Appendix A:
Air Quality, Greenhouse Gas Emissions, Health Risk Assessment, and Energy Impact Analysis

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Appendix A: Air Quality Supporting Information and Modeling Results

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A. Construction start date estimated by project applicant.

B. Land Use Breakdown

Condo/Townhouse High Rise:

- 249 dwelling units per applicant information.
- Estimated 3.75 lot acreage per applicant information.
- Approximately 492,000 gross sqft of residential area per applicant information.

Recreational Swimming Pool and City Park:

- Lot acreage and square footage per applicant information.

Retail:

- Lot acreage and square footage per applicant information.

Parking:

- Number of parking spaces, lot acreage, and square footage per applicant information.

C. Construction schedule estimated per applicant information and consultation.

D. Off-road equipment adapted from default assumptions per applicant information and consultation.

E. Assumes 45 total acres graded. Consistent with 1.5 acres graded per day (per "Fact Sheet for Applying CalEEMod to LSTs. SCAQMD).

F. Demolition figures estimated per EPA volume to weight conversion factors.

G. Demolition haul trip conservatively assumes a 40-mile one-way trip distance.

H. Trip rates modified to be consistent with traffic study estimates for the project land uses.

I. The project would not include hearths.

J. The project would utilize Tier 4 Final equipment, per Mitigation Measure AQ-1. Assumes consistency with SCAQMD Rule 403 BACMs to reduce fugitive dust. Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

K. Assumes onsite renewable energy generation consistent with CALGreen solar requirements for the project.

L. This analysis estimates the emissions associated with the project site's existing operational land use, which is a used car dealership. Therefore, no construction emissions projections are included.

M. Land use conservatively does not assume outdoor surface parking area associated with the site's existing used car dealership land use. CalEEMod does not include a car dealership land use type, therefore the "Automobile Care Center" land use type was selected to approximate area, energy, waste, and water-related emissions that would be associated with the site's existing use.

N. This is an operations-only analysis.

O. Trip rates for this land use were modified to be consistent with traffic study estimates for the site's existing used car dealership land use.

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

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.11	Acre	3.11	135,471.60	0
Parking Lot	97.00	Space	0.87	38,800.00	0
City Park	2.59	Acre	2.59	112,820.40	0
Fast Food Restaurant w/o Drive Thru	2.25	1000sqft	0.05	2,250.00	0
High Turnover (Sit Down Restaurant)	2.25	1000sqft	0.05	2,250.00	0
Recreational Swimming Pool	1.25	1000sqft	0.26	1,250.00	0
Condo/Townhouse High Rise	249.00	Dwelling Unit	3.75	492,000.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2025
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1543.28	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Note A

Land Use - See Note B

Construction Phase - See Note C

Off-road Equipment -

Off-road Equipment - See Note D

Off-road Equipment - See Note D

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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 -

Trips and VMT - See Note G

Demolition - See Note F

Grading - See Note E

Vehicle Trips - See Note H

Woodstoves - See Note I

Construction Off-road Equipment Mitigation - See Note J

Energy Mitigation - See Note K

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	80
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	140.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	12.45	0.00
tblLandUse	LandUseSquareFeet	249,000.00	492,000.00
tblLandUse	LotAcreage	0.03	0.26
tblLandUse	LotAcreage	3.89	3.75
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblVehicleTrips	DV_TP	11.00	0.00

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

tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	10.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	51.00	90.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	4.91	6.42
tblVehicleTrips	ST_TR	696.00	533.57
tblVehicleTrips	ST_TR	122.40	97.14
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	4.09	6.42
tblVehicleTrips	SU_TR	500.00	533.57
tblVehicleTrips	SU_TR	142.64	97.14
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	5.44	6.42
tblVehicleTrips	WD_TR	346.23	533.57
tblVehicleTrips	WD_TR	112.18	97.14
tblVehicleTrips	WD_TR	28.82	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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					
2023	0.2369	1.9636	2.4280	6.4700e-003	0.4864	0.0800	0.5664	0.1438	0.0746	0.2184	0.0000	592.7247	592.7247	0.0847	0.0252	602.3401
2024	1.8969	2.1079	3.3637	8.8500e-003	0.5212	0.0837	0.6050	0.1398	0.0785	0.2183	0.0000	809.8725	809.8725	0.0911	0.0318	821.6236
Maximum	**1.8969**	**2.1079**	**3.3637**	**8.8500e-003**	**0.5212**	**0.0837**	**0.6050**	**0.1438**	**0.0785**	**0.2184**	**0.0000**	**809.8725**	**809.8725**	**0.0911**	**0.0318**	**821.6236**

