3767855.1	23.94769 (15072006)	23.93436 (15072006)	23.96850 (16102019)
24.25003 (12091522)	24.35832 (12091522)		
3767835.1	23.18993 (15072006)	23.10582 (15072006)	23.24679 (16102019)
23.47099 (12091522)	23.53061 (12091522)		
3767815.1	22.43834 (15072006)	22.29229 (15072006)	22.50482 (16102019)
22.72775 (12091522)	22.74441 (12091522)		
3767795.1	21.73189 (15072006)	21.51332 (15072006)	21.84212 (16102019)
22.04200 (12091522)	22.04453 (12091522)		
3767775.1	21.03243 (15072006)	20.81847 (16102019)	21.20586 (16102019)
21.38607 (12091522)	21.35406 (12091522)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 173

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

\*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*



\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	435562.46		435582.46	435602.46
	435622.46	435642.46		

-----

3767755.1	20.35852 (15072006)	20.28547 (16102019)	20.61643 (16102019)
20.77998 (12091522)	20.71734 (12091522)		
3767735.1	19.72550 (15072006)	19.72855 (16102019)	19.98730 (16102019)
20.13660 (12091522)	20.04711 (12091522)		
3767715.1	19.09980 (15072006)	19.17181 (16102019)	19.36469 (16102019)
19.50199 (12091522)	19.40885 (12091522)		
3767695.1	18.49742 (15072006)	18.65474 (16102019)	18.84045 (12091522)
18.95355 (12091522)	18.85756 (12091522)		
3767675.1	17.91758 (15072006)	18.15611 (16102019)	18.30925 (12091522)
18.42762 (12091522)	18.32517 (14011623)		
3767655.1	17.39669 (16102019)	17.67520 (16102019)	17.81681 (12091522)
17.90542 (12091522)	17.82101 (14011623)		
3767635.1	16.97213 (16102019)	17.22825 (16102019)	17.36013 (12091522)
17.40486 (12091522)	17.32025 (14011623)		
3767615.1	16.56059 (16102019)	16.78014 (16102019)	16.92009 (12091522)
16.94108 (12091522)	16.84082 (14011623)		
3767595.1	16.16172 (16102019)	16.33209 (16102019)	16.48021 (12091522)
16.47980 (12091522)	16.38152 (14011623)		
3767575.1	15.77514 (16102019)	15.91543 (16102019)	16.05668 (12091522)
16.05205 (12091522)	15.95703 (14011623)		
3767555.1	15.40050 (16102019)	15.51459 (12091522)	15.64874 (12091522)
15.62615 (12091522)	15.54936 (14011623)		

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 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 174

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L000001 , L000002  
 , L000003 , L000004 , L000005 ,  
 L000006 , L000007 , L000008 , L000009 , L000010  
 , L000011 , L000012 , L000013 ,  
 L000014 , L000015 , L000016 , L000017 , L000018  
 , L000019 , L000020 , L000021 ,  
 L000022 , L000023 , L000024 , L000025 , L000026  
 , L000027 , L000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	435662.46	435742.46	435682.46	X-COORD (METERS) 435702.46
---------------------	-----------	-----------	-----------	-------------------------------

-----

3768555.1	252.93896 (13020917)	250.10253 (15072006)	257.10466 (15072006)
333.78197 (12121716)	387.05267 (12121716)		
3768535.1	211.41738 (16100807)	213.85296 (15072006)	219.64452 (15072006)
227.66009 (12121716)	286.05008 (12121716)		
3768515.1	181.55323 (15092024)	186.80237 (15072006)	190.47205 (15072006)
189.61658 (16062006)	209.74736 (12121716)		
3768495.1	160.99975 (15100922)	166.19593 (15072006)	168.78469 (15072006)
166.82610 (16062006)	165.92610 (15103122)		
3768475.1	143.70000 (15100922)	149.08106 (15072006)	149.65688 (15072006)
148.18347 (16062006)	148.51482 (15103122)		
3768455.1	128.73766 (13090502)	134.24008 (15072006)	133.93689 (12091522)
132.59136 (13050223)	133.47637 (13100522)		
3768435.1	117.03018 (14101707)	121.98794 (15072006)	122.39734 (12091522)
120.62796 (13050223)	121.78752 (13100522)		
3768415.1	107.31744 (15072006)	111.45304 (15072006)	112.21018 (12091522)
110.58273 (12110524)	111.51918 (13100522)		
3768395.1	99.33941 (15072006)	102.11474 (15072006)	103.42467 (12091522)
102.01086 (12110524)	102.91976 (13100522)		
3768375.1	91.97366 (15072006)	93.51091 (15072006)	95.20610 (12091522)
93.98106 (12110524)	94.55417 (14122308)		
3768355.1	85.04337 (15072006)	85.85588 (16102019)	87.07234 (12091522)
86.35952 (12110524)	87.07044 (14122308)		
3768335.1	78.54464 (15072006)	78.82890 (16102019)	79.60985 (12091522)
79.00375 (12110524)	79.99801 (14122308)		
3768315.1	73.14229 (15072006)	73.33845 (16102019)	73.78368 (12091522)
73.46953 (12110524)	74.36929 (14122308)		
3768295.1	68.12068 (15072006)	68.62561 (12091522)	68.71873 (12091522)
68.53439 (12110524)	69.22122 (14122308)		
3768275.1	63.64036 (15072006)	64.36366 (12091522)	64.28774 (12091522)
64.11513 (12110524)	64.50531 (14122308)		
3768255.1	59.54579 (15072006)	60.59714 (12091522)	60.21799 (14011623)
60.14195 (12110524)	60.50409 (14122308)		
3768235.1	56.15604 (16102019)	57.15485 (12091522)	56.68141 (14011623)
56.56729 (16042323)	56.89308 (14122308)		
3768215.1	53.23248 (16102019)	53.91447 (12091522)	53.37111 (14011623)
53.35691 (16042323)	53.62241 (14122308)		
3768195.1	50.44336 (16102019)	51.02757 (12091522)	50.43263 (12110524)
50.43924 (16042323)	50.64981 (14122308)		

3768175.1	47.93611 (16102019)	48.29830 (12091522)	47.87629 (12110524)
47.77868 (16042323)	47.94292 (16021504)		
3768155.1	45.55327 (12091522)	45.85515 (12091522)	45.45558 (12110524)
45.40735 (16042323)	45.47829 (16021504)		
3768135.1	43.51825 (12091522)	43.72020 (12091522)	43.35911 (12110524)
43.16977 (16042323)	43.27418 (16021504)		
3768115.1	41.55754 (12091522)	41.62061 (12091522)	41.29756 (12110524)
41.05760 (16042323)	41.20620 (16042323)		
3768095.1	39.61986 (12091522)	39.46368 (12091522)	39.11066 (12110524)
38.90867 (16042323)	39.05145 (16042323)		
3768075.1	37.81537 (12091522)	37.54020 (14011623)	37.25851 (12110524)
37.02838 (16042323)	37.16388 (16042323)		
3768055.1	36.13235 (12091522)	35.77729 (14011623)	35.54448 (12110524)
35.38332 (16042323)	35.46569 (16042323)		
3768035.1	34.56031 (12091522)	34.18697 (14011623)	34.00229 (12110524)
33.85687 (16042323)	33.93465 (16042323)		
3768015.1	33.08983 (12091522)	32.66078 (14011623)	32.56694 (12110524)
32.43742 (16042323)	32.55100 (16042323)		
3767995.1	31.67291 (12091522)	31.28002 (14011623)	31.18636 (12110524)
31.11480 (16042323)	31.25984 (16042323)		
3767975.1	30.49484 (12091522)	30.02829 (14011623)	29.97798 (12110524)
29.88000 (16042323)	30.01731 (16042323)		
3767955.1	29.27749 (12091522)	28.85411 (14011623)	28.84521 (12110524)
28.75908 (16042323)	28.88882 (16042323)		
3767935.1	28.09958 (12091522)	27.75943 (12110524)	27.78163 (12110524)
27.73934 (16042323)	27.86171 (16042323)		
3767915.1	26.99204 (12091522)	26.75203 (12110524)	26.78152 (12110524)
26.74923 (16042323)	26.86522 (16042323)		
3767895.1	25.97949 (12091522)	25.83443 (12110524)	25.83972 (12110524)
25.81738 (16042323)	25.89911 (16042323)		
3767875.1	25.03388 (14011623)	24.93747 (12110524)	24.95162 (12110524)
24.93908 (16042323)	24.96270 (16042323)		
3767855.1	24.18483 (14011623)	24.11878 (12110524)	24.11305 (12110524)
24.11013 (16042323)	24.10686 (16042323)		
3767835.1	23.37995 (14011623)	23.34339 (12110524)	23.32025 (12110524)
23.30206 (16042323)	23.32369 (16042323)		
3767815.1	22.59018 (14011623)	22.58228 (12110524)	22.54389 (12110524)
22.53836 (16042323)	22.55911 (16042323)		
3767795.1	21.86604 (14011623)	21.86087 (12110524)	21.80917 (12110524)
21.83818 (16042323)	21.85806 (16042323)		
3767775.1	21.17762 (14011623)	21.17635 (12110524)	21.13671 (12110524)
21.19544 (16042323)	21.21446 (16042323)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	X-COORD (METERS)
435722.46	435662.46
	435742.46
	435682.46
	435702.46

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3767755.1 | 20.52259 (14011623) 20.54886 (12110524) 20.52057 (12110524)
20.60461 (16042323) 20.64302 (16042323)
3767735.1 | 19.85552 (14011623) 19.88622 (12110524) 19.86912 (12110524)
19.98290 (16042323) 20.03922 (16042323)
3767715.1 | 19.23822 (13050223) 19.27790 (12110524) 19.25062 (12110524)
19.39197 (16042323) 19.44612 (16042323)
3767695.1 | 18.70752 (13050223) 18.75927 (12110524) 18.72254 (12110524)
18.84772 (16042323) 18.88182 (16042323)
3767675.1 | 18.19984 (13050223) 18.26337 (12110524) 18.21824 (12110524)
18.32883 (16042323) 18.34441 (16042323)
3767655.1 | 17.69780 (13050223) 17.77044 (12110524) 17.71801 (12110524)
17.83366 (16042323) 17.83213 (16042323)
3767635.1 | 17.20209 (13050223) 17.29910 (12110524) 17.22266 (12110524)
17.34478 (16042323) 17.35928 (16042323)
3767615.1 | 16.74652 (12110524) 16.83102 (12110524) 16.74969 (12110524)
16.87793 (16042323) 16.90726 (16042323)
3767595.1 | 16.31177 (12110524) 16.38330 (12110524) 16.31397 (12110524)
16.44655 (16042323) 16.48953 (16042323)
3767575.1 | 15.91078 (12110524) 15.98634 (12110524) 15.89678 (12110524)
16.03350 (16042323) 16.07493 (16042323)
3767555.1 | 15.52568 (12110524) 15.57469 (12110524) 15.49758 (12111119)
15.63771 (16042323) 15.66400 (16042323)

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\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 10:46:33

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435762.46	435782.46	435802.46
	435822.46	435842.46	

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3768555.1	419.18830 (12121716)	436.59117 (12121716)	442.59069 (12121716)
422.99876 (12121716)	314.13028 (12121716)		
3768535.1	324.44094 (12121716)	346.98877 (12121716)	358.82231 (12121716)
353.85611 (12121716)	301.80779 (12121716)		
3768515.1	252.28173 (12121716)	280.14021 (12121716)	296.07850 (12121716)
299.28812 (12121716)	275.57977 (12121716)		
3768495.1	195.39277 (12121716)	226.50340 (12121716)	246.50330 (12121716)
255.22824 (12121716)	246.53689 (12121716)		
3768475.1	151.09113 (16040918)	182.17754 (12121716)	205.22684 (12121716)
218.26088 (12121716)	218.80963 (12121716)		
3768455.1	135.63915 (16040918)	145.18464 (12121716)	169.91767 (12121716)
186.32443 (12121716)	192.92887 (12121716)		
3768435.1	122.90962 (16040918)	121.14759 (14011608)	139.74908 (12121716)
158.34501 (12121716)	169.08852 (12121716)		
3768415.1	112.24006 (14050101)	110.98957 (16040918)	113.86168 (12121716)
133.62934 (12121716)	147.12531 (12121716)		
3768395.1	103.27137 (14050101)	102.23013 (12110423)	101.02474 (14011608)
111.73385 (12121716)	126.97645 (12121716)		
3768375.1	95.09858 (14050101)	94.42735 (12110423)	92.84035 (14011608)
92.65047 (12121716)	108.62041 (12121716)		
3768355.1	87.50290 (14050101)	87.29698 (12110423)	85.59735 (14011608)
84.37888 (14011608)	92.08755 (12121716)		
3768335.1	80.78823 (14050101)	80.92254 (12110423)	78.88325 (14011608)
78.79605 (14011608)	77.43783 (12121716)		

3768315.1	74.82760 (14050101)	75.20499 (12110423)	73.72278 (12110423)
73.47209 (14011608)	71.87735 (15110717)		
3768295.1	69.51489 (14050101)	70.21944 (14050101)	69.26792 (12110423)
68.65718 (14011608)	67.66122 (15110717)		
3768275.1	64.90873 (14122308)	65.68532 (14050101)	65.08258 (12110423)
64.29222 (14011608)	63.95824 (14011608)		
3768255.1	60.77251 (14122308)	61.37106 (14050101)	60.97852 (12110423)
59.88288 (14011608)	60.19947 (14011608)		
3768235.1	57.04224 (14122308)	57.46429 (14050101)	57.22662 (12110423)
55.91613 (14011608)	56.74752 (14011608)		
3768215.1	53.84634 (14122308)	54.09873 (14050101)	53.94961 (12110423)
53.03593 (12110423)	53.50412 (14011608)		
3768195.1	50.84984 (14122308)	51.10786 (14050101)	51.07967 (12110423)
50.48817 (12110423)	50.46267 (14011608)		
3768175.1	48.26736 (14122308)	48.43921 (14050101)	48.42369 (12110423)
48.10027 (12110423)	47.67633 (14011608)		
3768155.1	45.89294 (14122308)	46.04769 (14050101)	46.11506 (14050101)
45.80458 (12110423)	44.95062 (14011608)		
3768135.1	43.76807 (14122308)	43.83202 (14050101)	44.03117 (14050101)
43.81515 (12110423)	42.67628 (16021507)		
3768115.1	41.68249 (14122308)	41.71833 (14050101)	42.08329 (14050101)
41.84216 (12110423)	40.91016 (12110423)		
3768095.1	39.53324 (14122308)	39.43189 (14050101)	39.78135 (14050101)
39.57211 (12110423)	38.87355 (12110423)		
3768075.1	37.60499 (14122308)	37.42756 (14050101)	37.80138 (14050101)
37.58821 (12110423)	37.08362 (12110423)		
3768055.1	35.87254 (14122308)	35.68827 (13122422)	36.01084 (14050101)
35.82414 (12110423)	35.52611 (12110423)		
3768035.1	34.36013 (14122308)	34.17776 (13122422)	34.48446 (14050101)
34.29946 (12110423)	34.17663 (12110423)		
3768015.1	32.90597 (14122308)	32.79997 (14122308)	33.05434 (14050101)
32.87212 (14050101)	32.85564 (12110423)		
3767995.1	31.59181 (14122308)	31.52899 (14122308)	31.75401 (14050101)
31.65933 (14050101)	31.63845 (12110423)		
3767975.1	30.36223 (14122308)	30.37495 (14122308)	30.53014 (14050101)
30.51098 (14050101)	30.48114 (12110423)		
3767955.1	29.24688 (14122308)	29.28863 (14122308)	29.41321 (14050101)
29.42293 (14050101)	29.38053 (12110423)		
3767935.1	28.19800 (14122308)	28.26470 (14122308)	28.35726 (14050101)
28.45941 (14050101)	28.33358 (12110423)		
3767915.1	27.17737 (14122308)	27.26626 (14122308)	27.26217 (14050101)
27.44473 (14050101)	27.33735 (12110423)		
3767895.1	26.18529 (14122308)	26.26309 (14122308)	26.19963 (14050101)
26.42185 (14050101)	26.33554 (12110423)		
3767875.1	25.19147 (14122308)	25.28826 (14122308)	25.13929 (14050101)
25.39490 (14050101)	25.31045 (14050101)		
3767855.1	24.34234 (14122308)	24.45413 (14122308)	24.29067 (13122422)
24.50956 (14050101)	24.50498 (14050101)		
3767835.1	23.53967 (14122308)	23.66430 (14122308)	23.49883 (13122422)
23.69667 (14050101)	23.73608 (14050101)		

3767815.1	22.72814 (14122308)	22.88996 (14122308)	22.72231 (13122422)
22.92374 (14050101)	23.00176 (14050101)		
3767795.1	21.98590 (14122308)	22.13148 (14122308)	21.98547 (13122422)
22.18824 (14050101)	22.30011 (14050101)		
3767775.1	21.28268 (14122308)	21.41261 (14122308)	21.30843 (13122422)
21.51124 (14050101)	21.62935 (14050101)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 177

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435762.46	435782.46	435802.46
435822.46	435842.46		

3767755.1	20.70631 (14122308)	20.84348 (14122308)	20.70740 (13122422)
20.88726 (14050101)	21.00991 (14050101)		
3767735.1	20.09085 (14122308)	20.23449 (14122308)	20.11799 (14122308)
20.22655 (14050101)	20.37388 (14050101)		
3767715.1	19.46379 (14122308)	19.61300 (14122308)	19.51717 (14122308)
19.59684 (14050101)	19.76573 (14050101)		
3767695.1	18.89333 (16021504)	19.06140 (14122308)	18.98355 (14122308)
19.01586 (14050101)	19.20353 (14050101)		
3767675.1	18.35390 (16021504)	18.51587 (14122308)	18.47332 (14122308)
18.46068 (14050101)	18.66473 (14050101)		
3767655.1	17.83955 (16021504)	18.01371 (14122308)	17.98508 (14122308)
17.95460 (13122422)	18.12999 (14050101)		
3767635.1	17.38001 (16021504)	17.53363 (14122308)	17.50019 (14122308)





3768455.1	185.77677 (12121716)	163.87399 (12121716)	131.83461 (12121716)
106.42124 (15082822)	101.63924 (15082822)		
3768435.1	169.02564 (12121716)	156.60773 (12121716)	133.63068 (12121716)
105.04406 (12121716)	94.59178 (15082822)		
3768415.1	152.07732 (12121716)	146.81810 (12121716)	131.58027 (12121716)
109.29230 (12121716)	88.26143 (15101303)		
3768395.1	135.44631 (12121716)	135.48007 (12121716)	126.66318 (12121716)
110.36725 (12121716)	89.74764 (12121716)		
3768375.1	119.43586 (12121716)	123.41836 (12121716)	119.69864 (12121716)
108.75603 (12121716)	92.59160 (12121716)		
3768355.1	104.28959 (12121716)	111.10020 (12121716)	111.37983 (12121716)
105.02778 (12121716)	93.14157 (12121716)		
3768335.1	90.22273 (12121716)	98.91333 (12121716)	102.25746 (12121716)
99.71472 (12121716)	91.74486 (12121716)		
3768315.1	77.39781 (12121716)	87.21101 (12121716)	92.78764 (12121716)
93.30554 (12121716)	88.74795 (12121716)		
3768295.1	66.88335 (16102020)	76.24194 (12121716)	83.32718 (12121716)
86.21768 (12121716)	84.55963 (12121716)		
3768275.1	62.74313 (14100522)	66.13371 (12121716)	74.16032 (12121716)
78.81007 (12121716)	79.49250 (12121716)		
3768255.1	58.89211 (15110717)	58.81447 (16102020)	65.40118 (12121716)
71.26450 (12121716)	73.80412 (12121716)		
3768235.1	55.85694 (15110717)	55.33327 (14100522)	57.20993 (12121716)
63.83533 (12121716)	67.77182 (12121716)		
3768215.1	53.04408 (14011608)	52.12761 (14100522)	51.76274 (16102020)
56.70188 (12121716)	61.62651 (12121716)		
3768195.1	50.36020 (14011608)	49.05659 (14100522)	48.93622 (16102020)
49.99239 (12121716)	55.55426 (12121716)		
3768175.1	47.80113 (14011608)	46.75134 (15110717)	46.29269 (14100522)
45.89224 (16102020)	49.68043 (12121716)		
3768155.1	45.36862 (14011608)	44.57627 (15110717)	43.87242 (14100522)
43.71768 (16102020)	44.11333 (12121716)		
3768135.1	43.11503 (14011608)	42.60686 (14011608)	41.53706 (14100522)
41.62736 (16102020)	41.10081 (16102020)		
3768115.1	40.92888 (14011608)	40.66209 (14011608)	39.77900 (15110717)
39.60657 (14100522)	39.36417 (16102020)		
3768095.1	38.67305 (14011608)	38.74793 (14011608)	38.14265 (15110717)
37.71700 (14100522)	37.63525 (16102020)		
3768075.1	36.64289 (14011608)	37.00965 (14011608)	36.62937 (14011608)
35.88357 (14100522)	35.97126 (16102020)		
3768055.1	34.81950 (14011608)	35.38989 (14011608)	35.18844 (14011608)
34.55734 (15110717)	34.43396 (14100522)		
3768035.1	33.32134 (16021507)	33.84065 (14011608)	33.82972 (14011608)
33.32078 (15110717)	32.96036 (14100522)		
3768015.1	32.19820 (12110423)	32.36125 (14011608)	32.51295 (14011608)
32.10668 (15110717)	31.52100 (14100522)		
3767995.1	31.12118 (12110423)	30.95037 (14011608)	31.24030 (14011608)
30.99698 (14011608)	30.42169 (15110717)		
3767975.1	30.08704 (12110423)	29.67208 (14011608)	30.07840 (14011608)
29.92502 (14011608)	29.44061 (15110717)		

3767955.1	29.09466 (12110423)	28.41938 (14011608)	28.92424 (14011608)
28.90876 (14011608)	28.49866 (15110717)		
3767935.1	28.14277 (12110423)	27.51806 (16021507)	27.81289 (14011608)
27.94550 (14011608)	27.60045 (14011608)		
3767915.1	27.23000 (12110423)	26.66842 (16021507)	26.71720 (14011608)
26.97909 (14011608)	26.76546 (14011608)		
3767895.1	26.32893 (12110423)	25.85392 (12110423)	25.66679 (14011608)
26.01557 (14011608)	25.94338 (14011608)		
3767875.1	25.41661 (12110423)	25.03395 (12110423)	24.61147 (14011608)
25.03502 (14011608)	25.08932 (14011608)		
3767855.1	24.56962 (12110423)	24.26844 (12110423)	23.74024 (16021507)
24.16048 (14011608)	24.30206 (14011608)		
3767835.1	23.78302 (12110423)	23.50871 (12110423)	23.04225 (16021507)
23.31533 (14011608)	23.53328 (14011608)		
3767815.1	22.98570 (12110423)	22.80004 (12110423)	22.34206 (16021507)
22.41539 (14011608)	22.74287 (14011608)		
3767795.1	22.26653 (12110423)	22.13900 (12110423)	21.73760 (12110423)
21.59247 (14011608)	21.97629 (14011608)		
3767775.1	21.55729 (12110423)	21.50204 (12110423)	21.16699 (12110423)
20.85564 (16020902)	21.21453 (14011608)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 179

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435862.46	435882.46	435902.46
435922.46	435942.46		

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436022.46

436042.46

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3768555.1   125.91612 (12102717)	115.45412 (12102717)	105.38105 (12102717)
95.92408 (12102717)	88.39412 (16060221)	
3768535.1   119.33796 (15012217)	109.08317 (12102717)	102.14232 (12102717)
95.03398 (12102717)	88.02825 (12102717)	
3768515.1   112.73685 (13103117)	105.02975 (15012217)	97.44154 (15012217)
89.99659 (14110517)	85.02303 (12102717)	
3768495.1   107.54083 (12012417)	100.08445 (13083103)	92.81633 (13103117)
87.33437 (15012217)	81.56944 (15012217)	
3768475.1   100.53794 (15101304)	94.97075 (12012417)	89.33974 (12012417)
83.44685 (13083103)	78.35054 (15012217)	
3768455.1   95.11700 (14082724)	89.50221 (15101304)	84.48068 (12012417)
80.39324 (12012417)	75.73959 (13083103)	
3768435.1   90.39423 (15082822)	84.89613 (14082724)	80.32887 (15101304)
75.64300 (12012417)	72.67768 (12012417)	
3768415.1   84.58990 (15082822)	81.04414 (15082822)	76.48026 (14082724)
72.66290 (12082921)	68.55977 (15101304)	
3768395.1   78.76150 (15101303)	76.30939 (15082822)	73.33540 (15082822)
69.34590 (14082724)	66.16959 (12082921)	
3768375.1   75.43057 (15101303)	70.92323 (15101303)	69.36717 (15082822)
66.79471 (15082822)	63.19031 (14082724)	
3768355.1   77.81385 (12121716)	68.36241 (15101303)	64.49373 (13012319)
63.38162 (15082822)	61.06255 (15082822)	
3768335.1   79.72195 (12121716)	65.58248 (12121716)	62.45473 (15101303)
59.18038 (15082822)	58.08183 (15082822)	
3768315.1   79.93188 (12121716)	68.28113 (12121716)	59.82891 (15101303)
57.15611 (15101303)	54.51853 (15082822)	
3768295.1   78.66575 (12121716)	69.55665 (12121716)	58.55202 (12121716)
55.03825 (15101303)	52.48520 (15101303)	
3768275.1   76.18913 (12121716)	69.52400 (12121716)	60.49123 (12121716)
52.41146 (15101303)	50.76246 (15101303)	
3768255.1   72.73254 (12121716)	68.33251 (12121716)	61.30957 (12121716)
52.56785 (12121716)	48.61947 (15101303)	
3768235.1   68.54583 (12121716)	66.19026 (12121716)	61.09649 (12121716)
53.96284 (12121716)	46.30203 (16072622)	
3768215.1   63.88111 (12121716)	63.27859 (12121716)	59.98450 (12121716)
54.47616 (12121716)	47.47831 (12121716)	
3768195.1   58.92761 (12121716)	59.79649 (12121716)	58.11483 (12121716)
54.16372 (12121716)	48.48833 (12121716)	
3768175.1   53.86657 (12121716)	55.90042 (12121716)	55.61825 (12121716)
53.11452 (12121716)	48.76842 (12121716)	
3768155.1   48.82864 (12121716)	51.76687 (12121716)	52.66641 (12121716)
51.46248 (12121716)	48.38490 (12121716)	
3768135.1   43.92568 (12121716)	47.52969 (12121716)	49.38602 (12121716)
49.31441 (12121716)	47.40854 (12121716)	
3768115.1   39.24194 (12121716)	43.29981 (12121716)	45.89347 (12121716)
46.77202 (12121716)	45.92761 (12121716)	

3768095.1	37.05735 (16102020)	39.14478 (12121716)	42.27651 (12121716)
43.92360 (12121716)	43.99616 (12121716)		
3768075.1	35.69551 (16102020)	35.16004 (12121716)	38.65792 (12121716)
40.91142 (12121716)	41.76469 (12121716)		
3768055.1	34.32210 (16102020)	33.75651 (16102020)	35.11547 (12121716)
37.82633 (12121716)	39.32009 (12121716)		
3768035.1	32.95075 (16102020)	32.64243 (16102020)	31.90569 (16021503)
34.72523 (12121716)	36.72949 (12121716)		
3768015.1	31.59519 (14100522)	31.47639 (16102020)	30.87087 (16102020)
31.66993 (12121716)	34.05860 (12121716)		
3767995.1	30.37183 (14100522)	30.33616 (16102020)	29.92459 (16102020)
29.24959 (16021503)	31.36519 (12121716)		
3767975.1	29.13448 (14100522)	29.13830 (16102020)	28.92784 (16102020)
28.24155 (16021503)	28.70535 (12121716)		
3767955.1	27.95486 (14100522)	28.04324 (14100522)	27.94845 (16102020)
27.47249 (16102020)	26.86993 (16021503)		
3767935.1	27.05588 (15110717)	27.03027 (14100522)	27.04422 (16102020)
26.76566 (16102020)	26.14835 (16021503)		
3767915.1	26.28757 (15110717)	26.05681 (14100522)	26.06175 (16102020)
25.91515 (16102020)	25.39490 (16102020)		
3767895.1	25.50031 (15110717)	25.04656 (14100522)	25.14181 (14100522)
25.05713 (16102020)	24.67001 (16102020)		
3767875.1	24.70030 (15110717)	24.23070 (15110717)	24.21681 (14100522)
24.15178 (16102020)	23.90598 (16102020)		
3767855.1	24.01226 (14011608)	23.58316 (15110717)	23.35345 (14100522)
23.34303 (16102020)	23.19982 (16102020)		
3767835.1	23.32212 (14011608)	22.91774 (15110717)	22.52705 (14100522)
22.60449 (14100522)	22.52961 (16102020)		
3767815.1	22.62199 (14011608)	22.27756 (15110717)	21.84915 (15110717)
21.88368 (14100522)	21.83399 (16102020)		
3767795.1	21.93573 (14011608)	21.63816 (14011608)	21.29531 (15110717)
21.14858 (14100522)	21.12513 (14100522)		
3767775.1	21.26452 (14011608)	21.05174 (14011608)	20.74226 (15110717)
20.42416 (14100522)	20.50510 (14100522)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 181

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
436022.46	435962.46	435982.46	436002.46
	436042.46		

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-----  
3767755.1 | 20.59050 (14011608) 20.47284 (14011608) 20.19216 (15110717)  
19.81827 (15110717) 19.84897 (14100522)  
3767735.1 | 19.93436 (14011608) 19.90282 (14011608) 19.64686 (15110717)  
19.33814 (15110717) 19.19997 (14100522)  
3767715.1 | 19.31418 (14011608) 19.34281 (14011608) 19.13606 (14011608)  
18.85801 (15110717) 18.52434 (14100522)  
3767695.1 | 18.71137 (14011608) 18.77683 (14011608) 18.63521 (14011608)  
18.37968 (15110717) 18.00860 (15110717)  
3767675.1 | 18.10970 (14011608) 18.22355 (14011608) 18.14083 (14011608)  
17.90471 (15110717) 17.61788 (15110717)  
3767655.1 | 17.54255 (14011608) 17.69941 (14011608) 17.65396 (14011608)  
17.44907 (15110717) 17.22538 (15110717)  
3767635.1 | 16.97761 (14011608) 17.17247 (14011608) 17.19076 (14011608)  
17.03515 (14011608) 16.81860 (15110717)  
3767615.1 | 16.47188 (13052406) 16.67427 (14011608) 16.73564 (14011608)  
16.63102 (14011608) 16.44077 (15110717)  
3767595.1 | 16.04194 (13052406) 16.20339 (14011608) 16.30349 (14011608)  
16.24523 (14011608) 16.06421 (15110717)  
3767575.1 | 15.60191 (13052406) 15.73080 (14011608) 15.86562 (14011608)  
15.86343 (14011608) 15.69964 (14011608)  
3767555.1 | 15.18416 (13052406) 15.27135 (14011608) 15.43720 (14011608)  
15.47303 (14011608) 15.35385 (14011608)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 182

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010

, L0000011 , L0000012 , L0000013 ,  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436062.46	436082.46	436102.46
	436122.46	436142.46	

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-----
3768555.1 |      82.48652 (14070522)      77.22048 (14070522)      72.24760 (14070522)
  68.16723 (15082519)      64.40549 (15082519)
3768535.1 |      81.27886 (12102717)      75.32571 (15080322)      70.38866 (16060221)
  66.26094 (14070522)      62.67173 (14070522)
3768515.1 |      80.01964 (12102717)      75.00674 (12102717)      70.02197 (12102717)
  65.17019 (12102717)      61.30113 (15080322)
3768495.1 |      76.04924 (14110517)      72.29843 (12102717)      68.62650 (12102717)
  64.83680 (12102717)      61.05006 (12102717)
3768475.1 |      74.18547 (15012217)      69.67154 (15012217)      65.42183 (14110517)
  62.44757 (12102717)      59.66734 (12102717)
3768455.1 |      71.11104 (13103117)      67.43660 (15012217)      64.05611 (15012217)
  60.41626 (15012217)      57.06978 (14110517)
3768435.1 |      68.92334 (13083103)      65.08354 (13083103)      61.54758 (13103117)
  58.84028 (15012217)      56.05097 (15012217)
3768415.1 |      65.94246 (12012417)      63.05415 (12012417)      59.93993 (13083103)
  56.78325 (13103117)      54.03909 (15012217)
3768395.1 |      62.71996 (15101304)      60.10306 (12012417)      57.90913 (12012417)
  55.32705 (13083103)      52.64986 (13083103)
3768375.1 |      60.52698 (12082921)      57.63041 (15101304)      54.96344 (12012417)
  53.36124 (12012417)      51.23326 (12012417)
3768355.1 |      57.88747 (14082724)      55.62110 (12082921)      53.16900 (15101304)
  50.58734 (14090904)      49.26234 (12012417)
3768335.1 |      56.06177 (15082822)      53.28351 (14082724)      51.37385 (12082921)
  49.29553 (15101304)      47.06037 (15101304)
3768315.1 |      53.52212 (15082822)      51.79104 (15082822)      49.35865 (15082822)
  47.67589 (12082921)      45.83542 (15101304)
3768295.1 |      50.43830 (15082822)      49.57543 (15082822)      48.04502 (15082822)
  45.94033 (15082822)      44.36375 (12082921)
3768275.1 |      48.38622 (15101303)      46.84371 (15082822)      46.09775 (15082822)
  44.77163 (15082822)      42.87577 (15082822)
3768255.1 |      47.01690 (15101303)      44.76876 (15101303)      43.69546 (15082822)
  43.01437 (15082822)      41.79862 (15082822)

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3768235.1	45.26340 (15101303)	43.68128 (15101303)	41.64826 (14011607)
40.85407 (15082822)	40.23292 (15082822)		
3768215.1	43.22653 (15101303)	42.32301 (15101303)	40.77249 (15101303)
38.96968 (14011607)	38.37313 (15082822)		
3768195.1	41.75727 (12121716)	40.61575 (15101303)	39.66371 (15101303)
38.15543 (15101303)	36.65615 (13012319)		
3768175.1	43.10115 (12121716)	39.01620 (16072622)	38.23060 (15101303)
37.25175 (15101303)	35.82156 (15101303)		
3768155.1	43.81919 (12121716)	38.28376 (12121716)	36.74857 (16072622)
36.07783 (15101303)	35.11391 (15101303)		
3768135.1	43.93650 (12121716)	39.30534 (12121716)	35.60579 (14100207)
34.71703 (15101303)	34.12706 (15101303)		
3768115.1	43.50313 (12121716)	39.79933 (12121716)	35.21175 (12121716)
33.57996 (16072622)	32.93649 (15101303)		
3768095.1	42.54085 (12121716)	39.75611 (12121716)	35.95237 (12121716)
32.62570 (14100207)	31.66385 (16072622)		
3768075.1	41.18573 (12121716)	39.28034 (12121716)	36.26456 (12121716)
32.44283 (12121716)	30.72288 (14100207)		
3768055.1	39.50795 (12121716)	38.41600 (12121716)	36.17123 (12121716)
33.02009 (12121716)	30.08807 (14100207)		
3768035.1	37.57448 (12121716)	37.21070 (12121716)	35.69951 (12121716)
33.21996 (12121716)	30.00876 (12121716)		
3768015.1	35.44097 (12121716)	35.71666 (12121716)	34.88523 (12121716)
33.05843 (12121716)	30.42579 (12121716)		
3767995.1	33.17442 (12121716)	33.99594 (12121716)	33.77799 (12121716)
32.56759 (12121716)	30.51758 (12121716)		
3767975.1	30.83830 (12121716)	32.10792 (12121716)	32.42929 (12121716)
31.79568 (12121716)	30.31142 (12121716)		
3767955.1	28.48688 (12121716)	30.11756 (12121716)	30.89691 (12121716)
30.78367 (12121716)	29.83459 (12121716)		
3767935.1	26.16760 (12121716)	28.07450 (12121716)	29.23464 (12121716)
29.57664 (12121716)	29.11867 (12121716)		
3767915.1	24.96344 (13101507)	25.99230 (12121716)	27.46335 (12121716)
28.19849 (12121716)	28.18172 (12121716)		
3767895.1	24.16140 (16021503)	23.95082 (13101507)	25.63411 (12121716)
26.69964 (12121716)	27.06852 (12121716)		
3767875.1	23.36974 (16021503)	23.09525 (13101507)	23.78844 (12121716)
25.12079 (12121716)	25.82594 (12121716)		
3767855.1	22.79548 (16102020)	22.40514 (16021503)	22.21126 (13101507)
23.50119 (12121716)	24.48507 (12121716)		
3767835.1	22.24805 (16102020)	21.79293 (16021503)	21.54009 (13101507)
21.86516 (12121716)	23.07971 (12121716)		
3767815.1	21.64400 (16102020)	21.22961 (16102020)	20.89722 (16021503)
20.72407 (13101507)	21.63081 (12121716)		
3767795.1	21.05022 (16102020)	20.72642 (16102020)	20.33258 (16021503)
20.11522 (13101507)	20.16650 (12121716)		
3767775.1	20.43149 (16102020)	20.20842 (16102020)	19.77809 (15012508)
19.50035 (16021503)	19.37747 (13101507)		



\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 10:46:33

PAGE 183

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
436122.46	436062.46	436082.46	436102.46
	436142.46		

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3767755.1	19.81142 (16102020)	19.66173 (16102020)	19.32605 (16102020)
19.00763 (16021503)	18.82155 (13101507)		
3767735.1	19.17657 (14100522)	19.10899 (16102020)	18.86368 (16102020)
18.50124 (16021503)	18.25375 (13101507)		
3767715.1	18.58926 (14100522)	18.53633 (16102020)	18.37365 (16102020)
18.04980 (16102020)	17.81537 (16021503)		
3767695.1	18.04132 (14100522)	18.01456 (16102020)	17.92652 (16102020)
17.66641 (16102020)	17.39885 (16021503)		
3767675.1	17.49774 (14100522)	17.50610 (14100522)	17.47279 (16102020)
17.28671 (16102020)	16.99184 (15012508)		
3767655.1	16.96028 (14100522)	17.02662 (14100522)	16.99966 (16102020)
16.89687 (16102020)	16.62689 (16102020)		
3767635.1	16.49325 (15110717)	16.54876 (14100522)	16.52576 (16102020)
16.46996 (16102020)	16.25286 (16102020)		
3767615.1	16.16026 (15110717)	16.05907 (14100522)	16.07675 (14100522)
16.03946 (16102020)	15.87053 (16102020)		
3767595.1	15.83787 (15110717)	15.60428 (14100522)	15.65619 (14100522)
15.57938 (16102020)	15.46822 (16102020)		
3767575.1	15.51365 (15110717)	15.20197 (15110717)	15.22262 (14100522)
15.13474 (16102020)	15.07636 (16102020)		
3767555.1	15.18868 (15110717)	14.91529 (15110717)	14.77869 (14100522)

14.73428 (14100522) 14.70903 (16102020)  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 184

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436162.46	436182.46	436202.46
	436222.46	436242.46	

3768555.1	60.84036 (15082519)	57.50936 (15082519)	54.38550 (15082519)
51.47368 (15082519)	48.73586 (15082519)		
3768535.1	59.22952 (14070522)	55.97371 (15082519)	53.38650 (15082519)
50.89507 (15082519)	48.51696 (15082519)		
3768515.1	57.80524 (16060221)	54.75009 (14070522)	52.18919 (14070522)
49.70423 (14070522)	47.30835 (14070522)		
3768495.1	57.33099 (12102717)	53.95958 (15080322)	51.16681 (15080322)
48.59421 (16060221)	46.25587 (12091623)		
3768475.1	56.78031 (12102717)	53.84965 (12102717)	50.92468 (12102717)
48.05096 (12102717)	45.71942 (15080322)		
3768455.1	54.65989 (12102717)	52.49128 (12102717)	50.19704 (12102717)
47.91132 (12102717)	45.59060 (12102717)		
3768435.1	53.06314 (15081623)	50.32195 (14110517)	48.26889 (12102717)
46.60401 (12102717)	44.83223 (12102717)		
3768415.1	51.91113 (15012217)	49.49533 (15012217)	46.95405 (15012217)
44.77395 (14110517)	43.12265 (14110517)		
3768395.1	50.12674 (13103117)	47.95365 (15012217)	46.08756 (15012217)
44.09367 (15012217)	42.03416 (15081623)		

3768375.1	48.95805 (13083103)	46.54791 (13103117)	44.44898 (13103117)
42.91454 (15012217)	41.40929 (15012217)		
3768355.1	47.56848 (12012417)	45.49968 (13083103)	43.43945 (13083103)
41.64823 (13103117)	40.01259 (15012217)		
3768335.1	45.56995 (12012417)	44.16324 (12012417)	42.44057 (12012417)
40.72897 (13083103)	39.03786 (13103117)		
3768315.1	43.90575 (15101304)	42.23041 (12012417)	41.12282 (12012417)
39.77620 (12012417)	38.33724 (13083103)		
3768295.1	42.76016 (12082921)	41.07001 (15101304)	39.33193 (14090904)
38.44253 (12012417)	37.40777 (12012417)		
3768275.1	41.40136 (14082724)	39.97998 (12082921)	38.53609 (15101304)
36.83452 (15101304)	36.00374 (12012417)		
3768255.1	40.08325 (15082822)	38.78090 (14082724)	37.57371 (12082921)
36.26493 (15101304)	34.81188 (15101304)		
3768235.1	39.14382 (15082822)	37.63848 (15082822)	36.49765 (14082724)
35.33953 (12082921)	34.18068 (15101304)		
3768215.1	37.80146 (15082822)	36.81729 (15082822)	35.48832 (15082822)
34.34337 (14082724)	33.31344 (12082921)		
3768195.1	36.13739 (15082822)	35.61016 (15082822)	34.71733 (15082822)
33.46975 (15082822)	32.41165 (14082724)		
3768175.1	34.54760 (13012319)	34.13978 (15082822)	33.65108 (15082822)
32.79096 (15082822)	31.63729 (15082822)		
3768155.1	33.70361 (15101303)	32.65431 (13012319)	32.29959 (15082822)
31.80237 (15082822)	30.99530 (15082822)		
3768135.1	33.10813 (15101303)	31.75234 (15101303)	30.90901 (13012319)
30.60043 (15082822)	30.13985 (15082822)		
3768115.1	32.28120 (15101303)	31.25111 (15101303)	30.05512 (14011607)
29.29656 (13012319)	29.04734 (15082822)		
3768095.1	31.09194 (15101303)	30.44320 (15101303)	29.46088 (15101303)
28.38616 (14011607)	27.71520 (13012319)		
3768075.1	29.95991 (16072622)	29.48119 (15101303)	28.79596 (15101303)
27.81705 (15101303)	26.87194 (14011607)		
3768055.1	29.05256 (16072622)	28.44920 (15101303)	27.96533 (15101303)
27.27666 (15101303)	26.37012 (15101303)		
3768035.1	28.50746 (14100207)	27.63404 (16072622)	27.06936 (15101303)
26.64920 (15101303)	25.97997 (15101303)		
3768015.1	27.85510 (14100207)	26.96584 (14100207)	26.26454 (16072622)
25.86832 (15101303)	25.42340 (15101303)		
3767995.1	27.81057 (12121716)	26.44018 (14100207)	25.50594 (14100207)
25.04449 (16072622)	24.72299 (15101303)		
3767975.1	28.10806 (12121716)	25.80476 (14100207)	25.08908 (14100207)
24.35349 (16072622)	23.90104 (15101303)		
3767955.1	28.13180 (12121716)	25.83386 (12121716)	24.54739 (14100207)
23.85564 (14100207)	23.28667 (16072622)		
3767935.1	27.89764 (12121716)	26.03753 (12121716)	23.93517 (14100207)
23.42966 (14100207)	22.71233 (14100207)		
3767915.1	27.41892 (12121716)	25.99736 (12121716)	24.04134 (12121716)
22.89834 (14100207)	22.36984 (14100207)		
3767895.1	26.73407 (12121716)	25.73545 (12121716)	24.16883 (12121716)
22.29342 (14100207)	21.92583 (14100207)		

3767875.1	25.87011 (12121716)	25.27280 (12121716)	24.08936 (12121716)
22.42718 (12121716)	21.40921 (14100207)		
3767855.1	24.86818 (12121716)	24.63318 (12121716)	23.81564 (12121716)
22.49680 (12121716)	20.81553 (14100207)		
3767835.1	23.74998 (12121716)	23.84437 (12121716)	23.37092 (12121716)
22.38601 (12121716)	20.96320 (12121716)		
3767815.1	22.54426 (12121716)	22.93194 (12121716)	22.77326 (12121716)
22.10619 (12121716)	20.98517 (12121716)		
3767795.1	21.28008 (12121716)	21.91662 (12121716)	22.04879 (12121716)
21.68007 (12121716)	20.85126 (12121716)		
3767775.1	19.97740 (12121716)	20.82948 (12121716)	21.21477 (12121716)
21.12091 (12121716)	20.57354 (12121716)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*        09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                  \*\*\*        10:46:33

PAGE 185

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL        \*\*\*  
                                  INCLUDING SOURCE(S):        L0000001        , L0000002  
 , L0000003        , L0000004        , L0000005        ,  
                                  L0000006        , L0000007        , L0000008        , L0000009        , L0000010  
 , L0000011        , L0000012        , L0000013        ,  
                                  L0000014        , L0000015        , L0000016        , L0000017        , L0000018  
 , L0000019        , L0000020        , L0000021        ,  
                                  L0000022        , L0000023        , L0000024        , L0000025        , L0000026  
 , L0000027        , L0000028        , . . .        ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436162.46	436182.46	436202.46
436222.46	436242.46		

3767755.1	18.65655 (12121716)	19.67903 (12121716)	20.28111 (12121716)
20.43736 (12121716)	20.15416 (12121716)		
3767735.1	18.15260 (13101507)	18.49709 (12121716)	19.28170 (12121716)
19.65501 (12121716)	19.61685 (12121716)		
3767715.1	17.64185 (13101507)	17.42844 (13101507)	18.23243 (12121716)
18.79705 (12121716)	18.97810 (12121716)		
3767695.1	17.16750 (13101507)	17.01814 (13101507)	17.16514 (12121716)

17.89586 (12121716)	18.27090 (12121716)		
3767675.1   16.75223 (16021503)	16.57702 (13101507)	16.34400 (13101507)	
16.95157 (12121716)	17.49675 (12121716)		
3767655.1   16.35850 (16021503)	16.12470 (13101507)	15.97835 (13101507)	
15.98533 (12121716)	16.67134 (12121716)		
3767635.1   15.96383 (15012508)	15.73574 (16021503)	15.58378 (13101507)	
15.41963 (13101507)	15.80786 (12121716)		
3767615.1   15.60133 (15012508)	15.37474 (16021503)	15.17848 (13101507)	
15.07731 (13101507)	14.92027 (12121716)		
3767595.1   15.21419 (16102020)	14.99547 (15012508)	14.79974 (16021503)	
14.70866 (13101507)	14.56553 (13101507)		
3767575.1   14.92034 (16102020)	14.71835 (15012508)	14.51535 (16021503)	
14.38247 (13101507)	14.28227 (13101507)		
3767555.1   14.60480 (16102020)	14.42029 (15012508)	14.24315 (16021503)	
14.06286 (16021503)	13.99786 (13101507)		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 186

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436262.46	436282.46	436302.46
436322.46	436342.46		

3768555.1	46.17616 (15082519)	43.78352 (15082519)	41.61744 (14070623)
39.83843 (16012417)	38.19425 (16012417)		
3768535.1	46.25361 (15082519)	44.10421 (15082519)	42.05922 (15082519)
40.13018 (15082519)	38.31104 (15082519)		

3768515.1		45.13531 (15082519)	43.32200 (15082519)	41.56970 (15082519)
39.88736	(15082519)	38.27561 (15082519)		
3768495.1		44.34847 (14070522)	42.49020 (14070522)	40.67698 (14070522)
38.93319	(14070522)	37.41882 (15082519)		
3768475.1		43.57204 (15080322)	41.61958 (16060221)	39.79058 (12091623)
38.30016	(14070522)	36.87775 (14070522)		
3768455.1		43.28766 (12102717)	41.11780 (15080322)	39.40271 (15080322)
37.71534	(16060221)	36.17668 (16060221)		
3768435.1		43.00402 (12102717)	41.14618 (12102717)	39.23956 (12102717)
37.36685	(12102717)	35.79296 (15080322)		
3768415.1		41.78700 (12102717)	40.39315 (12102717)	38.86957 (12102717)
37.32790	(12102717)	35.76027 (12102717)		
3768395.1		40.26658 (14110517)	38.93441 (14110517)	37.75102 (12102717)
36.57819	(12102717)	35.33270 (12102717)		
3768375.1		39.75512 (15012217)	38.06002 (15081623)	36.49722 (14110517)
35.35638	(14110517)	34.30547 (12102717)		
3768355.1		38.85131 (15012217)	37.51404 (15012217)	36.06152 (15012217)
34.60571	(15081623)	33.26580 (14110517)		
3768335.1		37.63328 (13103117)	36.37760 (15012217)	35.34537 (15012217)
34.16989	(15012217)	32.90043 (15012217)		
3768315.1		36.90408 (13083103)	35.54855 (13103117)	34.26659 (13103117)
33.30939	(15012217)	32.36846 (15012217)		
3768295.1		36.17018 (12012417)	34.93402 (13083103)	33.59830 (13083103)
32.52822	(13103117)	31.37728 (15012217)		
3768275.1		35.20447 (12012417)	34.18803 (12012417)	33.04594 (13083103)
31.92563	(13083103)	30.84307 (13103117)		
3768255.1		33.80196 (12012417)	33.17618 (12012417)	32.32698 (12012417)
31.32948	(12012417)	30.34633 (13083103)		
3768235.1		32.95947 (15101304)	31.88428 (14090904)	31.30676 (12012417)
30.61626	(12012417)	29.74968 (12012417)		
3768215.1		32.30123 (15101304)	31.24034 (15101304)	30.07337 (13083101)
29.54680	(12012417)	28.99204 (12012417)		
3768195.1		31.46965 (12082921)	30.60101 (15101304)	29.65916 (15101304)
28.54050	(15101304)	27.93387 (14090904)		
3768175.1		30.67423 (14082724)	29.86015 (12082921)	29.00711 (15101304)
28.16816	(15101304)	27.19629 (15101304)		
3768155.1		29.96770 (15082822)	29.08719 (14082724)	28.27735 (14082724)
27.50855	(15101304)	26.77416 (15101304)		
3768135.1		29.40010 (15082822)	28.44132 (15082822)	27.53984 (14082724)
26.85563	(14082724)	26.12701 (15101304)		
3768115.1		28.59962 (15082822)	27.89950 (15082822)	26.91808 (15082822)
26.13437	(14082724)	25.54479 (14082724)		
3768095.1		27.48171 (15082822)	27.04437 (15082822)	26.37719 (15082822)
25.61614	(15082822)	24.91229 (14082724)		
3768075.1		26.29427 (13012319)	26.07756 (15082822)	25.64789 (15082822)
25.13519	(15082822)	24.45467 (15082822)		
3768055.1		25.54509 (13012319)	24.99176 (15082822)	24.82317 (15082822)
24.52240	(15082822)	24.02715 (15082822)		
3768035.1		25.05627 (15101303)	24.34866 (13012319)	23.84647 (15082822)
23.74240	(15082822)	23.44186 (15082822)		