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					
2023	0.2369	1.9636	2.4280	6.4700e-003	0.1700	0.0800	0.2501	0.0555	0.0746	0.1301	0.0000	592.7243	592.7243	0.0847	0.0252	602.3398
2024	1.8969	2.1079	3.3637	8.8500e-003	0.1672	0.0837	0.2509	0.0529	0.0785	0.1314	0.0000	809.8721	809.8721	0.0911	0.0318	821.6232
Maximum	**1.8969**	**2.1079**	**3.3637**	**8.8500e-003**	**0.1700**	**0.0837**	**0.2509**	**0.0555**	**0.0785**	**0.1314**	**0.0000**	**809.8721**	**809.8721**	**0.0911**	**0.0318**	**821.6232**

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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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**66.54**	**0.00**	**57.23**	**61.78**	**0.00**	**40.12**	**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	**3-13-2023**	**6-12-2023**	0.8500	0.8500
2	**6-13-2023**	**9-12-2023**	0.6040	0.6040
3	**9-13-2023**	**12-12-2023**	0.6038	0.6038
4	**12-13-2023**	**3-12-2024**	0.5769	0.5769
5	**3-13-2024**	**6-12-2024**	0.6567	0.6567
6	**6-13-2024**	**9-12-2024**	1.4812	1.4812
7	**9-13-2024**	**9-30-2024**	0.2681	0.2681
		Highest	1.4812	1.4812

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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Energy	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	1,045.2419	1,045.2419	0.0197	7.1000e-003	1,047.8509
Mobile	1.3877	1.5381	14.2018	0.0333	3.8042	0.0228	3.8270	1.0154	0.0212	1.0366	0.0000	3,074.9464	3,074.9464	0.1882	0.1295	3,118.2536
Waste						0.0000	0.0000		0.0000	0.0000	35.4402	0.0000	35.4402	2.0945	0.0000	87.8016
Water						0.0000	0.0000		0.0000	0.0000	5.6037	265.5733	271.1770	0.5806	0.0146	290.0482
Total	**3.4592**	**1.7526**	**16.8709**	**0.0346**	**3.8042**	**0.0517**	**3.8559**	**1.0154**	**0.0501**	**1.0655**	**41.0439**	**4,389.9589**	**4,431.0028**	**2.8869**	**0.1513**	**4,548.2521**

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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Energy	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	734.1075	734.1075	0.0139	5.8900e-003	736.2099
Mobile	1.3877	1.5381	14.2018	0.0333	3.8042	0.0228	3.8270	1.0154	0.0212	1.0366	0.0000	3,074.9464	3,074.9464	0.1882	0.1295	3,118.2536
Waste						0.0000	0.0000		0.0000	0.0000	35.4402	0.0000	35.4402	2.0945	0.0000	87.8016
Water						0.0000	0.0000		0.0000	0.0000	5.6037	265.5733	271.1770	0.5806	0.0146	290.0482
Total	**3.4592**	**1.7526**	**16.8709**	**0.0346**	**3.8042**	**0.0517**	**3.8559**	**1.0154**	**0.0501**	**1.0655**	**41.0439**	**4,078.8245**	**4,119.8684**	**2.8811**	**0.1501**	**4,236.6110**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7.09**	**7.02**	**0.20**	**0.80**	**6.85**

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	3/13/2023	4/21/2023	5	30	
2	Grading	Grading	4/22/2023	6/2/2023	5	30	
3	Building Construction	Building Construction	6/3/2023	12/13/2024	5	400	

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

4	Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140	
5	Paving	Paving	7/27/2024	8/23/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 45

Acres of Paving: 3.98

Residential Indoor: 996,300; Residential Outdoor: 332,100; Non-Residential Indoor: 9,750; Non-Residential Outdoor: 3,250; Striped Parking Area: 10,456 (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
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	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

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	15.00	0.00	659.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	302.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	60.00	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

Clean Paved Roads

3.2 Demolition - 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					
Fugitive Dust					0.0714	0.0000	0.0714	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9881	50.9881	0.0143	0.0000	51.3451
Total	**0.0340**	**0.3223**	**0.2947**	**5.8000e-004**	**0.0714**	**0.0150**	**0.0863**	**0.0108**	**0.0139**	**0.0247**	**0.0000**	**50.9881**	**50.9881**	**0.0143**	**0.0000**	**51.3451**