3768015.1	24.71684 (15101303)	23.80981 (14011607)	23.22412 (13012319)
22.84154 (15082822)	22.72149 (15082822)		
3767995.1	24.20303 (15101303)	23.48806 (15101303)	22.69732 (14011607)
22.24329 (13012319)	21.88917 (15082822)		
3767975.1	23.59289 (15101303)	23.06617 (15101303)	22.36505 (15101303)
21.71494 (14011607)	21.28560 (13012319)		
3767955.1	22.88520 (15101303)	22.55360 (15101303)	22.02404 (15101303)
21.37315 (15101303)	20.76680 (14011607)		
3767935.1	22.31594 (16072622)	21.96493 (15101303)	21.59724 (15101303)
21.10211 (15101303)	20.44738 (15101303)		
3767915.1	21.73841 (16072622)	21.34933 (16072622)	21.04545 (15101303)
20.71616 (15101303)	20.20541 (15101303)		
3767895.1	21.34985 (14100207)	20.83153 (16072622)	20.43570 (15101303)
20.24490 (15101303)	19.85577 (15101303)		
3767875.1	20.96681 (14100207)	20.33906 (14100207)	19.95646 (16072622)
19.68484 (15101303)	19.42575 (15101303)		
3767855.1	20.52889 (14100207)	20.03952 (14100207)	19.44197 (16072622)
19.20354 (16072622)	18.92645 (15101303)		
3767835.1	20.01495 (14100207)	19.65627 (14100207)	19.15878 (14100207)
18.75003 (16072622)	18.44510 (16072622)		
3767815.1	19.49235 (12121716)	19.21383 (14100207)	18.83765 (14100207)
18.37857 (14100207)	18.04691 (16072622)		
3767795.1	19.62807 (12121716)	18.75029 (14100207)	18.48741 (14100207)
18.12563 (14100207)	17.59631 (14100207)		
3767775.1	19.61808 (12121716)	18.32574 (12121716)	18.09986 (14100207)
17.84271 (14100207)	17.40421 (14100207)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 187

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		436262.46	436282.46	436302.46
		436322.46	436342.46	

-----

3767755.1		19.46149 (12121716)	18.41082 (12121716)	17.61387 (14100207)
17.44348	(14100207)	17.11850 (14100207)		
3767735.1		19.17297 (12121716)	18.36324 (12121716)	17.24285 (12121716)
17.00220	(14100207)	16.79753 (14100207)		
3767715.1		18.77106 (12121716)	18.19291 (12121716)	17.28939 (12121716)
16.53882	(14100207)	16.43445 (14100207)		
3767695.1		18.27548 (12121716)	17.91913 (12121716)	17.22854 (12121716)
16.25471	(12121716)	16.04753 (14100207)		
3767675.1		17.69430 (12121716)	17.54357 (12121716)	17.05892 (12121716)
16.28113	(12121716)	15.64155 (14100207)		
3767655.1		17.04170 (12121716)	17.07998 (12121716)	16.79259 (12121716)
16.20250	(12121716)	15.35093 (12121716)		
3767635.1		16.32673 (12121716)	16.53584 (12121716)	16.43137 (12121716)
16.02563	(12121716)	15.34970 (12121716)		
3767615.1		15.56519 (12121716)	15.92581 (12121716)	15.98943 (12121716)
15.76007	(12121716)	15.25602 (12121716)		
3767595.1		14.77023 (12121716)	15.26255 (12121716)	15.47950 (12121716)
15.41334	(12121716)	15.07609 (12121716)		
3767575.1		14.09005 (13101507)	14.56404 (12121716)	14.91558 (12121716)
14.99922	(12121716)	14.81718 (12121716)		
3767555.1		13.85973 (13101507)	13.83687 (12121716)	14.30426 (12121716)
14.52326	(12121716)	14.48728 (12121716)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 188

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

\*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*



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

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Y-COORD				X-COORD (METERS)
(METERS)	436362.46		436382.46	436402.46
	436422.46	436442.46		

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3768555.1	36.64123 (16012417)	35.17389 (16012417)	33.77474 (16012417)
32.48422 (16082921)	31.28143 (16082921)		
3768535.1	36.58984 (15082519)	34.95762 (15082519)	33.44896 (14073022)
32.16853 (14070623)	31.02903 (16012417)		
3768515.1	36.73293 (15082519)	35.25171 (15082519)	33.82147 (15082519)
32.45686 (15082519)	31.15838 (15082519)		
3768495.1	36.10631 (15082519)	34.82672 (15082519)	33.58387 (15082519)
32.37665 (15082519)	31.21186 (15082519)		
3768475.1	35.47414 (14070522)	34.11249 (14070522)	32.79585 (14070522)
31.70541 (15082519)	30.71203 (15082519)		
3768455.1	34.70303 (12091623)	33.51089 (14070522)	32.40497 (14070522)
31.30809 (14070522)	30.22660 (14070522)		
3768435.1	34.40589 (15080322)	33.05763 (16060221)	31.84616 (16060221)
30.66256 (12091623)	29.68163 (14070522)		
3768415.1	34.20391 (12102717)	32.65937 (15080322)	31.54166 (15080322)
30.42885 (15080322)	29.35330 (16060221)		
3768395.1	34.05892 (12102717)	32.76197 (12102717)	31.46584 (12102717)
30.17151 (12102717)	29.04492 (15080322)		
3768375.1	33.33998 (12102717)	32.30568 (12102717)	31.25345 (12102717)
30.17279 (12102717)	29.08403 (12102717)		
3768355.1	32.29056 (14110517)	31.35388 (12102717)	30.56278 (12102717)
29.71683 (12102717)	28.82955 (12102717)		
3768335.1	31.63365 (15081623)	30.48012 (14110517)	29.66130 (14110517)
28.83569 (12102717)	28.17117 (12102717)		
3768315.1	31.31266 (15012217)	30.16896 (15012217)	29.10310 (15081623)
28.10333 (14110517)	27.39780 (14110517)		
3768295.1	30.61036 (15012217)	29.75336 (15012217)	28.82548 (15012217)
27.84319 (15012217)	26.89939 (15081623)		
3768275.1	29.83516 (13103117)	28.93147 (15012217)	28.27027 (15012217)
27.51877 (15012217)	26.67498 (15012217)		
3768255.1	29.27656 (13083103)	28.39486 (13103117)	27.49561 (13103117)
26.84342 (15012217)	26.21536 (15012217)		
3768235.1	28.84011 (13083103)	27.91464 (13083103)	27.05187 (13103117)
26.28152 (13103117)	25.44528 (15012217)		
3768215.1	28.26972 (12012417)	27.43836 (12012417)	26.66949 (13083103)
25.80935 (13083103)	25.10274 (13103117)		
3768195.1	27.46569 (12012417)	26.88340 (12012417)	26.19447 (12012417)
25.47198 (13083103)	24.73330 (13083103)		
3768175.1	26.47776 (14090904)	26.06150 (12012417)	25.61443 (12012417)
25.03374 (12012417)	24.34037 (12012417)		

3768155.1		25.93198 (15101304)	25.14294 (14090904)	24.76885 (12012417)
24.39612	(12012417)	23.91117 (12012417)		
3768135.1		25.51566 (15101304)	24.77086 (15101304)	24.00633 (13083101)
23.60011	(14090904)	23.26724 (12012417)		
3768115.1		24.89733 (12082921)	24.34829 (15101304)	23.71735 (15101304)
22.96497	(15101304)	22.52492 (14090904)		
3768095.1		24.38599 (14082724)	23.78307 (12082921)	23.30615 (15101304)
22.73273	(15101304)	22.04607 (15101304)		
3768075.1		23.78292 (14082724)	23.32823 (14082724)	22.78602 (12082921)
22.32050	(15101304)	21.79871 (15101304)		
3768055.1		23.38003 (15082822)	22.73668 (14082724)	22.34493 (14082724)
21.82048	(12082921)	21.37531 (15101304)		
3768035.1		22.98230 (15082822)	22.40034 (15082822)	21.79485 (14082724)
21.41496	(14082724)	20.92432 (14082724)		
3768015.1		22.42231 (15082822)	22.01249 (15082822)	21.48877 (15082822)
20.87537	(14082724)	20.53424 (14082724)		
3767995.1		21.73866 (15082822)	21.49206 (15082822)	21.11035 (15082822)
20.60893	(15082822)	20.01845 (14082724)		
3767975.1		20.95223 (15082822)	20.85736 (15082822)	20.62560 (15082822)
20.26937	(15082822)	19.80249 (15082822)		
3767955.1		20.40734 (13012319)	20.12708 (15082822)	20.03506 (15082822)
19.83175	(15082822)	19.48387 (15082822)		
3767935.1		19.89783 (14011607)	19.58716 (13012319)	19.37048 (15082822)
19.28090	(15082822)	19.07480 (15082822)		
3767915.1		19.55087 (15101303)	19.10903 (13012319)	18.84529 (13012319)
18.66101	(15082822)	18.56023 (15082822)		
3767895.1		19.33406 (15101303)	18.76839 (14011607)	18.39637 (13012319)
18.14902	(13012319)	17.98134 (15082822)		
3767875.1		19.03147 (15101303)	18.54691 (15101303)	18.05774 (14011607)
17.73816	(13012319)	17.48334 (13012319)		
3767855.1		18.65275 (15101303)	18.28552 (15101303)	17.82136 (15101303)
17.38899	(14011607)	17.10691 (13012319)		
3767835.1		18.22254 (15101303)	17.95194 (15101303)	17.59629 (15101303)
17.13821	(15101303)	16.75886 (14011607)		
3767815.1		17.72058 (15101303)	17.56905 (15101303)	17.33002 (15101303)
16.97152	(15101303)	16.51925 (15101303)		
3767795.1		17.36361 (16072622)	17.13068 (15101303)	16.98858 (15101303)
16.72626	(15101303)	16.37934 (15101303)		
3767775.1		16.97737 (16072622)	16.75219 (16072622)	16.59351 (15101303)
16.43489	(15101303)	16.17703 (15101303)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 189

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

                                         \*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:    ALL                      \*\*\*



\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436462.46	436482.46	436502.46
	436522.46	436542.46	

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3768555.1	30.18818 (15101305)	29.15490 (15101305)	28.17271 (15101305)
27.23854 (15101305)	26.34951 (15101305)		
3768535.1	29.94687 (16012417)	28.91921 (16012417)	27.93387 (16012417)
26.99794 (16012417)	26.10024 (16012417)		
3768515.1	29.93264 (15082519)	28.75663 (15082519)	27.68858 (14073022)
26.74475 (14070623)	25.89337 (16012417)		
3768495.1	30.09186 (15082519)	29.01668 (15082519)	27.97982 (15082519)
26.98363 (15082519)	26.03265 (15082519)		
3768475.1	29.74136 (15082519)	28.79447 (15082519)	27.87051 (15082519)
26.97791 (15082519)	26.11234 (15082519)		
3768455.1	29.16703 (14070522)	28.13344 (14070522)	27.33256 (15082519)
26.56279 (15082519)	25.80864 (15082519)		
3768435.1	28.78962 (14070522)	27.90386 (14070522)	27.02729 (14070522)
26.16371 (14070522)	25.31986 (14070522)		
3768415.1	28.34940 (16060221)	27.36108 (16060221)	26.55138 (12091623)
25.80468 (14070522)	25.07808 (14070522)		
3768395.1	28.11853 (15080322)	27.18644 (15080322)	26.30825 (16060221)
25.46852 (16060221)	24.62989 (16060221)		
3768375.1	27.98091 (12102717)	26.88670 (12102717)	26.07078 (15080322)
25.28793 (15080322)	24.49238 (15080322)		
3768355.1	27.91289 (12102717)	26.97724 (12102717)	26.04297 (12102717)
25.10136 (12102717)	24.24980 (15080322)		
3768335.1	27.44778 (12102717)	26.69482 (12102717)	25.91258 (12102717)
25.11605 (12102717)	24.30482 (12102717)		
3768315.1	26.62263 (14110517)	26.06049 (12102717)	25.45383 (12102717)
24.81760 (12102717)	24.14511 (12102717)		

3768295.1	26.00676 (14110517)	25.38638 (14110517)	24.73974 (14110517)
24.21703 (12102717)	23.70432 (12102717)		
3768275.1	25.77785 (15012217)	24.95299 (15081623)	24.18141 (14110517)
23.64739 (14110517)	23.08029 (14110517)		
3768255.1	25.51456 (15012217)	24.76446 (15012217)	23.96759 (15012217)
23.26956 (15081623)	22.56443 (14110517)		
3768235.1	24.95531 (15012217)	24.39930 (15012217)	23.77037 (15012217)
23.09038 (15012217)	22.37614 (15081623)		
3768215.1	24.39579 (13103117)	23.76237 (15012217)	23.30581 (15012217)
22.78501 (15012217)	22.20265 (15012217)		
3768195.1	23.98754 (13103117)	23.40152 (13103117)	22.73893 (13103117)
22.24802 (15012217)	21.81472 (15012217)		
3768175.1	23.70497 (13083103)	23.02539 (13083103)	22.43207 (13103117)
21.86524 (13103117)	21.23532 (13103117)		
3768155.1	23.32972 (12012417)	22.72376 (13083103)	22.12548 (13083103)
21.49001 (13103117)	20.99866 (13103117)		
3768135.1	22.86471 (12012417)	22.35743 (12012417)	21.77617 (13083103)
21.26183 (13083103)	20.67538 (13083103)		
3768115.1	22.20781 (12012417)	21.86492 (12012417)	21.43433 (12012417)
20.92791 (12012417)	20.43424 (13083103)		
3768095.1	21.50555 (14090904)	21.20090 (12012417)	20.92140 (12012417)
20.56938 (12012417)	20.14297 (12012417)		
3768075.1	21.17078 (15101304)	20.60858 (13083101)	20.29759 (14090904)
20.05296 (12012417)	19.74825 (12012417)		
3768055.1	20.89980 (15101304)	20.34776 (15101304)	19.79672 (13083101)
19.46108 (14090904)	19.22158 (12012417)		
3768035.1	20.48000 (15101304)	20.08031 (15101304)	19.59514 (15101304)
19.04029 (13083101)	18.67220 (14090904)		
3768015.1	20.07686 (14082724)	19.67691 (15101304)	19.31049 (15101304)
18.87469 (15101304)	18.36908 (15101304)		
3767995.1	19.71171 (14082724)	19.32111 (14082724)	18.91388 (12082921)
18.59678 (15101304)	18.20460 (15101304)		
3767975.1	19.23106 (14082724)	18.96676 (14082724)	18.59978 (14082724)
18.21264 (12082921)	17.91428 (15101304)		
3767955.1	19.04830 (15082822)	18.51046 (15082822)	18.25619 (14082724)
17.92197 (14082724)	17.55263 (12082921)		
3767935.1	18.74881 (15082822)	18.32874 (15082822)	17.82661 (15082822)
17.56660 (14082724)	17.27338 (14082724)		
3767915.1	18.36573 (15082822)	18.04682 (15082822)	17.65379 (15082822)
17.18417 (15082822)	16.92921 (14082724)		
3767895.1	17.88414 (15082822)	17.68768 (15082822)	17.40039 (15082822)
17.01965 (15082822)	16.59117 (15082822)		
3767875.1	17.34257 (15082822)	17.24885 (15082822)	17.05073 (15082822)
16.78059 (15082822)	16.43442 (15082822)		
3767855.1	16.85722 (13012319)	16.72920 (15082822)	16.63908 (15082822)
16.46316 (15082822)	16.20843 (15082822)		
3767835.1	16.50125 (13012319)	16.25725 (13012319)	16.16301 (15082822)
16.08746 (15082822)	15.92028 (15082822)		
3767815.1	16.18760 (14011607)	15.97015 (13012319)	15.72085 (13012319)
15.63959 (15082822)	15.56634 (15082822)		

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3767795.1 |      15.95166 (14011607)      15.66824 (14011607)      15.44782 (13012319)
      15.20417 (13012319)      15.14439 (15082822)
3767775.1 |      15.82898 (15101303)      15.45628 (14011607)      15.13415 (14011607)
      14.94424 (13012319)      14.70651 (13012319)
^ *** AERMOD - VERSION 19191 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***      09/22/21
*** AERMET - VERSION 16216 ***      ***
***      10:46:33

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PAGE 191

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

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

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Y-COORD |      X-COORD (METERS)
(METERS) |      436462.46      436482.46      436502.46
      436522.46      436542.46

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3767755.1 |      15.60837 (15101303)      15.26263 (15101303)      14.89471 (14011607)
      14.61377 (13012319)      14.44993 (13012319)
3767735.1 |      15.34623 (15101303)      15.06874 (15101303)      14.70513 (15101303)
      14.38229 (14011607)      14.13497 (13012319)
3767715.1 |      15.03697 (15101303)      14.82439 (15101303)      14.53509 (15101303)
      14.17693 (15101303)      13.89625 (14011607)
3767695.1 |      14.69753 (15101303)      14.56753 (15101303)      14.34881 (15101303)
      14.04888 (15101303)      13.68602 (15101303)
3767675.1 |      14.37952 (16072622)      14.27002 (15101303)      14.11872 (15101303)
      13.88519 (15101303)      13.58644 (15101303)
3767655.1 |      14.13711 (16072622)      13.92941 (13110117)      13.83929 (15101303)
      13.66964 (15101303)      13.43343 (15101303)
3767635.1 |      13.85021 (16072622)      13.69660 (16072622)      13.51573 (15101303)
      13.41664 (15101303)      13.24056 (15101303)
3767615.1 |      13.60338 (14100207)      13.42949 (16072622)      13.25458 (16072622)

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3768435.1	24.52178 (15082519)	23.90577 (15082519)	23.29593 (15082519)
22.69493 (15082519)	22.10405 (15082519)		
3768415.1	24.36314 (14070522)	23.65369 (14070522)	22.95406 (14070522)
22.26638 (14070522)	21.64923 (15082519)		
3768395.1	23.94637 (12091623)	23.31065 (14070522)	22.71102 (14070522)
22.11307 (14070522)	21.52177 (14070522)		
3768375.1	23.75582 (16060221)	23.04540 (16060221)	22.33844 (16060221)
21.75020 (12091623)	21.19838 (14070522)		
3768355.1	23.57678 (15080322)	22.89697 (15080322)	22.21465 (15080322)
21.59608 (16060221)	20.98928 (16060221)		
3768335.1	23.48565 (12102717)	22.66931 (12102717)	22.03266 (15080322)
21.44889 (15080322)	20.86235 (15080322)		
3768315.1	23.45698 (12102717)	22.76957 (12102717)	22.05050 (12102717)
21.32307 (12102717)	20.63642 (15080322)		
3768295.1	23.16154 (12102717)	22.60418 (12102717)	21.99855 (12102717)
21.37315 (12102717)	20.73790 (12102717)		
3768275.1	22.60056 (12102717)	22.17751 (12102717)	21.69878 (12102717)
21.18862 (12102717)	20.65681 (12102717)		
3768255.1	22.10175 (14110517)	21.61871 (14110517)	21.15820 (12102717)
20.76779 (12102717)	20.34494 (12102717)		
3768235.1	21.74082 (15081623)	21.11694 (14110517)	20.70215 (14110517)
20.25459 (14110517)	19.81153 (12102717)		
3768215.1	21.58474 (15012217)	20.95886 (15081623)	20.38498 (15081623)
19.81484 (14110517)	19.44701 (14110517)		
3768195.1	21.32716 (15012217)	20.80870 (15012217)	20.24443 (15012217)
19.67895 (15081623)	19.15890 (15081623)		
3768175.1	20.87997 (15012217)	20.48395 (15012217)	20.04023 (15012217)
19.55627 (15012217)	19.03301 (15012217)		
3768155.1	20.46402 (13103117)	19.96760 (15012217)	19.64639 (15012217)
19.27700 (15012217)	18.86610 (15012217)		
3768135.1	20.18208 (13103117)	19.72272 (13103117)	19.21752 (13103117)
18.83962 (15012217)	18.53623 (15012217)		
3768115.1	19.94461 (13083103)	19.40462 (13103117)	19.01206 (13103117)
18.57327 (13103117)	18.09551 (13103117)		
3768095.1	19.66411 (13083103)	19.22951 (13083103)	18.75387 (13083103)
18.32343 (13103117)	17.94451 (13103117)		
3768075.1	19.38301 (12012417)	18.96468 (12012417)	18.56058 (13083103)
18.13422 (13083103)	17.66533 (13083103)		
3768055.1	18.97875 (12012417)	18.68596 (12012417)	18.31291 (12012417)
17.91623 (13083103)	17.54291 (13083103)		
3768035.1	18.43581 (12012417)	18.26614 (12012417)	18.01025 (12012417)
17.69478 (12012417)	17.31932 (12012417)		
3768015.1	17.97114 (13083101)	17.76750 (14090904)	17.57892 (12012417)
17.36464 (12012417)	17.08549 (12012417)		
3767995.1	17.74580 (15101304)	17.35284 (13083101)	17.11558 (14090904)
16.92514 (12012417)	16.74037 (12012417)		
3767975.1	17.56169 (15101304)	17.15443 (15101304)	16.75064 (13083101)
16.48827 (14090904)	16.29776 (14090904)		
3767955.1	17.27067 (15101304)	16.96255 (15101304)	16.59289 (15101304)
16.17182 (13083101)	15.88751 (13083101)		



3767935.1	16.90484 (12082921)	16.64479 (15101304)	16.36923 (15101304)
16.02683 (15101304)	15.63398 (15101304)		
3767915.1	16.66240 (14082724)	16.32854 (14082724)	16.06234 (15101304)
15.80711 (15101304)	15.50502 (15101304)		
3767895.1	16.33943 (14082724)	16.08607 (14082724)	15.77982 (14082724)
15.51136 (15101304)	15.29863 (15101304)		
3767875.1	16.02116 (15082822)	15.77321 (14082724)	15.55132 (14082724)
15.26970 (14082724)	15.02210 (15101304)		
3767855.1	15.89348 (15082822)	15.49385 (15082822)	15.24815 (14082724)
15.06352 (14082724)	14.82910 (14082724)		
3767835.1	15.69011 (15082822)	15.35111 (15082822)	14.99536 (15082822)
14.78727 (14082724)	14.64200 (14082724)		
3767815.1	15.40731 (15082822)	15.13806 (15082822)	14.86898 (15082822)
14.57069 (15082822)	14.37266 (14082724)		
3767795.1	15.06320 (15082822)	14.87142 (15082822)	14.66668 (15082822)
14.44955 (15082822)	14.17349 (15082822)		
3767775.1	14.66538 (15082822)	14.53722 (15082822)	14.41415 (15082822)
14.26627 (15082822)	14.05732 (15082822)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 193

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

\*\*\* THE      1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:    ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2      ;      NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436562.46	436582.46	436602.46
436622.46	436642.46		

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3767755.1	14.21854 (13012319)	14.16287 (15082822)	14.09790 (15082822)
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14.00803 (15082822)	13.86573 (15082822)		
3767735.1   13.97303 (13012319)	13.73521 (15091402)	13.72482 (15082822)	
13.69902 (15082822)	13.61206 (15082822)		
3767715.1   13.68044 (13012319)	13.51230 (13012319)	13.31338 (15091402)	
13.33637 (15082822)	13.31030 (15082822)		
3767695.1   13.44426 (14011607)	13.25681 (13012319)	13.10714 (13012319)	
12.94440 (15082822)	12.97478 (15082822)		
3767675.1   13.24173 (14011607)	13.02375 (14011607)	12.86975 (13012319)	
12.73691 (13012319)	12.60265 (15082822)		
3767655.1   13.13682 (15101303)	12.83957 (14011607)	12.64088 (14011607)	
12.51598 (13012319)	12.39083 (13012319)		
3767635.1   13.01205 (15101303)	12.72701 (15101303)	12.48176 (14011607)	
12.28378 (14011607)	12.19202 (13012319)		
3767615.1   12.84894 (15101303)	12.62771 (15101303)	12.35333 (15101303)	
12.14734 (14011607)	11.95816 (13012319)		
3767595.1   12.65088 (15101303)	12.49145 (15101303)	12.27683 (15101303)	
12.01202 (15101303)	11.84164 (14011607)		
3767575.1   12.42132 (15101303)	12.32976 (15101303)	12.16462 (15101303)	
11.94782 (15101303)	11.68416 (14011607)		
3767555.1   12.16376 (15101303)	12.12010 (15101303)	12.01128 (15101303)	
11.84942 (15101303)	11.63115 (15101303)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 194

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436662.46	436682.46	436702.46
436722.46	436742.46		

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3768555.1	21.82393 (15101305)	21.18446 (15101305)	20.57666 (15101305)
19.99134 (15101305)	19.47200 (12090522)		
3768535.1	21.77976 (15101305)	21.17528 (15101305)	20.59496 (15101305)
20.03762 (15101305)	19.50534 (15101305)		
3768515.1	21.61247 (16012417)	20.99219 (16082921)	20.42242 (16082921)
19.87709 (16082921)	19.35513 (16082921)		
3768495.1	21.45103 (16012417)	20.87850 (16012417)	20.32470 (16012417)
19.78913 (16012417)	19.27396 (16012417)		
3768475.1	21.48553 (15082519)	20.81276 (14073022)	20.19698 (14073022)
19.61012 (14070623)	19.10384 (14070623)		
3768455.1	21.63945 (15082519)	21.00771 (15082519)	20.39479 (15082519)
19.79782 (15082519)	19.21712 (15082519)		
3768435.1	21.52393 (15082519)	20.95547 (15082519)	20.39929 (15082519)
19.85370 (15082519)	19.31913 (15082519)		
3768415.1	21.15134 (15082519)	20.65744 (15082519)	20.16915 (15082519)
19.68562 (15082519)	19.20735 (15082519)		
3768395.1	20.93655 (14070522)	20.35820 (14070522)	19.78845 (14070522)
19.30264 (15082519)	18.88980 (15082519)		
3768375.1	20.69742 (14070522)	20.19490 (14070522)	19.69387 (14070522)
19.19618 (14070522)	18.70204 (14070522)		
3768355.1	20.38798 (16060221)	19.87982 (12091623)	19.39981 (12091623)
18.96634 (14070522)	18.53966 (14070522)		
3768335.1	20.27871 (16060221)	19.75720 (16060221)	19.23385 (16060221)
18.71177 (16060221)	18.26680 (12091623)		
3768315.1	20.14069 (15080322)	19.63510 (15080322)	19.12488 (15080322)
18.62340 (16060221)	18.16909 (16060221)		
3768295.1	20.10100 (12102717)	19.46215 (12102717)	18.94946 (15080322)
18.51107 (15080322)	18.06609 (15080322)		
3768275.1	20.11001 (12102717)	19.55378 (12102717)	18.99023 (12102717)
18.42283 (12102717)	17.86204 (15080322)		
3768255.1	19.89840 (12102717)	19.43564 (12102717)	18.95963 (12102717)
18.47083 (12102717)	17.97165 (12102717)		
3768235.1	19.46510 (12102717)	19.10233 (12102717)	18.72109 (12102717)
18.32721 (12102717)	17.91155 (12102717)		
3768215.1	19.04388 (14110517)	18.61659 (14110517)	18.32764 (12102717)
18.02245 (12102717)	17.68589 (12102717)		
3768195.1	18.64385 (14110517)	18.31046 (14110517)	17.96151 (14110517)
17.59361 (14110517)	17.30949 (12102717)		
3768175.1	18.53512 (15081623)	18.05332 (15081623)	17.59159 (14110517)
17.30311 (14110517)	16.98473 (14110517)		
3768155.1	18.42003 (15012217)	17.94478 (15012217)	17.50026 (15081623)
17.07413 (15081623)	16.64182 (14110517)		
3768135.1	18.19078 (15012217)	17.80897 (15012217)	17.40168 (15012217)
16.96782 (15012217)	16.57418 (15081623)		
3768115.1	17.82607 (15012217)	17.53292 (15012217)	17.20903 (15012217)
16.85832 (15012217)	16.47958 (15012217)		
3768095.1	17.52603 (13103117)	17.12307 (15012217)	16.88858 (15012217)
16.61707 (15012217)	16.31296 (15012217)		



\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436662.46	436682.46	436702.46
	436722.46	436742.46	

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-----
3767755.1 | 13.63408 (15082822) 13.33088 (15082822) 13.08428 (14082724)
12.94486 (14082724) 12.76255 (14082724)
3767735.1 | 13.45151 (15082822) 13.21637 (15082822) 12.93694 (15082822)
12.69227 (14082724) 12.56434 (14082724)
3767715.1 | 13.21848 (15082822) 13.04212 (15082822) 12.82703 (15082822)
12.56211 (15082822) 12.31920 (14082724)
3767695.1 | 12.94002 (15082822) 12.82826 (15082822) 12.66060 (15082822)
12.44908 (15082822) 12.19791 (15082822)
3767675.1 | 12.62941 (15082822) 12.56358 (15082822) 12.44932 (15082822)
12.29746 (15082822) 12.09643 (15082822)
3767655.1 | 12.28367 (15082822) 12.26862 (15082822) 12.20516 (15082822)
12.09599 (15082822) 11.95146 (15082822)
3767635.1 | 12.06661 (13012319) 11.94784 (15082822) 11.93226 (15082822)
11.86356 (15082822) 11.75917 (15082822)
3767615.1 | 11.88124 (13012319) 11.73683 (13012319) 11.61994 (15082822)
11.60401 (15082822) 11.53771 (15082822)
3767595.1 | 11.66874 (13012319) 11.56417 (13012319) 11.40943 (13012319)
11.31390 (15082822) 11.29062 (15082822)
3767575.1 | 11.53298 (14011607) 11.35938 (13012319) 11.24867 (13012319)
11.10271 (13012319) 11.01440 (15082822)
3767555.1 | 11.38877 (14011607) 11.21635 (14011607) 11.05718 (13012319)
10.95286 (13012319) 10.79780 (13012319)

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^ *** AERMOD - VERSION 19191 *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv *** 09/22/21
*** AERMET - VERSION 16216 ***
*** 10:46:33

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PAGE 196

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

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018

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, L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436762.46	436782.46	436802.46
	436822.46	436842.46	

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3768555.1	18.97576 (12090522)	18.49903 (12090522)	18.04082 (12090522)
17.59741 (12090522)	17.21866 (12090522)		
3768535.1	18.99658 (15101305)	18.50430 (15101305)	18.02803 (15101305)
17.56971 (15101305)	17.12850 (15101305)		
3768515.1	18.88112 (15101305)	18.41660 (15101305)	17.96811 (15101305)
17.53502 (15101305)	17.11437 (15101305)		
3768495.1	18.78335 (16012417)	18.30629 (16012417)	17.84086 (16012417)
17.40110 (16082921)	16.98705 (16082921)		
3768475.1	18.62387 (14070623)	18.17390 (16012417)	17.74597 (16012417)
17.32856 (16012417)	16.92318 (16012417)		
3768455.1	18.66304 (15082519)	18.14330 (14073022)	17.65616 (14073022)
17.18376 (14073022)	16.77810 (14070623)		
3768435.1	18.80489 (15082519)	18.30262 (15082519)	17.81379 (15082519)
17.33718 (15082519)	16.87261 (15082519)		
3768415.1	18.74491 (15082519)	18.28852 (15082519)	17.84121 (15082519)
17.40113 (15082519)	16.97180 (15082519)		
3768395.1	18.48905 (15082519)	18.08689 (15082519)	17.68829 (15082519)
17.29258 (15082519)	16.90488 (15082519)		
3768375.1	18.22367 (14070522)	17.74674 (15062824)	17.36588 (15082519)
17.02225 (15082519)	16.68249 (15082519)		
3768355.1	18.11681 (14070522)	17.69354 (14070522)	17.27212 (14070522)
16.85438 (14070522)	16.44234 (14070522)		
3768335.1	17.85574 (12091623)	17.47109 (14070522)	17.10626 (14070522)
16.74084 (14070522)	16.37679 (14070522)		
3768315.1	17.71170 (16060221)	17.25715 (16060221)	16.86522 (12091623)
16.50981 (12091623)	16.16293 (14070522)		
3768295.1	17.61099 (15080322)	17.18108 (16060221)	16.78615 (16060221)
16.38694 (16060221)	15.98671 (16060221)		
3768275.1	17.47223 (15080322)	17.08411 (15080322)	16.69475 (15080322)
16.29828 (15080322)	15.92281 (16060221)		
3768255.1	17.45729 (12102717)	16.94992 (12102717)	16.52500 (15080322)
16.18769 (15080322)	15.83773 (15080322)		
3768235.1	17.46661 (12102717)	17.02476 (12102717)	16.57892 (12102717)
16.12433 (12102717)	15.66615 (12102717)		

3768215.1	17.32058 (12102717)	16.94775 (12102717)	16.56286 (12102717)
16.16855 (12102717)	15.76475 (12102717)		
3768195.1	17.02147 (12102717)	16.72163 (12102717)	16.40809 (12102717)
16.07654 (12102717)	15.73025 (12102717)		
3768175.1	16.64542 (14110517)	16.36354 (12102717)	16.11663 (12102717)
15.85439 (12102717)	15.57238 (12102717)		
3768155.1	16.37285 (14110517)	16.08648 (14110517)	15.78084 (14110517)
15.50400 (12102717)	15.28911 (12102717)		
3768135.1	16.16263 (15081623)	15.76263 (14110517)	15.52461 (14110517)
15.26611 (14110517)	14.99374 (14110517)		
3768115.1	16.06390 (15012217)	15.69666 (15081623)	15.33099 (15081623)
14.97262 (14110517)	14.76082 (14110517)		
3768095.1	15.97090 (15012217)	15.61015 (15012217)	15.23450 (15081623)
14.92533 (15081623)	14.59784 (15081623)		
3768075.1	15.76359 (15012217)	15.47362 (15012217)	15.16357 (15012217)
14.84044 (15012217)	14.52096 (15081623)		
3768055.1	15.44595 (15012217)	15.22762 (15012217)	14.98537 (15012217)
14.72183 (15012217)	14.44330 (15012217)		
3768035.1	15.21840 (13103117)	14.88104 (15012217)	14.70664 (15012217)
14.50317 (15012217)	14.28235 (15012217)		
3768015.1	15.07685 (13103117)	14.77031 (13103117)	14.45059 (13103117)
14.19215 (15012217)	14.02866 (15012217)		
3767995.1	14.86681 (13083103)	14.60003 (13103117)	14.33679 (13103117)
14.04783 (13103117)	13.74211 (13103117)		
3767975.1	14.76152 (13083103)	14.44512 (13083103)	14.13578 (13103117)
13.91236 (13103117)	13.65708 (13103117)		
3767955.1	14.57855 (12012417)	14.31566 (13083103)	14.04023 (13083103)
13.73185 (13083103)	13.49765 (13103117)		
3767935.1	14.41980 (12012417)	14.15598 (12012417)	13.88993 (13083103)
13.63919 (13083103)	13.35617 (13083103)		
3767915.1	14.18016 (12012417)	13.98036 (12012417)	13.74654 (12012417)
13.47649 (12012417)	13.24259 (13083103)		
3767895.1	13.86677 (12012417)	13.72987 (12012417)	13.55042 (12012417)
13.33816 (12012417)	13.10236 (12012417)		
3767875.1	13.55339 (14090904)	13.41141 (12012417)	13.29114 (12012417)
13.12996 (12012417)	12.94902 (12012417)		
3767855.1	13.31135 (13083101)	13.12283 (14090904)	12.98684 (14090904)
12.85772 (12012417)	12.72481 (12012417)		
3767835.1	13.16401 (15101304)	12.91710 (13083101)	12.69849 (14090904)
12.57602 (14090904)	12.44733 (12012417)		
3767815.1	13.07091 (15101304)	12.79817 (15101304)	12.53416 (13083101)
12.32974 (13083101)	12.18764 (14090904)		
3767795.1	12.92326 (15101304)	12.70484 (15101304)	12.44730 (15101304)
12.16696 (13083101)	11.98188 (13083101)		
3767775.1	12.71940 (15101304)	12.55464 (15101304)	12.34269 (15101304)
12.09916 (15101304)	11.82196 (15101304)		

▲ \*\*\* AERMOT - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21

\*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*

\*\*\*                      10:46:33

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436762.46	436782.46	436802.46
	436822.46	436842.46	

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-----
3767755.1 | 12.54116 (14082724) 12.34590 (15101304) 12.19062 (15101304)
11.99579 (15101304) 11.76487 (15101304)
3767735.1 | 12.39568 (14082724) 12.18979 (14082724) 11.99265 (12082921)
11.83666 (15101304) 11.65191 (15101304)
3767715.1 | 12.20832 (14082724) 12.05203 (14082724) 11.84784 (14082724)
11.64416 (12082921) 11.49780 (15101304)
3767695.1 | 11.97029 (14082724) 11.85607 (14082724) 11.70527 (14082724)
11.50853 (14082724) 11.30308 (12082921)
3767675.1 | 11.86483 (15082822) 11.61865 (14082724) 11.50734 (14082724)
11.36141 (14082724) 11.18366 (14082724)
3767655.1 | 11.76022 (15082822) 11.51953 (15082822) 11.26408 (14082724)
11.16778 (14082724) 11.04460 (14082724)
3767635.1 | 11.61444 (15082822) 11.41864 (15082822) 11.18965 (15082822)
10.95047 (13082322) 10.86765 (14082724)
3767615.1 | 11.43075 (15082822) 11.27889 (15082822) 11.09920 (15082822)
10.88775 (15082822) 10.66753 (13082322)
3767595.1 | 11.21961 (15082822) 11.11719 (15082822) 10.97882 (15082822)
10.81393 (15082822) 10.62488 (15082822)
3767575.1 | 10.98430 (15082822) 10.91571 (15082822) 10.82427 (15082822)
10.69849 (15082822) 10.54726 (15082822)
3767555.1 | 10.71452 (15082822) 10.69142 (15082822) 10.63839 (15082822)
10.55057 (15082822) 10.43642 (15082822)

```

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission



Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 198

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436862.46	436882.46	436902.46
	436922.46	436942.46	

-----  
 -----  
 3768555.1 | 16.92760 (12090522) 16.62653 (12090522) 16.33820 (12090522)  
 16.13309 (12090522) 15.93715 (12090522)  
 3768535.1 | 16.70358 (15101305) 16.29665 (15101305) 15.90203 (15101305)  
 15.69338 (12090522) 15.54207 (12090522)  
 3768515.1 | 16.71257 (15101305) 16.32424 (15101305) 15.94882 (15101305)  
 15.58175 (15101305) 15.22457 (15101305)  
 3768495.1 | 16.58848 (16082921) 16.20254 (16082921) 15.83920 (15101305)  
 15.49447 (15101305) 15.15795 (15101305)  
 3768475.1 | 16.52779 (16012417) 16.14380 (16012417) 15.77094 (16012417)  
 15.40892 (16012417) 15.05333 (16012417)  
 3768455.1 | 16.38797 (14070623) 16.00940 (14070623) 15.66261 (16012417)  
 15.32725 (16012417) 14.99642 (16012417)  
 3768435.1 | 16.42113 (15082519) 16.00546 (14073022) 15.60806 (14073022)  
 15.22269 (14073022) 14.87832 (14070623)  
 3768415.1 | 16.55104 (15082519) 16.14009 (15082519) 15.73900 (15082519)  
 15.34628 (15082519) 14.96323 (15082519)  
 3768395.1 | 16.52338 (15082519) 16.14843 (15082519) 15.77902 (15082519)  
 15.41517 (15082519) 15.05990 (15082519)  
 3768375.1 | 16.34746 (15082519) 16.01337 (15082519) 15.68179 (15082519)  
 15.35295 (15082519) 15.02830 (15082519)

3768355.1		16.05170 (15062824)	15.73806 (15082519)	15.44912 (15082519)
15.16114	(15082519)	14.87357 (15082519)		
3768335.1		16.01371 (14070522)	15.65302 (14070522)	15.29549 (14070522)
14.94179	(14070522)	14.61503 (15062824)		
3768315.1		15.84901 (14070522)	15.53306 (14070522)	15.21708 (14070522)
14.90190	(14070522)	14.58665 (14070522)		
3768295.1		15.63754 (12091623)	15.32816 (12091623)	15.01644 (12091623)
14.74031	(14070522)	14.46534 (14070522)		
3768275.1		15.57491 (16060221)	15.22350 (16060221)	14.87077 (16060221)
14.55409	(12091623)	14.28380 (12091623)		
3768255.1		15.49397 (15080322)	15.14267 (15080322)	14.81619 (16060221)
14.50293	(16060221)	14.19399 (16060221)		
3768235.1		15.35820 (15080322)	15.05583 (15080322)	14.74459 (15080322)
14.42952	(15080322)	14.11894 (15080322)		
3768215.1		15.36314 (12102717)	14.95385 (12102717)	14.59108 (15080322)
14.31846	(15080322)	14.05066 (15080322)		
3768195.1		15.38500 (12102717)	15.02417 (12102717)	14.65604 (12102717)
14.28262	(12102717)	13.91458 (12102717)		
3768175.1		15.27945 (12102717)	14.97437 (12102717)	14.65485 (12102717)
14.33020	(12102717)	14.00155 (12102717)		
3768155.1		15.05624 (12102717)	14.80477 (12102717)	14.54016 (12102717)
14.26437	(12102717)	13.98150 (12102717)		
3768135.1		14.72398 (12102717)	14.52998 (12102717)	14.31967 (12102717)
14.09501	(12102717)	13.86041 (12102717)		
3768115.1		14.52969 (14110517)	14.27477 (14110517)	14.00935 (14110517)
13.83157	(12102717)	13.64369 (12102717)		
3768095.1		14.25915 (14110517)	14.05880 (14110517)	13.84486 (14110517)
13.61258	(14110517)	13.37042 (14110517)		
3768075.1		14.23157 (15081623)	13.91666 (15081623)	13.59130 (14110517)
13.40857	(14110517)	13.21023 (14110517)		
3768055.1		14.14677 (15012217)	13.85564 (15081623)	13.57622 (15081623)
13.27918	(15081623)	12.97209 (14110517)		
3768035.1		14.04491 (15012217)	13.77440 (15012217)	13.48281 (15012217)
13.20925	(15081623)	12.94535 (15081623)		
3768015.1		13.84286 (15012217)	13.62877 (15012217)	13.38987 (15012217)
13.12930	(15012217)	12.85674 (15012217)		
3767995.1		13.55875 (15012217)	13.39680 (15012217)	13.20739 (15012217)
13.00127	(15012217)	12.77649 (15012217)		
3767975.1		13.38458 (13103117)	13.09909 (15012217)	12.96655 (15012217)
12.80671	(15012217)	12.63391 (15012217)		
3767955.1		13.27874 (13103117)	13.03144 (13103117)	12.76921 (13103117)
12.55282	(15012217)	12.42752 (15012217)		
3767935.1		13.09314 (13103117)	12.90766 (13103117)	12.69849 (13103117)
12.46363	(13103117)	12.21073 (13103117)		
3767915.1		13.01325 (13083103)	12.75371 (13083103)	12.54438 (13103117)
12.36086	(13103117)	12.14730 (13103117)		
3767895.1		12.88180 (13083103)	12.67197 (13083103)	12.43845 (13083103)
12.18145	(14091022)	12.01083 (13103117)		
3767875.1		12.75032 (12012417)	12.52485 (13083103)	12.33329 (13083103)
12.11348	(13083103)	11.86854 (13083103)		

3767855.1	12.58415 (12012417)	12.40831 (12012417)	12.19572 (12012417)
11.98678 (13083103)	11.78479 (13083103)		
3767835.1	12.35761 (12012417)	12.22569 (12012417)	12.06055 (12012417)
11.86518 (12012417)	11.64942 (13083103)		
3767815.1	12.08139 (14090904)	11.99235 (12012417)	11.87388 (12012417)
11.72341 (12012417)	11.54872 (12012417)		
3767795.1	11.83802 (14090904)	11.73662 (14090904)	11.63508 (12012417)
11.52877 (12012417)	11.39673 (12012417)		
3767775.1	11.66655 (13083101)	11.49621 (14090904)	11.40459 (14090904)
11.28570 (12012417)	11.19545 (12012417)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 199

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,  
                                          L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
 , L0000011      , L0000012      , L0000013      ,  
                                          L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                                          L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436862.46	436882.46	436902.46
436922.46	436942.46		

3767755.1	11.53486 (15101304)	11.35825 (13083101)	11.18900 (13083101)
11.07439 (14090904)	10.96606 (14090904)		
3767735.1	11.46611 (15101304)	11.25795 (15101304)	11.05702 (13083101)
10.89902 (13083101)	10.75644 (14090904)		
3767715.1	11.35558 (15101304)	11.18403 (15101304)	10.98081 (15101304)
10.75849 (13083101)	10.61508 (13083101)		
3767695.1	11.19542 (15101304)	11.06022 (15101304)	10.89719 (15101304)
10.70391 (15101304)	10.48821 (15101304)		
3767675.1	11.00639 (12082921)	10.89478 (15101304)	10.77144 (15101304)

10.62134 (15101304)	10.45158 (15101304)		
3767655.1   10.90257 (14082724)	10.72584 (14082724)	10.61678 (15101304)	
10.50406 (15101304)	10.37038 (15101304)		
3767635.1   10.76537 (14082724)	10.63293 (14082724)	10.46721 (14082724)	
10.34978 (15101304)	10.25163 (15101304)		
3767615.1   10.59819 (14082724)	10.49764 (14082724)	10.37410 (14082724)	
10.22390 (14082724)	10.09791 (15101304)		
3767595.1   10.40785 (15082822)	10.33406 (14082724)	10.24621 (14082724)	
10.13074 (14082724)	9.98968 (14082724)		
3767575.1   10.36654 (15082822)	10.15908 (15082822)	10.08608 (14082724)	
10.00458 (14082724)	9.89161 (14082724)		
3767555.1   10.29164 (15082822)	10.11873 (15082822)	9.92596 (15082822)	
9.84270 (14082724)	9.76726 (14082724)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*        09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*    \*\*\*  
                                  \*\*\*        10:46:33

PAGE 200

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL        \*\*\*  
                                  INCLUDING SOURCE(S):    L0000001    , L0000002  
 , L0000003    , L0000004    , L0000005    ,  
                                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
 , L0000011    , L0000012    , L0000013    ,  
                                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
 , L0000019    , L0000020    , L0000021    ,  
                                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
 , L0000027    , L0000028    , . . .    ,

\*\*\* NETWORK ID: UCART2    ;    NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436962.46	436982.46	437002.46
	437022.46	437042.46	

3768555.1	16.21438 (12090522)	16.41123 (14083021)	16.73102 (14083021)
16.73214 (14083021)	16.83724 (14083021)		
3768535.1	15.54236 (12090522)	15.84318 (12090522)	15.73550 (12090522)
15.67607 (12090522)	15.35598 (12090522)		
3768515.1	15.19395 (15101305)	15.36702 (15101305)	15.23231 (15101305)
14.70264 (15101305)	14.38610 (15101305)		

3768495.1	14.97939 (15101305)	14.99626 (15101305)	14.68332 (15101305)
14.22948 (15101305)	13.93786 (15101305)		
3768475.1	14.72154 (16082921)	14.53691 (16082921)	14.23441 (16082921)
13.85473 (16082921)	13.58101 (15101305)		
3768455.1	14.67760 (16012417)	14.36889 (16012417)	14.07006 (16012417)
13.78070 (16012417)	13.49697 (16012417)		
3768435.1	14.56292 (14070623)	14.25806 (14070623)	13.96274 (16012417)
13.69318 (16012417)	13.43105 (16012417)		
3768415.1	14.59236 (14073022)	14.26072 (14073022)	13.93841 (14073022)
13.62380 (14073022)	13.33459 (14070623)		
3768395.1	14.71351 (15082519)	14.37606 (15082519)	14.04871 (15082519)
13.72601 (15082519)	13.41074 (15082519)		
3768375.1	14.71248 (15082519)	14.40165 (15082519)	14.09723 (15082519)
13.79802 (15082519)	13.50316 (15082519)		
3768355.1	14.58908 (15082519)	14.30953 (15082519)	14.03396 (15082519)
13.76144 (15082519)	13.49134 (15082519)		
3768335.1	14.35267 (15082519)	14.10705 (15082519)	13.86382 (15082519)
13.62149 (15082519)	13.37972 (15082519)		
3768315.1	14.27216 (14070522)	13.96225 (14070522)	13.65865 (15062824)
13.38843 (15062824)	13.16949 (15082519)		
3768295.1	14.18792 (14070522)	13.91155 (14070522)	13.63698 (14070522)
13.36346 (14070522)	13.09110 (14070522)		
3768275.1	14.00978 (12091623)	13.75644 (14070522)	13.51588 (14070522)
13.27401 (14070522)	13.03136 (14070522)		
3768255.1	13.88243 (16060221)	13.59580 (12091623)	13.35565 (12091623)
13.11355 (12091623)	12.87992 (14070522)		
3768235.1	13.83755 (16060221)	13.56058 (16060221)	13.28062 (16060221)
12.99945 (16060221)	12.73818 (12091623)		
3768215.1	13.77512 (15080322)	13.49438 (15080322)	13.21021 (15080322)
12.96050 (16060221)	12.71061 (16060221)		
3768195.1	13.64711 (15080322)	13.40402 (15080322)	13.15744 (15080322)
12.90414 (15080322)	12.64787 (15080322)		
3768175.1	13.66661 (12102717)	13.32745 (12102717)	13.01329 (15080322)
12.79750 (15080322)	12.57472 (15080322)		
3768155.1	13.68848 (12102717)	13.38936 (12102717)	13.08387 (12102717)
12.77530 (12102717)	12.46483 (12102717)		
3768135.1	13.61461 (12102717)	13.35716 (12102717)	13.09206 (12102717)
12.81890 (12102717)	12.53919 (12102717)		
3768115.1	13.44490 (12102717)	13.23382 (12102717)	13.00988 (12102717)
12.77499 (12102717)	12.53072 (12102717)		
3768095.1	13.19268 (12102717)	13.02416 (12102717)	12.84292 (12102717)
12.64819 (12102717)	12.44154 (12102717)		
3768075.1	13.00103 (14110517)	12.78221 (14110517)	12.59892 (12102717)
12.44527 (12102717)	12.27519 (12102717)		
3768055.1	12.80802 (14110517)	12.62649 (14110517)	12.43483 (14110517)
12.22907 (14110517)	12.03655 (12102717)		
3768035.1	12.67384 (15081623)	12.39659 (14110517)	12.24362 (14110517)
12.07729 (14110517)	11.89628 (14110517)		
3768015.1	12.61152 (15081623)	12.37006 (15081623)	12.12139 (15081623)
11.85740 (14110517)	11.71421 (14110517)		

3767995.1	12.54229 (15012217)	12.29288 (15012217)	12.07086 (15081623)
11.84081 (15081623)	11.59669 (15081623)		
3767975.1	12.44532 (15012217)	12.23892 (15012217)	12.01376 (15012217)
11.76953 (15012217)	11.55601 (15081623)		
3767955.1	12.28085 (15012217)	12.11807 (15012217)	11.93108 (15012217)
11.72268 (15012217)	11.50420 (15012217)		
3767935.1	12.05384 (15012217)	11.92781 (15012217)	11.77948 (15012217)
11.61086 (15012217)	11.43021 (15012217)		
3767915.1	11.92020 (13103117)	11.67293 (13103117)	11.56288 (15012217)
11.43428 (15012217)	11.29541 (15012217)		
3767895.1	11.82646 (13103117)	11.61490 (13103117)	11.39200 (13103117)
11.20059 (15012217)	11.10017 (15012217)		
3767875.1	11.66791 (13103117)	11.49698 (13103117)	11.31742 (13103117)
11.12145 (13103117)	10.91504 (13103117)		
3767855.1	11.56858 (13083103)	11.33546 (14091022)	11.19191 (13103117)
11.03751 (13103117)	10.87041 (13103117)		
3767835.1	11.47432 (13083103)	11.28480 (13083103)	11.08727 (13083103)
10.91516 (13103117)	10.78289 (13103117)		
3767815.1	11.35716 (12012417)	11.18724 (13083103)	11.02690 (13083103)
10.85234 (13083103)	10.65736 (14091022)		
3767795.1	11.25119 (12012417)	11.08841 (12012417)	10.92185 (13083103)
10.77814 (13083103)	10.61584 (13083103)		
3767775.1	11.09047 (12012417)	10.97639 (12012417)	10.83931 (12012417)
10.67702 (12012417)	10.53356 (13083103)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 201

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):    L000001    , L000002  
 , L000003    , L000004    , L000005    ,  
                                          L000006    , L000007    , L000008    , L000009    , L000010  
 , L000011    , L000012    , L000013    ,  
                                          L000014    , L000015    , L000016    , L000017    , L000018  
 , L000019    , L000020    , L000021    ,  
                                          L000022    , L000023    , L000024    , L000025    , L000026  
 , L000027    , L000028    , . . .    ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub>    IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) | 436962.46 436982.46 437002.46  
 437022.46 437042.46

3767755.1		10.88874 (12012417)	10.81294 (12012417)	10.70859 (12012417)
10.58236	(12012417)	10.44390 (12012417)		
3767735.1		10.68225 (14090904)	10.60642 (12012417)	10.53851 (12012417)
10.44775	(12012417)	10.34359 (12012417)		
3767715.1		10.47024 (14090904)	10.40775 (14090904)	10.32815 (12012417)
10.27204	(12012417)	10.19777 (12012417)		
3767695.1		10.35754 (13083101)	10.22061 (13083101)	10.14671 (14090904)
10.07214	(14090904)	10.01337 (12012417)		
3767675.1		10.25476 (15101304)	10.11242 (13083101)	9.98747 (13083101)
9.89391	(14090904)	9.82577 (14090904)		
3767655.1		10.21270 (15101304)	10.03322 (15101304)	9.87520 (13083101)
9.75792	(13083101)	9.64109 (14090904)		
3767635.1		10.12836 (15101304)	9.98193 (15101304)	9.81435 (15101304)
9.63868	(13083101)	9.53219 (13083101)		
3767615.1		10.00848 (15101304)	9.89051 (15101304)	9.75892 (15101304)
9.60246	(15101304)	9.42357 (15101304)		
3767595.1		9.85515 (12082921)	9.76545 (15101304)	9.66537 (15101304)
9.53933	(15101304)	9.38955 (15101304)		
3767575.1		9.75440 (14082724)	9.62679 (12082921)	9.53994 (15101304)
9.44397	(15101304)	9.31933 (15101304)		
3767555.1		9.65677 (14082724)	9.53274 (14082724)	9.40681 (12082921)
9.31839	(15101304)	9.22244 (15101304)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
 \*\*\* 10:46:33

PAGE 202

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD (METERS)	437062.46	437082.46	X-COORD (METERS) 437102.46
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437122.46	437142.46
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3768555.1	16.86649 (14083021)	16.85980 (14011817)	16.51324 (14011817)
16.18158 (14083021)	15.87228 (14083021)		
3768535.1	15.28621 (12090522)	14.98094 (12090522)	14.68498 (12090522)
14.40826 (14083021)	14.46548 (14083021)		
3768515.1	14.10053 (12090522)	14.02837 (12090522)	13.76256 (12090522)
13.50430 (12090522)	13.42310 (12090522)		
3768495.1	13.65467 (15101305)	13.51978 (15101305)	13.11241 (15101305)
12.98685 (15101305)	12.86597 (15101305)		
3768475.1	13.32041 (15101305)	13.16246 (15101305)	12.91312 (15101305)
12.67025 (15101305)	12.50798 (15101305)		
3768455.1	13.21891 (16012417)	12.94973 (16012417)	12.70330 (16082921)
12.46197 (16082921)	12.22831 (16082921)		
3768435.1	13.17173 (16012417)	12.91972 (16012417)	12.67200 (16012417)
12.43135 (16012417)	12.19488 (16012417)		
3768415.1	13.07732 (14070623)	12.82427 (14070623)	12.57654 (14070623)
12.34030 (16012417)	12.12083 (16012417)		
3768395.1	13.10966 (14073022)	12.83266 (14073022)	12.55968 (14073022)
12.29372 (14073022)	12.04250 (14070623)		
3768375.1	13.21288 (15082519)	12.92934 (15082519)	12.65054 (15082519)
12.37752 (15082519)	12.11127 (15082519)		
3768355.1	13.22495 (15082519)	12.96155 (15082519)	12.70223 (15082519)
12.44804 (15082519)	12.19815 (15082519)		
3768335.1	13.13896 (15082519)	12.90027 (15082519)	12.66470 (15082519)
12.43169 (15082519)	12.20212 (15082519)		
3768315.1	12.95819 (15082519)	12.74711 (15082519)	12.53726 (15082519)
12.32892 (15082519)	12.12170 (15082519)		
3768295.1	12.82042 (14070522)	12.56387 (15062824)	12.32690 (15062824)
12.14301 (15082519)	11.96041 (15082519)		
3768275.1	12.78851 (14070522)	12.54613 (14070522)	12.30502 (14070522)
12.06557 (14070522)	11.82778 (14070522)		
3768255.1	12.66778 (14070522)	12.45408 (14070522)	12.23949 (14070522)
12.02452 (14070522)	11.80948 (14070522)		
3768235.1	12.52501 (12091623)	12.30983 (12091623)	12.09269 (12091623)
11.90426 (14070522)	11.71474 (14070522)		
3768215.1	12.45923 (16060221)	12.20707 (16060221)	11.96680 (12091623)
11.77672 (12091623)	11.58460 (12091623)		
3768195.1	12.39574 (16060221)	12.17258 (16060221)	11.94727 (16060221)
11.72050 (16060221)	11.49142 (16060221)		
3768175.1	12.34948 (15080322)	12.11908 (15080322)	11.88792 (15080322)
11.66430 (16060221)	11.46048 (16060221)		
3768155.1	12.22670 (15080322)	12.02966 (15080322)	11.82805 (15080322)
11.62270 (15080322)	11.41246 (15080322)		



3768135.1	12.25790 (12102717)	11.97420 (12102717)	11.69621 (15080322)
11.52029 (15080322)	11.33549 (15080322)		
3768115.1	12.28252 (12102717)	12.03135 (12102717)	11.77439 (12102717)
11.51463 (12102717)	11.25128 (12102717)		
3768095.1	12.22657 (12102717)	12.00669 (12102717)	11.78075 (12102717)
11.55180 (12102717)	11.31486 (12102717)		
3768075.1	12.09708 (12102717)	11.90738 (12102717)	11.71208 (12102717)
11.51448 (12102717)	11.30851 (12102717)		
3768055.1	11.89355 (12102717)	11.73954 (12102717)	11.58082 (12102717)
11.41325 (12102717)	11.24250 (12102717)		
3768035.1	11.70204 (14110517)	11.50829 (12102717)	11.38165 (12102717)
11.25240 (12102717)	11.11090 (12102717)		
3768015.1	11.55578 (14110517)	11.38634 (14110517)	11.21306 (14110517)
11.03656 (14110517)	10.92194 (12102717)		
3767995.1	11.35031 (14110517)	11.21546 (14110517)	11.07535 (14110517)
10.93059 (14110517)	10.77862 (14110517)		
3767975.1	11.33234 (15081623)	11.10400 (15081623)	10.88375 (14110517)
10.76810 (14110517)	10.64699 (14110517)		
3767955.1	11.27127 (15012217)	11.07242 (15081623)	10.86661 (15081623)
10.66469 (15081623)	10.46555 (14110517)		
3767935.1	11.23588 (15012217)	11.02946 (15012217)	10.81418 (15081623)
10.64177 (15081623)	10.46325 (15081623)		
3767915.1	11.14079 (15012217)	10.97197 (15012217)	10.79042 (15012217)
10.60033 (15012217)	10.41333 (15081623)		
3767895.1	10.98585 (15012217)	10.85546 (15012217)	10.71039 (15012217)
10.55477 (15012217)	10.38434 (15012217)		
3767875.1	10.78460 (15012217)	10.68923 (15012217)	10.58080 (15012217)
10.45731 (15012217)	10.31754 (15012217)		
3767855.1	10.68769 (13103117)	10.49104 (13103117)	10.40201 (15012217)
10.30799 (15012217)	10.19935 (15012217)		
3767835.1	10.63338 (13103117)	10.46824 (13103117)	10.28905 (13103117)
10.11560 (15012217)	10.03258 (15012217)		
3767815.1	10.52706 (13103117)	10.39421 (13103117)	10.24245 (13103117)
10.07384 (13103117)	9.88709 (13103117)		
3767795.1	10.44079 (13083103)	10.27128 (13103117)	10.15081 (13103117)
10.00878 (13103117)	9.85038 (13103117)		
3767775.1	10.39102 (13083103)	10.22382 (13083103)	10.03587 (14091022)
9.89778 (13103117)	9.77151 (13103117)		

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 Blvd Warehouse\Mission Blv \*\*\*                      09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*                      10:46:33

PAGE 203

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

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL                      \*\*\*  
                                          INCLUDING SOURCE(S):      L0000001      , L0000002  
 , L0000003      , L0000004      , L0000005      ,

, L0000011      L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
                   , L0000012      , L0000013      ,  
                   L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
 , L0000019      , L0000020      , L0000021      ,  
                   L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
 , L0000027      , L0000028      , . . .      ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	437062.46	437082.46	437102.46
437122.46	437142.46		

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3767755.1	10.29339 (13083103)	10.15389 (13083103)	9.99500 (13083103)
9.81859 (13083103)	9.65444 (14091022)		
3767735.1	10.21142 (12012417)	10.05424 (12012417)	9.91393 (13083103)
9.76642 (13083103)	9.60527 (13083103)		
3767715.1	10.09489 (12012417)	9.96957 (12012417)	9.82018 (12012417)
9.67150 (13083103)	9.54201 (13083103)		
3767695.1	9.93911 (12012417)	9.84166 (12012417)	9.72265 (12012417)
9.59097 (12012417)	9.44426 (12012417)		
3767675.1	9.74710 (12012417)	9.68055 (12012417)	9.59157 (12012417)
9.48900 (12012417)	9.37389 (12012417)		
3767655.1	9.57523 (14090904)	9.49033 (14090904)	9.42973 (12012417)
9.35946 (12012417)	9.26848 (12012417)		
3767635.1	9.39994 (13083101)	9.32886 (14090904)	9.25824 (14090904)
9.19387 (12012417)	9.13020 (12012417)		
3767615.1	9.30382 (13083101)	9.18260 (13083101)	9.09812 (14090904)
9.03689 (14090904)	8.96149 (12012417)		
3767595.1	9.21444 (15101304)	9.08605 (13083101)	8.97818 (13083101)
8.87473 (14090904)	8.81857 (14090904)		
3767575.1	9.17597 (15101304)	9.01929 (15101304)	8.87843 (13083101)
8.77682 (13083101)	8.65924 (13083101)		
3767555.1	9.11071 (15101304)	8.97690 (15101304)	8.82651 (15101304)
8.67428 (13083101)	8.58152 (13083101)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
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 \*\*\* AERMET - VERSION 16216 \*\*\*      \*\*\*  
                                          \*\*\*      10:46:33

PAGE 204

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

\*\*\* THE      1ST HIGHEST      1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	437162.46	X-COORD (METERS)
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-----		
3768555.1		15.57225 (14083021)
3768535.1		14.20030 (14083021)
3768515.1		13.17616 (12090522)
3768495.1		12.48358 (15101305)
3768475.1		12.20312 (15101305)
3768455.1		12.00038 (16082921)
3768435.1		11.96521 (16012417)
3768415.1		11.90689 (16012417)
3768395.1		11.82775 (14070623)
3768375.1		11.86276 (14073022)
3768355.1		11.95263 (15082519)
3768335.1		11.97480 (15082519)
3768315.1		11.91542 (15082519)
3768295.1		11.77748 (15082519)
3768275.1		11.61078 (15062824)
3768255.1		11.59478 (14070522)
3768235.1		11.52341 (14070522)
3768215.1		11.38999 (12091623)
3768195.1		11.27018 (12091623)
3768175.1		11.25654 (16060221)
3768155.1		11.19994 (15080322)
3768135.1		11.14886 (15080322)
3768115.1		11.03793 (15080322)
3768095.1		11.07681 (12102717)
3768075.1		11.10163 (12102717)
3768055.1		11.06441 (12102717)
3768035.1		10.96520 (12102717)
3768015.1		10.80695 (12102717)
3767995.1		10.61748 (14110517)

```

3767975.1 | 10.51775 (14110517)
3767955.1 | 10.36593 (14110517)
3767935.1 | 10.27557 (15081623)
3767915.1 | 10.25322 (15081623)
3767895.1 | 10.20331 (15012217)
3767875.1 | 10.16076 (15012217)
3767855.1 | 10.07231 (15012217)
3767835.1 | 9.93288 (15012217)
3767815.1 | 9.75308 (15012217)
3767795.1 | 9.68030 (13103117)
3767775.1 | 9.62885 (13103117)

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^ *** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv *** 09/22/21
*** AERMET - VERSION 16216 *** ***
*** 10:46:33

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PAGE 205

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

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
, L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
, L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
, L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

```

\*\*\* NETWORK ID: UCART2 ; NETWORK TYPE:

GRIDCART \*\*\*

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

\*\*

```

Y-COORD | X-COORD (METERS)
(METERS) | 437162.46
-----

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3767755.1 | 9.53427 (13103117)
3767735.1 | 9.43189 (13083103)
3767715.1 | 9.39514 (13083103)
3767695.1 | 9.32565 (13083103)
3767675.1 | 9.24377 (12012417)
3767655.1 | 9.16868 (12012417)
3767635.1 | 9.05704 (12012417)
3767615.1 | 8.91788 (12012417)
3767595.1 | 8.75677 (14090904)

```

3767575.1 | 8.61745 (14090904)  
3767555.1 | 8.47910 (13083101)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 206

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

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): L0000001 , L0000002  
, L0000003 , L0000004 , L0000005 ,  
L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
, L0000011 , L0000012 , L0000013 ,  
L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
, L0000019 , L0000020 , L0000021 ,  
L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
435651.62	3768720.59	408.67596	(12071607)	435652.62
3768592.32	383.58566	(12061607)		
435814.32	3768590.82	615.64870	(12121716)	435812.32
3768721.58	516.90529	(16082707)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 207

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

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848

HRS) RESULTS \*\*\*

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

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	257.74610	AT ( 435724.87, 3768661.16, 282.60,
282.60,	0.00) GC UCART1		
	2ND HIGHEST VALUE IS	146.30751	AT ( 435812.32, 3768721.58, 284.04,
284.04,	0.00) DC		
	3RD HIGHEST VALUE IS	85.34225	AT ( 435814.32, 3768590.82, 282.83,
282.83,	0.00) DC		
	4TH HIGHEST VALUE IS	83.39030	AT ( 435652.62, 3768592.32, 281.45,
281.45,	0.00) DC		
	5TH HIGHEST VALUE IS	66.80754	AT ( 435651.62, 3768720.59, 282.62,
282.62,	0.00) DC		
	6TH HIGHEST VALUE IS	57.28403	AT ( 435722.46, 3768555.07, 281.40,
281.40,	0.00) GC UCART2		
	7TH HIGHEST VALUE IS	56.66449	AT ( 435742.46, 3768555.07, 281.50,
281.50,	0.00) GC UCART2		
	8TH HIGHEST VALUE IS	55.83679	AT ( 435702.46, 3768555.07, 281.20,
281.20,	0.00) GC UCART2		
	9TH HIGHEST VALUE IS	54.36813	AT ( 435762.46, 3768555.07, 281.80,
281.80,	0.00) GC UCART2		
	10TH HIGHEST VALUE IS	52.58462	AT ( 435682.46, 3768555.07, 281.10,
281.10,	0.00) GC UCART2		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

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 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 208

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

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

DATE

NETWORK

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	GRID-ID	(YYMMDDHH)	RECEPTOR
-------------------------------------------	-------------------------	---------	------------	----------

ALL HIGH 1ST HIGH VALUE IS 819.92226 ON 12062806: AT ( 435724.87,  
3768661.16, 282.60, 282.60, 0.00) GC UCART1

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 209

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

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 1628 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 1278 Calm Hours Identified  
  
A Total of 350 Missing Hours Identified ( 0.80 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 459 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 459 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 1

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

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

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

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

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

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

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 181 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Other Options Specified:

ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET

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

\*\*This Run Includes: 181 Source(s); 1 Source Group(s); and 8656  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)



and: 181 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 289.00 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 4.6 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Mission Blvd Warehouse HRA.err

\*\*File for Summary of Results: Mission Blvd Warehouse HRA.sum

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Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*  
\*\*\* 10:46:33

PAGE 2

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



Surface station no.: 3102  
Name: UNKNOWN

Upper air station no.: 3190  
Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
12	01	01	1	01	-16.4	0.171	-9.000	-9.000	-999.	170.	32.3	0.09	1.12	
1.00	2.03	43.	7.9	285.9	2.0									
12	01	01	1	02	-18.8	0.194	-9.000	-9.000	-999.	205.	41.3	0.09	1.12	
1.00	2.28	34.	7.9	285.4	2.0									
12	01	01	1	03	-17.8	0.182	-9.000	-9.000	-999.	187.	36.5	0.09	1.12	
1.00	2.15	24.	7.9	282.0	2.0									
12	01	01	1	04	-9.4	0.128	-9.000	-9.000	-999.	110.	19.6	0.09	1.12	
1.00	1.55	41.	7.9	283.1	2.0									
12	01	01	1	05	-16.9	0.173	-9.000	-9.000	-999.	173.	33.0	0.09	1.12	
1.00	2.05	39.	7.9	280.4	2.0									
12	01	01	1	06	-8.0	0.117	-9.000	-9.000	-999.	97.	17.8	0.09	1.12	
1.00	1.43	21.	7.9	282.0	2.0									
12	01	01	1	07	-7.6	0.115	-9.000	-9.000	-999.	93.	17.4	0.09	1.12	
1.00	1.40	31.	7.9	282.5	2.0									
12	01	01	1	08	-13.6	0.184	-9.000	-9.000	-999.	190.	40.5	0.09	1.12	
0.54	2.16	34.	7.9	284.2	2.0									
12	01	01	1	09	28.4	0.126	0.300	0.011	33.	108.	-6.2	0.09	1.12	
0.32	1.03	29.	7.9	289.2	2.0									
12	01	01	1	10	79.8	0.133	0.607	0.010	99.	116.	-2.6	0.09	1.12	
0.25	0.94	173.	7.9	292.5	2.0									
12	01	01	1	11	115.8	0.137	0.932	0.006	246.	121.	-2.0	0.09	1.12	
0.22	0.92	172.	7.9	295.4	2.0									
12	01	01	1	12	133.7	0.139	1.197	0.005	453.	125.	-1.8	0.09	1.12	
0.21	0.92	146.	7.9	297.5	2.0									
12	01	01	1	13	133.2	0.160	1.354	0.005	657.	153.	-2.7	0.09	1.12	
0.21	1.14	117.	7.9	299.9	2.0									
12	01	01	1	14	113.5	0.159	1.454	0.005	955.	151.	-3.1	0.09	1.12	
0.23	1.16	285.	7.9	300.9	2.0									
12	01	01	1	15	76.2	0.166	1.350	0.005	1138.	163.	-5.3	0.09	1.12	
0.26	1.33	72.	7.9	302.0	2.0									
12	01	01	1	16	23.5	0.175	0.925	0.005	1183.	175.	-19.9	0.09	1.12	
0.35	1.65	107.	7.9	301.4	2.0									
12	01	01	1	17	-6.1	0.107	-9.000	-9.000	-999.	86.	18.0	0.09	1.12	
0.63	1.31	107.	7.9	298.1	2.0									
12	01	01	1	18	-11.1	0.141	-9.000	-9.000	-999.	127.	22.1	0.09	1.12	
1.00	1.69	86.	7.9	293.1	2.0									
12	01	01	1	19	-3.2	0.076	-9.000	-9.000	-999.	51.	11.8	0.09	1.12	
1.00	0.91	64.	7.9	292.0	2.0									
12	01	01	1	20	-2.3	0.066	-9.000	-9.000	-999.	41.	11.2	0.09	1.12	

```

1.00  0.74  73.   7.9  288.8   2.0
 12 01 01   1 21 -10.0  0.133 -9.000 -9.000 -999. 116.    20.5  0.09  1.12
1.00  1.60  14.   7.9  288.1   2.0
 12 01 01   1 22 -19.4  0.201 -9.000 -9.000 -999. 216.    44.5  0.09  1.12
1.00  2.36  22.   7.9  287.5   2.0
 12 01 01   1 23 -23.7  0.246 -9.000 -9.000 -999. 293.    66.5  0.09  1.12
1.00  2.86  40.   7.9  287.0   2.0
 12 01 01   1 24 -12.3  0.147 -9.000 -9.000 -999. 139.    23.8  0.09  1.12
1.00  1.76  40.   7.9  283.8   2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F  WDIR   WSPD AMB_TMP sigmaA  sigmaW  sigmaV
12 01 01 01   7.9 1   43.   2.03  286.0  99.0  -99.00 -99.00

```

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

```

^ *** AERMOD - VERSION 19191 ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Mission
Blvd Warehouse\Mission Blv ***   09/22/21
*** AERMET - VERSION 16216 ***   ***
***                               ***   10:46:33

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PAGE 4

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*** MODELOPTs:   RegDFault  CONC  ELEV  URBAN  ADJ_U*

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```

*** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***

```

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

```

          NETWORK
GROUP ID          AVERAGE CONC          RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE  GRID-ID
-----
ALL          1ST HIGHEST VALUE IS          257.74610 AT ( 435724.87,  3768661.16,  282.60,
282.60,      0.00) GC UCART1
          2ND HIGHEST VALUE IS          146.30751 AT ( 435812.32,  3768721.58,  284.04,
284.04,      0.00) DC
          3RD HIGHEST VALUE IS           85.34225 AT ( 435814.32,  3768590.82,  282.83,
282.83,      0.00) DC
          4TH HIGHEST VALUE IS           83.39030 AT ( 435652.62,  3768592.32,  281.45,
281.45,      0.00) DC
          5TH HIGHEST VALUE IS           66.80754 AT ( 435651.62,  3768720.59,  282.62,
282.62,      0.00) DC
          6TH HIGHEST VALUE IS           57.28403 AT ( 435722.46,  3768555.07,  281.40,
281.40,      0.00) GC UCART2

```

7TH HIGHEST VALUE IS 56.66449 AT ( 435742.46, 3768555.07, 281.50,  
 281.50, 0.00) GC UCART2  
 8TH HIGHEST VALUE IS 55.83679 AT ( 435702.46, 3768555.07, 281.20,  
 281.20, 0.00) GC UCART2  
 9TH HIGHEST VALUE IS 54.36813 AT ( 435762.46, 3768555.07, 281.80,  
 281.80, 0.00) GC UCART2  
 10TH HIGHEST VALUE IS 52.58462 AT ( 435682.46, 3768555.07, 281.10,  
 281.10, 0.00) GC UCART2

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

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 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 5

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

\*\*\* 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 (YMMDDHH)	RECEPTOR
-----	-----	-----	-----	-----

ALL HIGH 1ST HIGH VALUE IS 819.92226 ON 12062806: AT ( 435724.87,  
 3768661.16, 282.60, 282.60, 0.00) GC UCART1

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Mission  
 Blvd Warehouse\Mission Blv \*\*\* 09/22/21  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
 \*\*\* 10:46:33

PAGE 6

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

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 1628 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 1278 Calm Hours Identified  
  
A Total of 350 Missing Hours Identified ( 0.80 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 459 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used  
0.50  
ME W187 459 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

HARP2 - HRACalc (dated 21081) 1/18/2022 11:06:16 AM - Output Log

GLCs loaded successfully  
Pollutants loaded successfully  
Pathway receptors loaded successfully  
\*\*\*\*\*

RISK SCENARIO SETTINGS

Receptor Type: Resident  
Scenario: All  
Calculation Method: Derived

\*\*\*\*\*  
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25  
Total Exposure Duration: 1.08333

Exposure Duration Bin Distribution  
3rd Trimester Bin: 0.25  
0<2 Years Bin: 1.08333  
2<9 Years Bin: 0  
2<16 Years Bin: 0  
16<30 Years Bin: 0  
16 to 70 Years Bin: 0

\*\*\*\*\*  
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True  
Soil: True  
Dermal: True  
Mother's milk: True  
Water: False  
Fish: False  
Homegrown crops: True  
Beef: False  
Dairy: False  
Pig: False  
Chicken: False  
Egg: False

\*\*\*\*\*  
INHALATION

Daily breathing rate: RMP

**\*\*Worker Adjustment Factors\*\***  
Worker adjustment factors enabled: NO

**\*\*Fraction at time at home\*\***  
3rd Trimester to 16 years: OFF  
16 years to 70 years: ON

\*\*\*\*\*  
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02  
Soil mixing depth (m): 0.01  
Dermal climate: Warm

\*\*\*\*\*  
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden  
Fraction leafy: 0.137  
Fraction exposed: 0.137  
Fraction protected: 0.137  
Fraction root: 0.137

\*\*\*\*\*  
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResCancerRisk.csv

Cancer risk total by receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResNCChronicRisk.csv

Chronic risk total by receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResNCAcuteRisk.csv

Acute risk total by receptor saved to: \\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\ResNCAcuteRiskSumByRec.csv



HRA ran successfully





66 ALL	UCART1	432533.1	3765868	7.08E-08	1.08333YrC	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67 ALL	UCART1	432932.1	3765868	8.07E-08	1.08333YrC	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68 ALL	UCART1	433331.1	3765868	9.21E-08	1.08333YrC	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69 ALL	UCART1	433730	3765868	1.04E-07	1.08333YrC	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70 ALL	UCART1	434129	3765868	1.13E-07	1.08333YrC	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71 ALL	UCART1	434528	3765868	1.18E-07	1.08333YrC	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72 ALL	UCART1	434926.9	3765868	1.18E-07	1.08333YrC	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73 ALL	UCART1	435325.9	3765868	1.17E-07	1.08333YrC	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74 ALL	UCART1	435724.9	3765868	1.15E-07	1.08333YrC	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75 ALL	UCART1	436123.8	3765868	1.11E-07	1.08333YrC	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76 ALL	UCART1	436522.8	3765868	1.05E-07	1.08333YrC	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77 ALL	UCART1	436921.8	3765868	9.81E-08	1.08333YrC	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78 ALL	UCART1	437320.8	3765868	8.97E-08	1.08333YrC	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79 ALL	UCART1	437719.7	3765868	8.05E-08	1.08333YrC	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80 ALL	UCART1	438118.7	3765868	7.17E-08	1.08333YrC	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81 ALL	UCART1	438517.7	3765868	6.41E-08	1.08333YrC	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82 ALL	UCART1	438916.6	3765868	5.76E-08	1.08333YrC	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83 ALL	UCART1	439315.6	3765868	5.18E-08	1.08333YrC	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84 ALL	UCART1	439714.6	3765868	4.70E-08	1.08333YrC	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85 ALL	UCART1	431735.2	3766267	5.55E-08	1.08333YrC	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86 ALL	UCART1	432134.1	3766267	6.43E-08	1.08333YrC	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87 ALL	UCART1	432533.1	3766267	7.57E-08	1.08333YrC	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88 ALL	UCART1	432932.1	3766267	8.83E-08	1.08333YrC	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89 ALL	UCART1	433331.1	3766267	1.04E-07	1.08333YrC	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90 ALL	UCART1	433730	3766267	1.22E-07	1.08333YrC	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91 ALL	UCART1	434129	3766267	1.38E-07	1.08333YrC	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92 ALL	UCART1	434528	3766267	1.50E-07	1.08333YrC	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93 ALL	UCART1	434926.9	3766267	1.53E-07	1.08333YrC	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94 ALL	UCART1	435325.9	3766267	1.51E-07	1.08333YrC	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95 ALL	UCART1	435724.9	3766267	1.49E-07	1.08333YrC	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96 ALL	UCART1	436123.8	3766267	1.43E-07	1.08333YrC	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97 ALL	UCART1	436522.8	3766267	1.33E-07	1.08333YrC	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98 ALL	UCART1	436921.8	3766267	1.21E-07	1.08333YrC	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



132 ALL	UCART1	433730	3767065	1.59E-07	1.08333YrC	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133 ALL	UCART1	434129	3767065	2.03E-07	1.08333YrC	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134 ALL	UCART1	434528	3767065	2.55E-07	1.08333YrC	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135 ALL	UCART1	434926.9	3767065	2.95E-07	1.08333YrC	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136 ALL	UCART1	435325.9	3767065	3.03E-07	1.08333YrC	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137 ALL	UCART1	435724.9	3767065	2.98E-07	1.08333YrC	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138 ALL	UCART1	436123.8	3767065	2.74E-07	1.08333YrC	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139 ALL	UCART1	436522.8	3767065	2.39E-07	1.08333YrC	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140 ALL	UCART1	436921.8	3767065	1.99E-07	1.08333YrC	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141 ALL	UCART1	437320.8	3767065	1.63E-07	1.08333YrC	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142 ALL	UCART1	437719.7	3767065	1.35E-07	1.08333YrC	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143 ALL	UCART1	438118.7	3767065	1.13E-07	1.08333YrC	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144 ALL	UCART1	438517.7	3767065	9.67E-08	1.08333YrC	9.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145 ALL	UCART1	438916.6	3767065	8.41E-08	1.08333YrC	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146 ALL	UCART1	439315.6	3767065	7.40E-08	1.08333YrC	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147 ALL	UCART1	439714.6	3767065	6.57E-08	1.08333YrC	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148 ALL	UCART1	431735.2	3767464	5.95E-08	1.08333YrC	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149 ALL	UCART1	432134.1	3767464	7.05E-08	1.08333YrC	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150 ALL	UCART1	432533.1	3767464	8.47E-08	1.08333YrC	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151 ALL	UCART1	432932.1	3767464	1.05E-07	1.08333YrC	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152 ALL	UCART1	433331.1	3767464	1.33E-07	1.08333YrC	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153 ALL	UCART1	433730	3767464	1.73E-07	1.08333YrC	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154 ALL	UCART1	434129	3767464	2.36E-07	1.08333YrC	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155 ALL	UCART1	434528	3767464	3.28E-07	1.08333YrC	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156 ALL	UCART1	434926.9	3767464	4.38E-07	1.08333YrC	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157 ALL	UCART1	435325.9	3767464	4.95E-07	1.08333YrC	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158 ALL	UCART1	435724.9	3767464	4.87E-07	1.08333YrC	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159 ALL	UCART1	436123.8	3767464	4.30E-07	1.08333YrC	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160 ALL	UCART1	436522.8	3767464	3.44E-07	1.08333YrC	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161 ALL	UCART1	436921.8	3767464	2.63E-07	1.08333YrC	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162 ALL	UCART1	437320.8	3767464	2.05E-07	1.08333YrC	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163 ALL	UCART1	437719.7	3767464	1.65E-07	1.08333YrC	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164 ALL	UCART1	438118.7	3767464	1.36E-07	1.08333YrC	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00









264 ALL	UCART1	436123.8	3769459	6.46E-07	1.08333YrC	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265 ALL	UCART1	436522.8	3769459	6.64E-07	1.08333YrC	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266 ALL	UCART1	436921.8	3769459	8.00E-07	1.08333YrC	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267 ALL	UCART1	437320.8	3769459	8.25E-07	1.08333YrC	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268 ALL	UCART1	437719.7	3769459	7.29E-07	1.08333YrC	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269 ALL	UCART1	438118.7	3769459	5.96E-07	1.08333YrC	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270 ALL	UCART1	438517.7	3769459	4.76E-07	1.08333YrC	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271 ALL	UCART1	438916.6	3769459	3.82E-07	1.08333YrC	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272 ALL	UCART1	439315.6	3769459	3.09E-07	1.08333YrC	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273 ALL	UCART1	439714.6	3769459	2.53E-07	1.08333YrC	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274 ALL	UCART1	431735.2	3769858	5.32E-08	1.08333YrC	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275 ALL	UCART1	432134.1	3769858	6.19E-08	1.08333YrC	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276 ALL	UCART1	432533.1	3769858	7.31E-08	1.08333YrC	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277 ALL	UCART1	432932.1	3769858	8.78E-08	1.08333YrC	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278 ALL	UCART1	433331.1	3769858	1.07E-07	1.08333YrC	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279 ALL	UCART1	433730	3769858	1.16E-07	1.08333YrC	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280 ALL	UCART1	434129	3769858	1.40E-07	1.08333YrC	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281 ALL	UCART1	434528	3769858	1.66E-07	1.08333YrC	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282 ALL	UCART1	434926.9	3769858	2.08E-07	1.08333YrC	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283 ALL	UCART1	435325.9	3769858	2.44E-07	1.08333YrC	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284 ALL	UCART1	435724.9	3769858	2.65E-07	1.08333YrC	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285 ALL	UCART1	436123.8	3769858	2.87E-07	1.08333YrC	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286 ALL	UCART1	436522.8	3769858	2.96E-07	1.08333YrC	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287 ALL	UCART1	436921.8	3769858	3.05E-07	1.08333YrC	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288 ALL	UCART1	437320.8	3769858	3.53E-07	1.08333YrC	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289 ALL	UCART1	437719.7	3769858	4.00E-07	1.08333YrC	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290 ALL	UCART1	438118.7	3769858	4.11E-07	1.08333YrC	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291 ALL	UCART1	438517.7	3769858	3.90E-07	1.08333YrC	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292 ALL	UCART1	438916.6	3769858	3.52E-07	1.08333YrC	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293 ALL	UCART1	439315.6	3769858	3.09E-07	1.08333YrC	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294 ALL	UCART1	439714.6	3769858	2.67E-07	1.08333YrC	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295 ALL	UCART1	431735.2	3770257	5.04E-08	1.08333YrC	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296 ALL	UCART1	432134.1	3770257	5.80E-08	1.08333YrC	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297 ALL	UCART1	432533.1	3770257	6.49E-08	1.08333YrC	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298 ALL	UCART1	432932.1	3770257	6.67E-08	1.08333YrC	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299 ALL	UCART1	433331.1	3770257	7.64E-08	1.08333YrC	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300 ALL	UCART1	433730	3770257	8.75E-08	1.08333YrC	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301 ALL	UCART1	434129	3770257	1.01E-07	1.08333YrC	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302 ALL	UCART1	434528	3770257	1.17E-07	1.08333YrC	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303 ALL	UCART1	434926.9	3770257	1.34E-07	1.08333YrC	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304 ALL	UCART1	435325.9	3770257	1.42E-07	1.08333YrC	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305 ALL	UCART1	435724.9	3770257	1.52E-07	1.08333YrC	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306 ALL	UCART1	436123.8	3770257	1.59E-07	1.08333YrC	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307 ALL	UCART1	436522.8	3770257	1.70E-07	1.08333YrC	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308 ALL	UCART1	436921.8	3770257	1.73E-07	1.08333YrC	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309 ALL	UCART1	437320.8	3770257	1.73E-07	1.08333YrC	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310 ALL	UCART1	437719.7	3770257	1.95E-07	1.08333YrC	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311 ALL	UCART1	438118.7	3770257	2.20E-07	1.08333YrC	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312 ALL	UCART1	438517.7	3770257	2.41E-07	1.08333YrC	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313 ALL	UCART1	438916.6	3770257	2.48E-07	1.08333YrC	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314 ALL	UCART1	439315.6	3770257	2.45E-07	1.08333YrC	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315 ALL	UCART1	439714.6	3770257	2.32E-07	1.08333YrC	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316 ALL	UCART1	431735.2	3770656	4.01E-08	1.08333YrC	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317 ALL	UCART1	432134.1	3770656	4.41E-08	1.08333YrC	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318 ALL	UCART1	432533.1	3770656	4.89E-08	1.08333YrC	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319 ALL	UCART1	432932.1	3770656	5.46E-08	1.08333YrC	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320 ALL	UCART1	433331.1	3770656	6.10E-08	1.08333YrC	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321 ALL	UCART1	433730	3770656	6.78E-08	1.08333YrC	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322 ALL	UCART1	434129	3770656	7.53E-08	1.08333YrC	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323 ALL	UCART1	434528	3770656	8.44E-08	1.08333YrC	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324 ALL	UCART1	434926.9	3770656	9.00E-08	1.08333YrC	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325 ALL	UCART1	435325.9	3770656	9.32E-08	1.08333YrC	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326 ALL	UCART1	435724.9	3770656	9.66E-08	1.08333YrC	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327 ALL	UCART1	436123.8	3770656	9.89E-08	1.08333YrC	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328 ALL	UCART1	436522.8	3770656	1.09E-07	1.08333YrC	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329 ALL	UCART1	436921.8	3770656	1.11E-07	1.08333YrC	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



363 ALL	UCART1	433730	3771454	4.10E-08	1.08333YrC	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364 ALL	UCART1	434129	3771454	4.49E-08	1.08333YrC	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365 ALL	UCART1	434528	3771454	4.48E-08	1.08333YrC	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366 ALL	UCART1	434926.9	3771454	4.62E-08	1.08333YrC	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367 ALL	UCART1	435325.9	3771454	4.71E-08	1.08333YrC	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368 ALL	UCART1	435724.9	3771454	4.74E-08	1.08333YrC	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369 ALL	UCART1	436123.8	3771454	4.79E-08	1.08333YrC	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370 ALL	UCART1	436522.8	3771454	5.37E-08	1.08333YrC	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371 ALL	UCART1	436921.8	3771454	5.57E-08	1.08333YrC	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372 ALL	UCART1	437320.8	3771454	5.68E-08	1.08333YrC	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373 ALL	UCART1	437719.7	3771454	5.91E-08	1.08333YrC	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374 ALL	UCART1	438118.7	3771454	5.78E-08	1.08333YrC	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375 ALL	UCART1	438517.7	3771454	5.89E-08	1.08333YrC	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376 ALL	UCART1	438916.6	3771454	6.34E-08	1.08333YrC	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377 ALL	UCART1	439315.6	3771454	6.84E-08	1.08333YrC	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378 ALL	UCART1	439714.6	3771454	7.45E-08	1.08333YrC	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379 ALL	UCART1	431735.2	3771853	2.53E-08	1.08333YrC	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380 ALL	UCART1	432134.1	3771853	2.74E-08	1.08333YrC	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381 ALL	UCART1	432533.1	3771853	2.88E-08	1.08333YrC	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382 ALL	UCART1	432932.1	3771853	2.99E-08	1.08333YrC	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383 ALL	UCART1	433331.1	3771853	3.21E-08	1.08333YrC	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384 ALL	UCART1	433730	3771853	3.46E-08	1.08333YrC	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385 ALL	UCART1	434129	3771853	3.57E-08	1.08333YrC	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386 ALL	UCART1	434528	3771853	3.57E-08	1.08333YrC	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387 ALL	UCART1	434926.9	3771853	3.54E-08	1.08333YrC	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388 ALL	UCART1	435325.9	3771853	4.08E-08	1.08333YrC	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389 ALL	UCART1	435724.9	3771853	3.64E-08	1.08333YrC	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390 ALL	UCART1	436123.8	3771853	3.54E-08	1.08333YrC	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391 ALL	UCART1	436522.8	3771853	3.91E-08	1.08333YrC	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392 ALL	UCART1	436921.8	3771853	4.26E-08	1.08333YrC	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393 ALL	UCART1	437320.8	3771853	4.32E-08	1.08333YrC	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394 ALL	UCART1	437719.7	3771853	4.52E-08	1.08333YrC	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395 ALL	UCART1	438118.7	3771853	4.59E-08	1.08333YrC	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

































































































































































































































































































































































































































































































































































8382	ALL	UCART2	434982.5	3768535	9.76E-07	1.08333YrC	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8383	ALL	UCART2	435002.5	3768535	1.02E-06	1.08333YrC	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8384	ALL	UCART2	435022.5	3768535	1.07E-06	1.08333YrC	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8385	ALL	UCART2	435042.5	3768535	1.13E-06	1.08333YrC	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8386	ALL	UCART2	435062.5	3768535	1.19E-06	1.08333YrC	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8387	ALL	UCART2	435082.5	3768535	1.25E-06	1.08333YrC	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8388	ALL	UCART2	435102.5	3768535	1.32E-06	1.08333YrC	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8389	ALL	UCART2	435122.5	3768535	1.39E-06	1.08333YrC	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8390	ALL	UCART2	435142.5	3768535	1.48E-06	1.08333YrC	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8391	ALL	UCART2	435162.5	3768535	1.57E-06	1.08333YrC	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8392	ALL	UCART2	435182.5	3768535	1.67E-06	1.08333YrC	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8393	ALL	UCART2	435202.5	3768535	1.78E-06	1.08333YrC	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8394	ALL	UCART2	435222.5	3768535	1.90E-06	1.08333YrC	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8395	ALL	UCART2	435242.5	3768535	2.04E-06	1.08333YrC	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8396	ALL	UCART2	435262.5	3768535	2.19E-06	1.08333YrC	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8397	ALL	UCART2	435282.5	3768535	2.36E-06	1.08333YrC	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8398	ALL	UCART2	435302.5	3768535	2.56E-06	1.08333YrC	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8399	ALL	UCART2	435322.5	3768535	2.78E-06	1.08333YrC	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8400	ALL	UCART2	435342.5	3768535	3.02E-06	1.08333YrC	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8401	ALL	UCART2	435362.5	3768535	3.31E-06	1.08333YrC	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8402	ALL	UCART2	435382.5	3768535	3.64E-06	1.08333YrC	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8403	ALL	UCART2	435402.5	3768535	4.02E-06	1.08333YrC	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8404	ALL	UCART2	435422.5	3768535	4.47E-06	1.08333YrC	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8405	ALL	UCART2	435442.5	3768535	5.00E-06	1.08333YrC	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8406	ALL	UCART2	435462.5	3768535	5.64E-06	1.08333YrC	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8407	ALL	UCART2	435482.5	3768535	6.41E-06	1.08333YrC	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8408	ALL	UCART2	435502.5	3768535	7.32E-06	1.08333YrC	7.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8409	ALL	UCART2	435522.5	3768535	8.42E-06	1.08333YrC	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8410	ALL	UCART2	435542.5	3768535	9.74E-06	1.08333YrC	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8411	ALL	UCART2	435562.5	3768535	1.13E-05	1.08333YrC	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8412	ALL	UCART2	435582.5	3768535	1.32E-05	1.08333YrC	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8413	ALL	UCART2	435602.5	3768535	1.54E-05	1.08333YrC	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8414	ALL	UCART2	435622.5	3768535	1.79E-05	1.08333YrC	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



































































































































































































































































































































































































































































































































































































































REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN
1	ALL	UCART1	431735.2	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00
2	ALL	UCART1	432134.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00
3	ALL	UCART1	432533.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00
4	ALL	UCART1	432932.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00
5	ALL	UCART1	433331.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00
6	ALL	UCART1	433730	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00
7	ALL	UCART1	434129	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00
8	ALL	UCART1	434528	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00
9	ALL	UCART1	434926.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00
10	ALL	UCART1	435325.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00
11	ALL	UCART1	435724.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00
12	ALL	UCART1	436123.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00
13	ALL	UCART1	436522.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00
14	ALL	UCART1	436921.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00
15	ALL	UCART1	437320.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00
16	ALL	UCART1	437719.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00
17	ALL	UCART1	438118.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-05	0.00E+00
18	ALL	UCART1	438517.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00
19	ALL	UCART1	438916.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00
20	ALL	UCART1	439315.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00
21	ALL	UCART1	439714.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00
22	ALL	UCART1	431735.2	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00
23	ALL	UCART1	432134.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00
24	ALL	UCART1	432533.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00
25	ALL	UCART1	432932.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00
26	ALL	UCART1	433331.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00
27	ALL	UCART1	433730	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00
28	ALL	UCART1	434129	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00
29	ALL	UCART1	434528	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00
30	ALL	UCART1	434926.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00
31	ALL	UCART1	435325.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00
32	ALL	UCART1	435724.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00



33	ALL	UCART1	436123.8	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00
34	ALL	UCART1	436522.8	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00
35	ALL	UCART1	436921.8	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00
36	ALL	UCART1	437320.8	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00
37	ALL	UCART1	437719.7	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00
38	ALL	UCART1	438118.7	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00
39	ALL	UCART1	438517.7	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00
40	ALL	UCART1	438916.6	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00
41	ALL	UCART1	439315.6	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00
42	ALL	UCART1	439714.6	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00
43	ALL	UCART1	431735.2	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00
44	ALL	UCART1	432134.1	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00
45	ALL	UCART1	432533.1	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00
46	ALL	UCART1	432932.1	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00
47	ALL	UCART1	433331.1	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00
48	ALL	UCART1	433730	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00
49	ALL	UCART1	434129	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00
50	ALL	UCART1	434528	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00
51	ALL	UCART1	434926.9	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00
52	ALL	UCART1	435325.9	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05	0.00E+00
53	ALL	UCART1	435724.9	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00
54	ALL	UCART1	436123.8	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-05	0.00E+00
55	ALL	UCART1	436522.8	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00
56	ALL	UCART1	436921.8	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00
57	ALL	UCART1	437320.8	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00
58	ALL	UCART1	437719.7	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05	0.00E+00
59	ALL	UCART1	438118.7	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00
60	ALL	UCART1	438517.7	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00
61	ALL	UCART1	438916.6	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00
62	ALL	UCART1	439315.6	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00
63	ALL	UCART1	439714.6	3765469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00
64	ALL	UCART1	431735.2	3765868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00
65	ALL	UCART1	432134.1	3765868	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00





132	ALL	UCART1	433730	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00
133	ALL	UCART1	434129	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00
134	ALL	UCART1	434528	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00
135	ALL	UCART1	434926.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00
136	ALL	UCART1	435325.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00
137	ALL	UCART1	435724.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00
138	ALL	UCART1	436123.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00
139	ALL	UCART1	436522.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00
140	ALL	UCART1	436921.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00
141	ALL	UCART1	437320.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00
142	ALL	UCART1	437719.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00
143	ALL	UCART1	438118.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00
144	ALL	UCART1	438517.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00
145	ALL	UCART1	438916.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00
146	ALL	UCART1	439315.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00
147	ALL	UCART1	439714.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00
148	ALL	UCART1	431735.2	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00
149	ALL	UCART1	432134.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00
150	ALL	UCART1	432533.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00
151	ALL	UCART1	432932.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00
152	ALL	UCART1	433331.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00
153	ALL	UCART1	433730	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00
154	ALL	UCART1	434129	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00
155	ALL	UCART1	434528	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00
156	ALL	UCART1	434926.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00
157	ALL	UCART1	435325.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00
158	ALL	UCART1	435724.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00
159	ALL	UCART1	436123.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00
160	ALL	UCART1	436522.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00
161	ALL	UCART1	436921.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00
162	ALL	UCART1	437320.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00
163	ALL	UCART1	437719.7	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00
164	ALL	UCART1	438118.7	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00



198	ALL	UCART1	434926.9	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00
199	ALL	UCART1	435325.9	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00
200	ALL	UCART1	435724.9	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00
201	ALL	UCART1	436123.8	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00
202	ALL	UCART1	436522.8	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00
203	ALL	UCART1	436921.8	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00
204	ALL	UCART1	437320.8	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00
205	ALL	UCART1	437719.7	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00
206	ALL	UCART1	438118.7	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00
207	ALL	UCART1	438517.7	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00
208	ALL	UCART1	438916.6	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00
209	ALL	UCART1	439315.6	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00
210	ALL	UCART1	439714.6	3768262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00
211	ALL	UCART1	431735.2	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00
212	ALL	UCART1	432134.1	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00
213	ALL	UCART1	432533.1	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00
214	ALL	UCART1	432932.1	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00
215	ALL	UCART1	433331.1	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00
216	ALL	UCART1	433730	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00
217	ALL	UCART1	434129	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00
218	ALL	UCART1	434528	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00
219	ALL	UCART1	434926.9	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00
220	ALL	UCART1	435325.9	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00
221	ALL	UCART1	435724.9	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01	0.00E+00
222	ALL	UCART1	436123.8	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03	0.00E+00
223	ALL	UCART1	436522.8	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00
224	ALL	UCART1	436921.8	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00
225	ALL	UCART1	437320.8	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00
226	ALL	UCART1	437719.7	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00
227	ALL	UCART1	438118.7	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00
228	ALL	UCART1	438517.7	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00
229	ALL	UCART1	438916.6	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00
230	ALL	UCART1	439315.6	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00

231	ALL	UCART1	439714.6	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00
232	ALL	UCART1	431735.2	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00
233	ALL	UCART1	432134.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00
234	ALL	UCART1	432533.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05	0.00E+00
235	ALL	UCART1	432932.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00
236	ALL	UCART1	433331.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00
237	ALL	UCART1	433730	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00
238	ALL	UCART1	434129	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00
239	ALL	UCART1	434528	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00
240	ALL	UCART1	434926.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00
241	ALL	UCART1	435325.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00
242	ALL	UCART1	435724.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00
243	ALL	UCART1	436123.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00
244	ALL	UCART1	436522.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00
245	ALL	UCART1	436921.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00
246	ALL	UCART1	437320.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00
247	ALL	UCART1	437719.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00
248	ALL	UCART1	438118.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00
249	ALL	UCART1	438517.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00
250	ALL	UCART1	438916.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00
251	ALL	UCART1	439315.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00
252	ALL	UCART1	439714.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00
253	ALL	UCART1	431735.2	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00
254	ALL	UCART1	432134.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00
255	ALL	UCART1	432533.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00
256	ALL	UCART1	432932.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00
257	ALL	UCART1	433331.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00
258	ALL	UCART1	433730	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00
259	ALL	UCART1	434129	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00
260	ALL	UCART1	434528	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00
261	ALL	UCART1	434926.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00
262	ALL	UCART1	435325.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00
263	ALL	UCART1	435724.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00

264	ALL	UCART1	436123.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00
265	ALL	UCART1	436522.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00
266	ALL	UCART1	436921.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00
267	ALL	UCART1	437320.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-04	0.00E+00
268	ALL	UCART1	437719.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04	0.00E+00
269	ALL	UCART1	438118.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00
270	ALL	UCART1	438517.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00
271	ALL	UCART1	438916.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00
272	ALL	UCART1	439315.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00
273	ALL	UCART1	439714.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00
274	ALL	UCART1	431735.2	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00
275	ALL	UCART1	432134.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00
276	ALL	UCART1	432533.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00
277	ALL	UCART1	432932.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00
278	ALL	UCART1	433331.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00
279	ALL	UCART1	433730	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00
280	ALL	UCART1	434129	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00
281	ALL	UCART1	434528	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00
282	ALL	UCART1	434926.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00
283	ALL	UCART1	435325.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00
284	ALL	UCART1	435724.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00
285	ALL	UCART1	436123.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00
286	ALL	UCART1	436522.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00
287	ALL	UCART1	436921.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00
288	ALL	UCART1	437320.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00
289	ALL	UCART1	437719.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00
290	ALL	UCART1	438118.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00
291	ALL	UCART1	438517.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00
292	ALL	UCART1	438916.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00
293	ALL	UCART1	439315.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00
294	ALL	UCART1	439714.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00
295	ALL	UCART1	431735.2	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00
296	ALL	UCART1	432134.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00



297	ALL	UCART1	432533.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00
298	ALL	UCART1	432932.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-05	0.00E+00
299	ALL	UCART1	433331.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00
300	ALL	UCART1	433730	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05	0.00E+00
301	ALL	UCART1	434129	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00
302	ALL	UCART1	434528	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00
303	ALL	UCART1	434926.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00
304	ALL	UCART1	435325.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00
305	ALL	UCART1	435724.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00
306	ALL	UCART1	436123.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00
307	ALL	UCART1	436522.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00
308	ALL	UCART1	436921.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00
309	ALL	UCART1	437320.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00
310	ALL	UCART1	437719.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00
311	ALL	UCART1	438118.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00
312	ALL	UCART1	438517.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00
313	ALL	UCART1	438916.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00
314	ALL	UCART1	439315.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00
315	ALL	UCART1	439714.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00
316	ALL	UCART1	431735.2	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00
317	ALL	UCART1	432134.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00
318	ALL	UCART1	432533.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00
319	ALL	UCART1	432932.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00
320	ALL	UCART1	433331.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00
321	ALL	UCART1	433730	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-05	0.00E+00
322	ALL	UCART1	434129	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00
323	ALL	UCART1	434528	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00
324	ALL	UCART1	434926.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05	0.00E+00
325	ALL	UCART1	435325.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05	0.00E+00
326	ALL	UCART1	435724.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00
327	ALL	UCART1	436123.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00
328	ALL	UCART1	436522.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00
329	ALL	UCART1	436921.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00

























































































































































































































































































































































































































































































































































































EYE	BONE/TEETENDO	BLOOD	ODOR	GENERAL	MAXHI
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05















































































































































































































































































































































































































































































































































































































HARP2 - HRACalc (dated 21081) 1/18/2022 10:57:30 AM - Output Log

GLCs loaded successfully  
Pollutants loaded successfully  
Pathway receptors loaded successfully

\*\*\*\*\*

RISK SCENARIO SETTINGS

Receptor Type: Resident  
Scenario: All  
Calculation Method: Derived

\*\*\*\*\*

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25  
Total Exposure Duration: 1.08333

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25  
0<2 Years Bin: 1.08333  
2<9 Years Bin: 0  
2<16 Years Bin: 0  
16<30 Years Bin: 0  
16 to 70 Years Bin: 0

\*\*\*\*\*

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True  
Soil: True  
Dermal: True  
Mother's milk: True  
Water: False  
Fish: False  
Homegrown crops: True  
Beef: False  
Dairy: False  
Pig: False  
Chicken: False  
Egg: False

\*\*\*\*\*

INHALATION

Daily breathing rate: RMP

**\*\*Worker Adjustment Factors\*\***  
Worker adjustment factors enabled: NO

**\*\*Fraction at time at home\*\***  
3rd Trimester to 16 years: OFF  
16 years to 70 years: ON

\*\*\*\*\*  
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02  
Soil mixing depth (m): 0.01  
Dermal climate: Warm

\*\*\*\*\*  
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden  
Fraction leafy: 0.137  
Fraction exposed: 0.137  
Fraction protected: 0.137  
Fraction root: 0.137

\*\*\*\*\*  
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\Res-MitCancerRisk.csv

Cancer risk total by receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\Res-MitCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\Res-MitNCChronicRisk.csv

Chronic risk total by receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\Res-MitNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to:

\\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD HARP\hra\Res-MitNCAcuteRisk.csv

Acute risk total by receptor saved to: \\dudek\data\Projects\300.Environmental\13716 Mission Blvd Warehouse\Dudek Work Products\Documents\AQ\HRA\HARP\MISSION BLVD

HARP\hra\Res-MitNCAcuteRiskSumByRec.csv  
HRA ran successfully





33 ALL	UCART1	436123.8	3765070	2.84E-08	1.08333YrC	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34 ALL	UCART1	436522.8	3765070	2.74E-08	1.08333YrC	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35 ALL	UCART1	436921.8	3765070	2.62E-08	1.08333YrC	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36 ALL	UCART1	437320.8	3765070	2.47E-08	1.08333YrC	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37 ALL	UCART1	437719.7	3765070	2.30E-08	1.08333YrC	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38 ALL	UCART1	438118.7	3765070	2.12E-08	1.08333YrC	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39 ALL	UCART1	438517.7	3765070	1.95E-08	1.08333YrC	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40 ALL	UCART1	438916.6	3765070	1.78E-08	1.08333YrC	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41 ALL	UCART1	439315.6	3765070	1.63E-08	1.08333YrC	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42 ALL	UCART1	439714.6	3765070	1.50E-08	1.08333YrC	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43 ALL	UCART1	431735.2	3765469	1.97E-08	1.08333YrC	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44 ALL	UCART1	432134.1	3765469	2.22E-08	1.08333YrC	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45 ALL	UCART1	432533.1	3765469	2.52E-08	1.08333YrC	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46 ALL	UCART1	432932.1	3765469	2.82E-08	1.08333YrC	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47 ALL	UCART1	433331.1	3765469	3.12E-08	1.08333YrC	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48 ALL	UCART1	433730	3765469	3.39E-08	1.08333YrC	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49 ALL	UCART1	434129	3765469	3.59E-08	1.08333YrC	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50 ALL	UCART1	434528	3765469	3.65E-08	1.08333YrC	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51 ALL	UCART1	434926.9	3765469	3.63E-08	1.08333YrC	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52 ALL	UCART1	435325.9	3765469	3.60E-08	1.08333YrC	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53 ALL	UCART1	435724.9	3765469	3.56E-08	1.08333YrC	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54 ALL	UCART1	436123.8	3765469	3.45E-08	1.08333YrC	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55 ALL	UCART1	436522.8	3765469	3.29E-08	1.08333YrC	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56 ALL	UCART1	436921.8	3765469	3.12E-08	1.08333YrC	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57 ALL	UCART1	437320.8	3765469	2.91E-08	1.08333YrC	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58 ALL	UCART1	437719.7	3765469	2.66E-08	1.08333YrC	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59 ALL	UCART1	438118.7	3765469	2.41E-08	1.08333YrC	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60 ALL	UCART1	438517.7	3765469	2.19E-08	1.08333YrC	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61 ALL	UCART1	438916.6	3765469	1.98E-08	1.08333YrC	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62 ALL	UCART1	439315.6	3765469	1.80E-08	1.08333YrC	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63 ALL	UCART1	439714.6	3765469	1.65E-08	1.08333YrC	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64 ALL	UCART1	431735.2	3765868	2.06E-08	1.08333YrC	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65 ALL	UCART1	432134.1	3765868	2.37E-08	1.08333YrC	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

66 ALL	UCART1	432533.1	3765868	2.74E-08	1.08333YrC	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67 ALL	UCART1	432932.1	3765868	3.12E-08	1.08333YrC	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68 ALL	UCART1	433331.1	3765868	3.56E-08	1.08333YrC	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69 ALL	UCART1	433730	3765868	4.00E-08	1.08333YrC	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70 ALL	UCART1	434129	3765868	4.35E-08	1.08333YrC	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71 ALL	UCART1	434528	3765868	4.54E-08	1.08333YrC	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72 ALL	UCART1	434926.9	3765868	4.55E-08	1.08333YrC	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73 ALL	UCART1	435325.9	3765868	4.51E-08	1.08333YrC	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74 ALL	UCART1	435724.9	3765868	4.45E-08	1.08333YrC	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75 ALL	UCART1	436123.8	3765868	4.29E-08	1.08333YrC	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76 ALL	UCART1	436522.8	3765868	4.07E-08	1.08333YrC	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77 ALL	UCART1	436921.8	3765868	3.79E-08	1.08333YrC	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78 ALL	UCART1	437320.8	3765868	3.46E-08	1.08333YrC	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79 ALL	UCART1	437719.7	3765868	3.11E-08	1.08333YrC	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80 ALL	UCART1	438118.7	3765868	2.77E-08	1.08333YrC	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81 ALL	UCART1	438517.7	3765868	2.47E-08	1.08333YrC	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82 ALL	UCART1	438916.6	3765868	2.22E-08	1.08333YrC	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83 ALL	UCART1	439315.6	3765868	2.00E-08	1.08333YrC	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84 ALL	UCART1	439714.6	3765868	1.81E-08	1.08333YrC	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85 ALL	UCART1	431735.2	3766267	2.14E-08	1.08333YrC	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86 ALL	UCART1	432134.1	3766267	2.48E-08	1.08333YrC	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87 ALL	UCART1	432533.1	3766267	2.92E-08	1.08333YrC	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88 ALL	UCART1	432932.1	3766267	3.41E-08	1.08333YrC	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89 ALL	UCART1	433331.1	3766267	4.03E-08	1.08333YrC	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90 ALL	UCART1	433730	3766267	4.70E-08	1.08333YrC	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91 ALL	UCART1	434129	3766267	5.32E-08	1.08333YrC	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92 ALL	UCART1	434528	3766267	5.79E-08	1.08333YrC	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93 ALL	UCART1	434926.9	3766267	5.90E-08	1.08333YrC	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94 ALL	UCART1	435325.9	3766267	5.84E-08	1.08333YrC	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95 ALL	UCART1	435724.9	3766267	5.76E-08	1.08333YrC	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96 ALL	UCART1	436123.8	3766267	5.50E-08	1.08333YrC	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97 ALL	UCART1	436522.8	3766267	5.15E-08	1.08333YrC	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98 ALL	UCART1	436921.8	3766267	4.68E-08	1.08333YrC	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

99 ALL	UCART1	437320.8	3766267	4.16E-08	1.08333YrC	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100 ALL	UCART1	437719.7	3766267	3.66E-08	1.08333YrC	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101 ALL	UCART1	438118.7	3766267	3.20E-08	1.08333YrC	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102 ALL	UCART1	438517.7	3766267	2.81E-08	1.08333YrC	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103 ALL	UCART1	438916.6	3766267	2.50E-08	1.08333YrC	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104 ALL	UCART1	439315.6	3766267	2.24E-08	1.08333YrC	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105 ALL	UCART1	439714.6	3766267	2.01E-08	1.08333YrC	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106 ALL	UCART1	431735.2	3766666	2.21E-08	1.08333YrC	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107 ALL	UCART1	432134.1	3766666	2.58E-08	1.08333YrC	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108 ALL	UCART1	432533.1	3766666	3.07E-08	1.08333YrC	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109 ALL	UCART1	432932.1	3766666	3.67E-08	1.08333YrC	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110 ALL	UCART1	433331.1	3766666	4.48E-08	1.08333YrC	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111 ALL	UCART1	433730	3766666	5.44E-08	1.08333YrC	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112 ALL	UCART1	434129	3766666	6.51E-08	1.08333YrC	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113 ALL	UCART1	434528	3766666	7.51E-08	1.08333YrC	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114 ALL	UCART1	434926.9	3766666	8.01E-08	1.08333YrC	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115 ALL	UCART1	435325.9	3766666	8.00E-08	1.08333YrC	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116 ALL	UCART1	435724.9	3766666	7.90E-08	1.08333YrC	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117 ALL	UCART1	436123.8	3766666	7.38E-08	1.08333YrC	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118 ALL	UCART1	436522.8	3766666	6.77E-08	1.08333YrC	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119 ALL	UCART1	436921.8	3766666	5.94E-08	1.08333YrC	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120 ALL	UCART1	437320.8	3766666	5.07E-08	1.08333YrC	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121 ALL	UCART1	437719.7	3766666	4.33E-08	1.08333YrC	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122 ALL	UCART1	438118.7	3766666	3.73E-08	1.08333YrC	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123 ALL	UCART1	438517.7	3766666	3.24E-08	1.08333YrC	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124 ALL	UCART1	438916.6	3766666	2.83E-08	1.08333YrC	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125 ALL	UCART1	439315.6	3766666	2.51E-08	1.08333YrC	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126 ALL	UCART1	439714.6	3766666	2.25E-08	1.08333YrC	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127 ALL	UCART1	431735.2	3767065	2.27E-08	1.08333YrC	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128 ALL	UCART1	432134.1	3767065	2.66E-08	1.08333YrC	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129 ALL	UCART1	432533.1	3767065	3.19E-08	1.08333YrC	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130 ALL	UCART1	432932.1	3767065	3.88E-08	1.08333YrC	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131 ALL	UCART1	433331.1	3767065	4.84E-08	1.08333YrC	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

132 ALL	UCART1	433730	3767065	6.14E-08	1.08333YrC	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133 ALL	UCART1	434129	3767065	7.86E-08	1.08333YrC	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134 ALL	UCART1	434528	3767065	9.83E-08	1.08333YrC	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135 ALL	UCART1	434926.9	3767065	1.14E-07	1.08333YrC	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136 ALL	UCART1	435325.9	3767065	1.17E-07	1.08333YrC	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137 ALL	UCART1	435724.9	3767065	1.15E-07	1.08333YrC	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138 ALL	UCART1	436123.8	3767065	1.06E-07	1.08333YrC	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139 ALL	UCART1	436522.8	3767065	9.25E-08	1.08333YrC	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140 ALL	UCART1	436921.8	3767065	7.68E-08	1.08333YrC	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141 ALL	UCART1	437320.8	3767065	6.28E-08	1.08333YrC	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142 ALL	UCART1	437719.7	3767065	5.21E-08	1.08333YrC	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143 ALL	UCART1	438118.7	3767065	4.37E-08	1.08333YrC	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144 ALL	UCART1	438517.7	3767065	3.73E-08	1.08333YrC	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145 ALL	UCART1	438916.6	3767065	3.25E-08	1.08333YrC	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146 ALL	UCART1	439315.6	3767065	2.86E-08	1.08333YrC	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147 ALL	UCART1	439714.6	3767065	2.54E-08	1.08333YrC	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148 ALL	UCART1	431735.2	3767464	2.30E-08	1.08333YrC	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149 ALL	UCART1	432134.1	3767464	2.72E-08	1.08333YrC	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150 ALL	UCART1	432533.1	3767464	3.27E-08	1.08333YrC	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151 ALL	UCART1	432932.1	3767464	4.04E-08	1.08333YrC	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152 ALL	UCART1	433331.1	3767464	5.12E-08	1.08333YrC	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153 ALL	UCART1	433730	3767464	6.70E-08	1.08333YrC	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154 ALL	UCART1	434129	3767464	9.10E-08	1.08333YrC	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155 ALL	UCART1	434528	3767464	1.27E-07	1.08333YrC	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156 ALL	UCART1	434926.9	3767464	1.69E-07	1.08333YrC	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157 ALL	UCART1	435325.9	3767464	1.91E-07	1.08333YrC	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158 ALL	UCART1	435724.9	3767464	1.88E-07	1.08333YrC	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159 ALL	UCART1	436123.8	3767464	1.66E-07	1.08333YrC	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160 ALL	UCART1	436522.8	3767464	1.33E-07	1.08333YrC	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161 ALL	UCART1	436921.8	3767464	1.02E-07	1.08333YrC	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162 ALL	UCART1	437320.8	3767464	7.93E-08	1.08333YrC	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163 ALL	UCART1	437719.7	3767464	6.38E-08	1.08333YrC	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164 ALL	UCART1	438118.7	3767464	5.25E-08	1.08333YrC	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

165 ALL	UCART1	438517.7	3767464	4.42E-08	1.08333YrC	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166 ALL	UCART1	438916.6	3767464	3.79E-08	1.08333YrC	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167 ALL	UCART1	439315.6	3767464	3.29E-08	1.08333YrC	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168 ALL	UCART1	439714.6	3767464	2.89E-08	1.08333YrC	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169 ALL	UCART1	431735.2	3767863	2.32E-08	1.08333YrC	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170 ALL	UCART1	432134.1	3767863	2.75E-08	1.08333YrC	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171 ALL	UCART1	432533.1	3767863	3.34E-08	1.08333YrC	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172 ALL	UCART1	432932.1	3767863	4.14E-08	1.08333YrC	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173 ALL	UCART1	433331.1	3767863	5.29E-08	1.08333YrC	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174 ALL	UCART1	433730	3767863	7.06E-08	1.08333YrC	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175 ALL	UCART1	434129	3767863	9.98E-08	1.08333YrC	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176 ALL	UCART1	434528	3767863	1.53E-07	1.08333YrC	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177 ALL	UCART1	434926.9	3767863	2.50E-07	1.08333YrC	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178 ALL	UCART1	435325.9	3767863	3.64E-07	1.08333YrC	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179 ALL	UCART1	435724.9	3767863	3.75E-07	1.08333YrC	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180 ALL	UCART1	436123.8	3767863	3.01E-07	1.08333YrC	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181 ALL	UCART1	436522.8	3767863	2.03E-07	1.08333YrC	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182 ALL	UCART1	436921.8	3767863	1.40E-07	1.08333YrC	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183 ALL	UCART1	437320.8	3767863	1.04E-07	1.08333YrC	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184 ALL	UCART1	437719.7	3767863	8.07E-08	1.08333YrC	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185 ALL	UCART1	438118.7	3767863	6.48E-08	1.08333YrC	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186 ALL	UCART1	438517.7	3767863	5.35E-08	1.08333YrC	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187 ALL	UCART1	438916.6	3767863	4.51E-08	1.08333YrC	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188 ALL	UCART1	439315.6	3767863	3.87E-08	1.08333YrC	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189 ALL	UCART1	439714.6	3767863	3.36E-08	1.08333YrC	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190 ALL	UCART1	431735.2	3768262	2.33E-08	1.08333YrC	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191 ALL	UCART1	432134.1	3768262	2.76E-08	1.08333YrC	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192 ALL	UCART1	432533.1	3768262	3.35E-08	1.08333YrC	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193 ALL	UCART1	432932.1	3768262	4.17E-08	1.08333YrC	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194 ALL	UCART1	433331.1	3768262	5.37E-08	1.08333YrC	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195 ALL	UCART1	433730	3768262	7.24E-08	1.08333YrC	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196 ALL	UCART1	434129	3768262	1.04E-07	1.08333YrC	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197 ALL	UCART1	434528	3768262	1.67E-07	1.08333YrC	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



231 ALL	UCART1	439714.6	3768661	5.55E-08	1.08333YrC	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232 ALL	UCART1	431735.2	3769060	2.24E-08	1.08333YrC	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233 ALL	UCART1	432134.1	3769060	2.65E-08	1.08333YrC	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234 ALL	UCART1	432533.1	3769060	3.19E-08	1.08333YrC	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235 ALL	UCART1	432932.1	3769060	3.94E-08	1.08333YrC	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236 ALL	UCART1	433331.1	3769060	5.01E-08	1.08333YrC	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237 ALL	UCART1	433730	3769060	6.65E-08	1.08333YrC	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238 ALL	UCART1	434129	3769060	9.36E-08	1.08333YrC	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239 ALL	UCART1	434528	3769060	1.43E-07	1.08333YrC	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240 ALL	UCART1	434926.9	3769060	2.53E-07	1.08333YrC	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241 ALL	UCART1	435325.9	3769060	5.37E-07	1.08333YrC	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242 ALL	UCART1	435724.9	3769060	8.87E-07	1.08333YrC	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243 ALL	UCART1	436123.8	3769060	9.84E-07	1.08333YrC	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244 ALL	UCART1	436522.8	3769060	1.01E-06	1.08333YrC	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245 ALL	UCART1	436921.8	3769060	6.98E-07	1.08333YrC	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246 ALL	UCART1	437320.8	3769060	4.50E-07	1.08333YrC	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247 ALL	UCART1	437719.7	3769060	3.01E-07	1.08333YrC	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248 ALL	UCART1	438118.7	3769060	2.13E-07	1.08333YrC	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249 ALL	UCART1	438517.7	3769060	1.57E-07	1.08333YrC	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250 ALL	UCART1	438916.6	3769060	1.21E-07	1.08333YrC	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251 ALL	UCART1	439315.6	3769060	9.61E-08	1.08333YrC	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252 ALL	UCART1	439714.6	3769060	7.82E-08	1.08333YrC	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253 ALL	UCART1	431735.2	3769459	2.16E-08	1.08333YrC	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254 ALL	UCART1	432134.1	3769459	2.53E-08	1.08333YrC	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255 ALL	UCART1	432533.1	3769459	3.02E-08	1.08333YrC	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256 ALL	UCART1	432932.1	3769459	3.68E-08	1.08333YrC	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257 ALL	UCART1	433331.1	3769459	4.61E-08	1.08333YrC	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258 ALL	UCART1	433730	3769459	5.97E-08	1.08333YrC	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259 ALL	UCART1	434129	3769459	8.05E-08	1.08333YrC	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260 ALL	UCART1	434528	3769459	1.09E-07	1.08333YrC	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261 ALL	UCART1	434926.9	3769459	1.35E-07	1.08333YrC	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262 ALL	UCART1	435325.9	3769459	1.87E-07	1.08333YrC	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263 ALL	UCART1	435724.9	3769459	2.26E-07	1.08333YrC	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



264 ALL	UCART1	436123.8	3769459	2.49E-07	1.08333YrC	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265 ALL	UCART1	436522.8	3769459	2.56E-07	1.08333YrC	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266 ALL	UCART1	436921.8	3769459	3.09E-07	1.08333YrC	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267 ALL	UCART1	437320.8	3769459	3.19E-07	1.08333YrC	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268 ALL	UCART1	437719.7	3769459	2.82E-07	1.08333YrC	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269 ALL	UCART1	438118.7	3769459	2.30E-07	1.08333YrC	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270 ALL	UCART1	438517.7	3769459	1.84E-07	1.08333YrC	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271 ALL	UCART1	438916.6	3769459	1.47E-07	1.08333YrC	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272 ALL	UCART1	439315.6	3769459	1.19E-07	1.08333YrC	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273 ALL	UCART1	439714.6	3769459	9.79E-08	1.08333YrC	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274 ALL	UCART1	431735.2	3769858	2.05E-08	1.08333YrC	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275 ALL	UCART1	432134.1	3769858	2.39E-08	1.08333YrC	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276 ALL	UCART1	432533.1	3769858	2.82E-08	1.08333YrC	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277 ALL	UCART1	432932.1	3769858	3.39E-08	1.08333YrC	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278 ALL	UCART1	433331.1	3769858	4.13E-08	1.08333YrC	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279 ALL	UCART1	433730	3769858	4.47E-08	1.08333YrC	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280 ALL	UCART1	434129	3769858	5.41E-08	1.08333YrC	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281 ALL	UCART1	434528	3769858	6.40E-08	1.08333YrC	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282 ALL	UCART1	434926.9	3769858	8.03E-08	1.08333YrC	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283 ALL	UCART1	435325.9	3769858	9.44E-08	1.08333YrC	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284 ALL	UCART1	435724.9	3769858	1.02E-07	1.08333YrC	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285 ALL	UCART1	436123.8	3769858	1.11E-07	1.08333YrC	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286 ALL	UCART1	436522.8	3769858	1.14E-07	1.08333YrC	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287 ALL	UCART1	436921.8	3769858	1.18E-07	1.08333YrC	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288 ALL	UCART1	437320.8	3769858	1.36E-07	1.08333YrC	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289 ALL	UCART1	437719.7	3769858	1.54E-07	1.08333YrC	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290 ALL	UCART1	438118.7	3769858	1.59E-07	1.08333YrC	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291 ALL	UCART1	438517.7	3769858	1.51E-07	1.08333YrC	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292 ALL	UCART1	438916.6	3769858	1.36E-07	1.08333YrC	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293 ALL	UCART1	439315.6	3769858	1.19E-07	1.08333YrC	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294 ALL	UCART1	439714.6	3769858	1.03E-07	1.08333YrC	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295 ALL	UCART1	431735.2	3770257	1.94E-08	1.08333YrC	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296 ALL	UCART1	432134.1	3770257	2.24E-08	1.08333YrC	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297 ALL	UCART1	432533.1	3770257	2.51E-08	1.08333YrC	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298 ALL	UCART1	432932.1	3770257	2.58E-08	1.08333YrC	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299 ALL	UCART1	433331.1	3770257	2.95E-08	1.08333YrC	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300 ALL	UCART1	433730	3770257	3.38E-08	1.08333YrC	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301 ALL	UCART1	434129	3770257	3.90E-08	1.08333YrC	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302 ALL	UCART1	434528	3770257	4.52E-08	1.08333YrC	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303 ALL	UCART1	434926.9	3770257	5.16E-08	1.08333YrC	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304 ALL	UCART1	435325.9	3770257	5.50E-08	1.08333YrC	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305 ALL	UCART1	435724.9	3770257	5.87E-08	1.08333YrC	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306 ALL	UCART1	436123.8	3770257	6.16E-08	1.08333YrC	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307 ALL	UCART1	436522.8	3770257	6.55E-08	1.08333YrC	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308 ALL	UCART1	436921.8	3770257	6.67E-08	1.08333YrC	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309 ALL	UCART1	437320.8	3770257	6.68E-08	1.08333YrC	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310 ALL	UCART1	437719.7	3770257	7.54E-08	1.08333YrC	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311 ALL	UCART1	438118.7	3770257	8.49E-08	1.08333YrC	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312 ALL	UCART1	438517.7	3770257	9.32E-08	1.08333YrC	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313 ALL	UCART1	438916.6	3770257	9.59E-08	1.08333YrC	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314 ALL	UCART1	439315.6	3770257	9.46E-08	1.08333YrC	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315 ALL	UCART1	439714.6	3770257	8.94E-08	1.08333YrC	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316 ALL	UCART1	431735.2	3770656	1.55E-08	1.08333YrC	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317 ALL	UCART1	432134.1	3770656	1.70E-08	1.08333YrC	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318 ALL	UCART1	432533.1	3770656	1.89E-08	1.08333YrC	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319 ALL	UCART1	432932.1	3770656	2.11E-08	1.08333YrC	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320 ALL	UCART1	433331.1	3770656	2.36E-08	1.08333YrC	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321 ALL	UCART1	433730	3770656	2.62E-08	1.08333YrC	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322 ALL	UCART1	434129	3770656	2.91E-08	1.08333YrC	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323 ALL	UCART1	434528	3770656	3.26E-08	1.08333YrC	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324 ALL	UCART1	434926.9	3770656	3.48E-08	1.08333YrC	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325 ALL	UCART1	435325.9	3770656	3.60E-08	1.08333YrC	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326 ALL	UCART1	435724.9	3770656	3.73E-08	1.08333YrC	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327 ALL	UCART1	436123.8	3770656	3.82E-08	1.08333YrC	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328 ALL	UCART1	436522.8	3770656	4.20E-08	1.08333YrC	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329 ALL	UCART1	436921.8	3770656	4.30E-08	1.08333YrC	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

330 ALL	UCART1	437320.8	3770656	4.30E-08	1.08333YrC	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331 ALL	UCART1	437719.7	3770656	4.36E-08	1.08333YrC	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332 ALL	UCART1	438118.7	3770656	4.80E-08	1.08333YrC	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333 ALL	UCART1	438517.7	3770656	5.31E-08	1.08333YrC	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334 ALL	UCART1	438916.6	3770656	5.86E-08	1.08333YrC	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335 ALL	UCART1	439315.6	3770656	6.31E-08	1.08333YrC	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336 ALL	UCART1	439714.6	3770656	6.51E-08	1.08333YrC	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337 ALL	UCART1	431735.2	3771055	1.34E-08	1.08333YrC	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338 ALL	UCART1	432134.1	3771055	1.45E-08	1.08333YrC	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339 ALL	UCART1	432533.1	3771055	1.57E-08	1.08333YrC	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340 ALL	UCART1	432932.1	3771055	1.73E-08	1.08333YrC	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341 ALL	UCART1	433331.1	3771055	1.89E-08	1.08333YrC	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342 ALL	UCART1	433730	3771055	2.05E-08	1.08333YrC	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343 ALL	UCART1	434129	3771055	2.25E-08	1.08333YrC	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344 ALL	UCART1	434528	3771055	2.40E-08	1.08333YrC	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345 ALL	UCART1	434926.9	3771055	2.46E-08	1.08333YrC	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346 ALL	UCART1	435325.9	3771055	2.50E-08	1.08333YrC	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347 ALL	UCART1	435724.9	3771055	2.56E-08	1.08333YrC	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348 ALL	UCART1	436123.8	3771055	2.56E-08	1.08333YrC	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349 ALL	UCART1	436522.8	3771055	2.87E-08	1.08333YrC	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350 ALL	UCART1	436921.8	3771055	2.93E-08	1.08333YrC	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351 ALL	UCART1	437320.8	3771055	3.05E-08	1.08333YrC	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352 ALL	UCART1	437719.7	3771055	3.01E-08	1.08333YrC	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353 ALL	UCART1	438118.7	3771055	3.04E-08	1.08333YrC	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354 ALL	UCART1	438517.7	3771055	3.33E-08	1.08333YrC	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355 ALL	UCART1	438916.6	3771055	3.62E-08	1.08333YrC	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356 ALL	UCART1	439315.6	3771055	3.98E-08	1.08333YrC	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357 ALL	UCART1	439714.6	3771055	4.34E-08	1.08333YrC	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358 ALL	UCART1	431735.2	3771454	1.15E-08	1.08333YrC	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359 ALL	UCART1	432134.1	3771454	1.23E-08	1.08333YrC	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360 ALL	UCART1	432533.1	3771454	1.31E-08	1.08333YrC	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361 ALL	UCART1	432932.1	3771454	1.41E-08	1.08333YrC	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362 ALL	UCART1	433331.1	3771454	1.50E-08	1.08333YrC	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

363 ALL	UCART1	433730	3771454	1.58E-08	1.08333YrC	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364 ALL	UCART1	434129	3771454	1.73E-08	1.08333YrC	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365 ALL	UCART1	434528	3771454	1.73E-08	1.08333YrC	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366 ALL	UCART1	434926.9	3771454	1.79E-08	1.08333YrC	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367 ALL	UCART1	435325.9	3771454	1.82E-08	1.08333YrC	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368 ALL	UCART1	435724.9	3771454	1.83E-08	1.08333YrC	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369 ALL	UCART1	436123.8	3771454	1.85E-08	1.08333YrC	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370 ALL	UCART1	436522.8	3771454	2.07E-08	1.08333YrC	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371 ALL	UCART1	436921.8	3771454	2.15E-08	1.08333YrC	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372 ALL	UCART1	437320.8	3771454	2.19E-08	1.08333YrC	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373 ALL	UCART1	437719.7	3771454	2.28E-08	1.08333YrC	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374 ALL	UCART1	438118.7	3771454	2.23E-08	1.08333YrC	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375 ALL	UCART1	438517.7	3771454	2.27E-08	1.08333YrC	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376 ALL	UCART1	438916.6	3771454	2.45E-08	1.08333YrC	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377 ALL	UCART1	439315.6	3771454	2.64E-08	1.08333YrC	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378 ALL	UCART1	439714.6	3771454	2.88E-08	1.08333YrC	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379 ALL	UCART1	431735.2	3771853	9.76E-09	1.08333YrC	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380 ALL	UCART1	432134.1	3771853	1.06E-08	1.08333YrC	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381 ALL	UCART1	432533.1	3771853	1.11E-08	1.08333YrC	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382 ALL	UCART1	432932.1	3771853	1.15E-08	1.08333YrC	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383 ALL	UCART1	433331.1	3771853	1.24E-08	1.08333YrC	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384 ALL	UCART1	433730	3771853	1.33E-08	1.08333YrC	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385 ALL	UCART1	434129	3771853	1.38E-08	1.08333YrC	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386 ALL	UCART1	434528	3771853	1.38E-08	1.08333YrC	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387 ALL	UCART1	434926.9	3771853	1.37E-08	1.08333YrC	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388 ALL	UCART1	435325.9	3771853	1.58E-08	1.08333YrC	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389 ALL	UCART1	435724.9	3771853	1.41E-08	1.08333YrC	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390 ALL	UCART1	436123.8	3771853	1.37E-08	1.08333YrC	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391 ALL	UCART1	436522.8	3771853	1.51E-08	1.08333YrC	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392 ALL	UCART1	436921.8	3771853	1.65E-08	1.08333YrC	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393 ALL	UCART1	437320.8	3771853	1.67E-08	1.08333YrC	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394 ALL	UCART1	437719.7	3771853	1.75E-08	1.08333YrC	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395 ALL	UCART1	438118.7	3771853	1.77E-08	1.08333YrC	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

396 ALL	UCART1	438517.7	3771853	1.73E-08	1.08333YrC	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397 ALL	UCART1	438916.6	3771853	1.76E-08	1.08333YrC	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398 ALL	UCART1	439315.6	3771853	1.89E-08	1.08333YrC	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399 ALL	UCART1	439714.6	3771853	2.02E-08	1.08333YrC	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400 ALL	UCART1	431735.2	3772252	8.59E-09	1.08333YrC	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401 ALL	UCART1	432134.1	3772252	9.00E-09	1.08333YrC	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402 ALL	UCART1	432533.1	3772252	9.11E-09	1.08333YrC	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403 ALL	UCART1	432932.1	3772252	9.61E-09	1.08333YrC	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404 ALL	UCART1	433331.1	3772252	1.01E-08	1.08333YrC	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405 ALL	UCART1	433730	3772252	1.06E-08	1.08333YrC	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406 ALL	UCART1	434129	3772252	1.08E-08	1.08333YrC	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407 ALL	UCART1	434528	3772252	1.09E-08	1.08333YrC	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408 ALL	UCART1	434926.9	3772252	1.05E-08	1.08333YrC	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409 ALL	UCART1	435325.9	3772252	1.19E-08	1.08333YrC	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410 ALL	UCART1	435724.9	3772252	1.09E-08	1.08333YrC	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411 ALL	UCART1	436123.8	3772252	1.07E-08	1.08333YrC	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412 ALL	UCART1	436522.8	3772252	1.15E-08	1.08333YrC	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413 ALL	UCART1	436921.8	3772252	1.30E-08	1.08333YrC	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414 ALL	UCART1	437320.8	3772252	1.31E-08	1.08333YrC	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415 ALL	UCART1	437719.7	3772252	1.36E-08	1.08333YrC	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416 ALL	UCART1	438118.7	3772252	1.42E-08	1.08333YrC	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417 ALL	UCART1	438517.7	3772252	1.43E-08	1.08333YrC	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418 ALL	UCART1	438916.6	3772252	1.38E-08	1.08333YrC	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419 ALL	UCART1	439315.6	3772252	1.41E-08	1.08333YrC	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420 ALL	UCART1	439714.6	3772252	1.51E-08	1.08333YrC	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421 ALL	UCART1	431735.2	3772651	7.49E-09	1.08333YrC	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422 ALL	UCART1	432134.1	3772651	7.46E-09	1.08333YrC	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423 ALL	UCART1	432533.1	3772651	7.70E-09	1.08333YrC	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424 ALL	UCART1	432932.1	3772651	8.05E-09	1.08333YrC	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425 ALL	UCART1	433331.1	3772651	8.52E-09	1.08333YrC	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426 ALL	UCART1	433730	3772651	8.51E-09	1.08333YrC	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427 ALL	UCART1	434129	3772651	8.64E-09	1.08333YrC	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428 ALL	UCART1	434528	3772651	8.69E-09	1.08333YrC	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

429 ALL	UCART1	434926.9	3772651	8.39E-09	1.08333YrC	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430 ALL	UCART1	435325.9	3772651	8.98E-09	1.08333YrC	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431 ALL	UCART1	435724.9	3772651	8.80E-09	1.08333YrC	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432 ALL	UCART1	436123.8	3772651	8.58E-09	1.08333YrC	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433 ALL	UCART1	436522.8	3772651	9.11E-09	1.08333YrC	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434 ALL	UCART1	436921.8	3772651	1.04E-08	1.08333YrC	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435 ALL	UCART1	437320.8	3772651	1.07E-08	1.08333YrC	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436 ALL	UCART1	437719.7	3772651	1.09E-08	1.08333YrC	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437 ALL	UCART1	438118.7	3772651	1.14E-08	1.08333YrC	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438 ALL	UCART1	438517.7	3772651	1.18E-08	1.08333YrC	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439 ALL	UCART1	438916.6	3772651	1.18E-08	1.08333YrC	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440 ALL	UCART1	439315.6	3772651	1.14E-08	1.08333YrC	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441 ALL	UCART1	439714.6	3772651	1.17E-08	1.08333YrC	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442 ALL	UCART2	433962.5	3767555	8.12E-08	1.08333YrC	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443 ALL	UCART2	433982.5	3767555	8.25E-08	1.08333YrC	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444 ALL	UCART2	434002.5	3767555	8.39E-08	1.08333YrC	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445 ALL	UCART2	434022.5	3767555	8.53E-08	1.08333YrC	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446 ALL	UCART2	434042.5	3767555	8.68E-08	1.08333YrC	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447 ALL	UCART2	434062.5	3767555	8.82E-08	1.08333YrC	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448 ALL	UCART2	434082.5	3767555	8.97E-08	1.08333YrC	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449 ALL	UCART2	434102.5	3767555	9.13E-08	1.08333YrC	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450 ALL	UCART2	434122.5	3767555	9.29E-08	1.08333YrC	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451 ALL	UCART2	434142.5	3767555	9.45E-08	1.08333YrC	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452 ALL	UCART2	434162.5	3767555	9.61E-08	1.08333YrC	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453 ALL	UCART2	434182.5	3767555	9.78E-08	1.08333YrC	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454 ALL	UCART2	434202.5	3767555	9.95E-08	1.08333YrC	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455 ALL	UCART2	434222.5	3767555	1.01E-07	1.08333YrC	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456 ALL	UCART2	434242.5	3767555	1.03E-07	1.08333YrC	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457 ALL	UCART2	434262.5	3767555	1.05E-07	1.08333YrC	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458 ALL	UCART2	434282.5	3767555	1.07E-07	1.08333YrC	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459 ALL	UCART2	434302.5	3767555	1.09E-07	1.08333YrC	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460 ALL	UCART2	434322.5	3767555	1.11E-07	1.08333YrC	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461 ALL	UCART2	434342.5	3767555	1.13E-07	1.08333YrC	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00





























































































































































































































































































































































































































6501	ALL	UCART2	436002.5	3768295	9.54E-07	1.08333YrC	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6502	ALL	UCART2	436022.5	3768295	9.13E-07	1.08333YrC	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6503	ALL	UCART2	436042.5	3768295	8.72E-07	1.08333YrC	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6504	ALL	UCART2	436062.5	3768295	8.34E-07	1.08333YrC	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6505	ALL	UCART2	436082.5	3768295	7.98E-07	1.08333YrC	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6506	ALL	UCART2	436102.5	3768295	7.64E-07	1.08333YrC	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6507	ALL	UCART2	436122.5	3768295	7.31E-07	1.08333YrC	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6508	ALL	UCART2	436142.5	3768295	7.01E-07	1.08333YrC	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6509	ALL	UCART2	436162.5	3768295	6.72E-07	1.08333YrC	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6510	ALL	UCART2	436182.5	3768295	6.44E-07	1.08333YrC	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6511	ALL	UCART2	436202.5	3768295	6.18E-07	1.08333YrC	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6512	ALL	UCART2	436222.5	3768295	5.93E-07	1.08333YrC	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6513	ALL	UCART2	436242.5	3768295	5.71E-07	1.08333YrC	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6514	ALL	UCART2	436262.5	3768295	5.50E-07	1.08333YrC	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6515	ALL	UCART2	436282.5	3768295	5.30E-07	1.08333YrC	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6516	ALL	UCART2	436302.5	3768295	5.11E-07	1.08333YrC	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6517	ALL	UCART2	436322.5	3768295	4.93E-07	1.08333YrC	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6518	ALL	UCART2	436342.5	3768295	4.77E-07	1.08333YrC	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6519	ALL	UCART2	436362.5	3768295	4.60E-07	1.08333YrC	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6520	ALL	UCART2	436382.5	3768295	4.45E-07	1.08333YrC	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6521	ALL	UCART2	436402.5	3768295	4.31E-07	1.08333YrC	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6522	ALL	UCART2	436422.5	3768295	4.18E-07	1.08333YrC	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6523	ALL	UCART2	436442.5	3768295	4.05E-07	1.08333YrC	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6524	ALL	UCART2	436462.5	3768295	3.93E-07	1.08333YrC	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6525	ALL	UCART2	436482.5	3768295	3.81E-07	1.08333YrC	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6526	ALL	UCART2	436502.5	3768295	3.70E-07	1.08333YrC	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6527	ALL	UCART2	436522.5	3768295	3.60E-07	1.08333YrC	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6528	ALL	UCART2	436542.5	3768295	3.50E-07	1.08333YrC	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6529	ALL	UCART2	436562.5	3768295	3.40E-07	1.08333YrC	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6530	ALL	UCART2	436582.5	3768295	3.31E-07	1.08333YrC	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6531	ALL	UCART2	436602.5	3768295	3.23E-07	1.08333YrC	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6532	ALL	UCART2	436622.5	3768295	3.14E-07	1.08333YrC	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6533	ALL	UCART2	436642.5	3768295	3.06E-07	1.08333YrC	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



































































































































































































































































































































































































































































































































































































































































































































































REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN
1	ALL	UCART1	431735.2	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00
2	ALL	UCART1	432134.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00
3	ALL	UCART1	432533.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00
4	ALL	UCART1	432932.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00
5	ALL	UCART1	433331.1	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00
6	ALL	UCART1	433730	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00
7	ALL	UCART1	434129	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00
8	ALL	UCART1	434528	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00
9	ALL	UCART1	434926.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00
10	ALL	UCART1	435325.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00
11	ALL	UCART1	435724.9	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00
12	ALL	UCART1	436123.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00
13	ALL	UCART1	436522.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00
14	ALL	UCART1	436921.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00
15	ALL	UCART1	437320.8	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00
16	ALL	UCART1	437719.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00
17	ALL	UCART1	438118.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00
18	ALL	UCART1	438517.7	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00
19	ALL	UCART1	438916.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00
20	ALL	UCART1	439315.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00
21	ALL	UCART1	439714.6	3764671	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00
22	ALL	UCART1	431735.2	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00
23	ALL	UCART1	432134.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00
24	ALL	UCART1	432533.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00
25	ALL	UCART1	432932.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00
26	ALL	UCART1	433331.1	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00
27	ALL	UCART1	433730	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00
28	ALL	UCART1	434129	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00
29	ALL	UCART1	434528	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00
30	ALL	UCART1	434926.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00
31	ALL	UCART1	435325.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00
32	ALL	UCART1	435724.9	3765070	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00









132	ALL	UCART1	433730	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05	0.00E+00
133	ALL	UCART1	434129	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00
134	ALL	UCART1	434528	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00
135	ALL	UCART1	434926.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00
136	ALL	UCART1	435325.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00
137	ALL	UCART1	435724.9	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00
138	ALL	UCART1	436123.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00
139	ALL	UCART1	436522.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00
140	ALL	UCART1	436921.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00
141	ALL	UCART1	437320.8	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00
142	ALL	UCART1	437719.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00
143	ALL	UCART1	438118.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00
144	ALL	UCART1	438517.7	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00
145	ALL	UCART1	438916.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00
146	ALL	UCART1	439315.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00
147	ALL	UCART1	439714.6	3767065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00
148	ALL	UCART1	431735.2	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00
149	ALL	UCART1	432134.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00
150	ALL	UCART1	432533.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00
151	ALL	UCART1	432932.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00
152	ALL	UCART1	433331.1	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00
153	ALL	UCART1	433730	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00
154	ALL	UCART1	434129	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00
155	ALL	UCART1	434528	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00
156	ALL	UCART1	434926.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00
157	ALL	UCART1	435325.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00
158	ALL	UCART1	435724.9	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00
159	ALL	UCART1	436123.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00
160	ALL	UCART1	436522.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00
161	ALL	UCART1	436921.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00
162	ALL	UCART1	437320.8	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00
163	ALL	UCART1	437719.7	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00
164	ALL	UCART1	438118.7	3767464	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00





231	ALL	UCART1	439714.6	3768661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00
232	ALL	UCART1	431735.2	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00
233	ALL	UCART1	432134.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00
234	ALL	UCART1	432533.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00
235	ALL	UCART1	432932.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00
236	ALL	UCART1	433331.1	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00
237	ALL	UCART1	433730	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00
238	ALL	UCART1	434129	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00
239	ALL	UCART1	434528	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00
240	ALL	UCART1	434926.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00
241	ALL	UCART1	435325.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00
242	ALL	UCART1	435724.9	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00
243	ALL	UCART1	436123.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00
244	ALL	UCART1	436522.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00
245	ALL	UCART1	436921.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00
246	ALL	UCART1	437320.8	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00
247	ALL	UCART1	437719.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00
248	ALL	UCART1	438118.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00
249	ALL	UCART1	438517.7	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00
250	ALL	UCART1	438916.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00
251	ALL	UCART1	439315.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00
252	ALL	UCART1	439714.6	3769060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00
253	ALL	UCART1	431735.2	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00
254	ALL	UCART1	432134.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00
255	ALL	UCART1	432533.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00
256	ALL	UCART1	432932.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00
257	ALL	UCART1	433331.1	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00
258	ALL	UCART1	433730	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00
259	ALL	UCART1	434129	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00
260	ALL	UCART1	434528	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00
261	ALL	UCART1	434926.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00
262	ALL	UCART1	435325.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00
263	ALL	UCART1	435724.9	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00

264	ALL	UCART1	436123.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00
265	ALL	UCART1	436522.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00
266	ALL	UCART1	436921.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00
267	ALL	UCART1	437320.8	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00
268	ALL	UCART1	437719.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00
269	ALL	UCART1	438118.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00
270	ALL	UCART1	438517.7	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00
271	ALL	UCART1	438916.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00
272	ALL	UCART1	439315.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00
273	ALL	UCART1	439714.6	3769459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00
274	ALL	UCART1	431735.2	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00
275	ALL	UCART1	432134.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00
276	ALL	UCART1	432533.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00
277	ALL	UCART1	432932.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00
278	ALL	UCART1	433331.1	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00
279	ALL	UCART1	433730	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00
280	ALL	UCART1	434129	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00
281	ALL	UCART1	434528	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00
282	ALL	UCART1	434926.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00
283	ALL	UCART1	435325.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	0.00E+00
284	ALL	UCART1	435724.9	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00
285	ALL	UCART1	436123.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00
286	ALL	UCART1	436522.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00
287	ALL	UCART1	436921.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00
288	ALL	UCART1	437320.8	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00
289	ALL	UCART1	437719.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00
290	ALL	UCART1	438118.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00
291	ALL	UCART1	438517.7	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00
292	ALL	UCART1	438916.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00
293	ALL	UCART1	439315.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00
294	ALL	UCART1	439714.6	3769858	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00
295	ALL	UCART1	431735.2	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00
296	ALL	UCART1	432134.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00

297	ALL	UCART1	432533.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00
298	ALL	UCART1	432932.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00
299	ALL	UCART1	433331.1	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00
300	ALL	UCART1	433730	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00
301	ALL	UCART1	434129	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00
302	ALL	UCART1	434528	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00
303	ALL	UCART1	434926.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00
304	ALL	UCART1	435325.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00
305	ALL	UCART1	435724.9	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00
306	ALL	UCART1	436123.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00
307	ALL	UCART1	436522.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00
308	ALL	UCART1	436921.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-05	0.00E+00
309	ALL	UCART1	437320.8	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-05	0.00E+00
310	ALL	UCART1	437719.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05	0.00E+00
311	ALL	UCART1	438118.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00
312	ALL	UCART1	438517.7	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05	0.00E+00
313	ALL	UCART1	438916.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00
314	ALL	UCART1	439315.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05	0.00E+00
315	ALL	UCART1	439714.6	3770257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00
316	ALL	UCART1	431735.2	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00
317	ALL	UCART1	432134.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00
318	ALL	UCART1	432533.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00
319	ALL	UCART1	432932.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00
320	ALL	UCART1	433331.1	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00
321	ALL	UCART1	433730	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00
322	ALL	UCART1	434129	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00
323	ALL	UCART1	434528	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00
324	ALL	UCART1	434926.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00
325	ALL	UCART1	435325.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00
326	ALL	UCART1	435724.9	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00
327	ALL	UCART1	436123.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00
328	ALL	UCART1	436522.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00
329	ALL	UCART1	436921.8	3770656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05	0.00E+00



























































































































































































































































































































































































































































































































































































EYE	BONE/TEETENDO	BLOOD	ODOR	GENERAL	MAXHI
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05













































































































































































































































































































































































































































































































































































