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

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	1.0400e-003	0.0768	0.0226	3.6000e-004	0.0113	5.0000e-004	0.0118	3.1000e-003	4.8000e-004	3.5800e-003	0.0000	37.4800	37.4800	3.8300e-003	6.0100e-003	39.3677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	6.5500e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.8780	1.8780	4.0000e-005	5.0000e-005	1.8927
Total	**1.6800e-003**	**0.0772**	**0.0291**	**3.8000e-004**	**0.0138**	**5.1000e-004**	**0.0143**	**3.7600e-003**	**4.9000e-004**	**4.2500e-003**	**0.0000**	**39.3580**	**39.3580**	**3.8700e-003**	**6.0600e-003**	**41.2603**

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					0.0278	0.0000	0.0278	4.2100e-003	0.0000	4.2100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9880	50.9880	0.0143	0.0000	51.3450
Total	**0.0340**	**0.3223**	**0.2947**	**5.8000e-004**	**0.0278**	**0.0150**	**0.0428**	**4.2100e-003**	**0.0139**	**0.0181**	**0.0000**	**50.9880**	**50.9880**	**0.0143**	**0.0000**	**51.3450**

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

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	1.0400e-003	0.0768	0.0226	3.6000e-004	4.4800e-003	5.0000e-004	4.9800e-003	1.4300e-003	4.8000e-004	1.9100e-003	0.0000	37.4800	37.4800	3.8300e-003	6.0100e-003	39.3677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	6.5500e-003	2.0000e-005	7.6000e-004	1.0000e-005	7.7000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	1.8780	1.8780	4.0000e-005	5.0000e-005	1.8927
Total	**1.6800e-003**	**0.0772**	**0.0291**	**3.8000e-004**	**5.2400e-003**	**5.1000e-004**	**5.7500e-003**	**1.6700e-003**	**4.9000e-004**	**2.1600e-003**	**0.0000**	**39.3580**	**39.3580**	**3.8700e-003**	**6.0600e-003**	**41.2603**

3.3 Grading - 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					
Fugitive Dust					0.1142	0.0000	0.1142	0.0522	0.0000	0.0522	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0320	0.3390	0.2621	5.8000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	50.5131	50.5131	0.0163	0.0000	50.9215
Total	**0.0320**	**0.3390**	**0.2621**	**5.8000e-004**	**0.1142**	**0.0139**	**0.1281**	**0.0522**	**0.0128**	**0.0650**	**0.0000**	**50.5131**	**50.5131**	**0.0163**	**0.0000**	**50.9215**

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

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.4000e-004	7.8500e-003	2.0000e-005	2.9600e-003	2.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2536	2.2536	5.0000e-005	5.0000e-005	2.2712
Total	**7.6000e-004**	**5.4000e-004**	**7.8500e-003**	**2.0000e-005**	**2.9600e-003**	**2.0000e-005**	**2.9800e-003**	**7.9000e-004**	**1.0000e-005**	**8.0000e-004**	**0.0000**	**2.2536**	**2.2536**	**5.0000e-005**	**5.0000e-005**	**2.2712**

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					0.0445	0.0000	0.0445	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0320	0.3390	0.2621	5.8000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	50.5130	50.5130	0.0163	0.0000	50.9214
Total	**0.0320**	**0.3390**	**0.2621**	**5.8000e-004**	**0.0445**	**0.0139**	**0.0584**	**0.0204**	**0.0128**	**0.0331**	**0.0000**	**50.5130**	**50.5130**	**0.0163**	**0.0000**	**50.9214**

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

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.4000e-004	7.8500e-003	2.0000e-005	9.1000e-004	2.0000e-005	9.2000e-004	2.8000e-004	1.0000e-005	3.0000e-004	0.0000	2.2536	2.2536	5.0000e-005	5.0000e-005	2.2712
Total	**7.6000e-004**	**5.4000e-004**	**7.8500e-003**	**2.0000e-005**	**9.1000e-004**	**2.0000e-005**	**9.2000e-004**	**2.8000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**2.2536**	**2.2536**	**5.0000e-005**	**5.0000e-005**	**2.2712**

3.4 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	0.0989	0.9723	1.0925	1.8300e-003		0.0484	0.0484		0.0453	0.0453	0.0000	159.7370	159.7370	0.0398	0.0000	160.7324
Total	**0.0989**	**0.9723**	**1.0925**	**1.8300e-003**		**0.0484**	**0.0484**		**0.0453**	**0.0453**	**0.0000**	**159.7370**	**159.7370**	**0.0398**	**0.0000**	**160.7324**

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

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.2065	0.0829	1.0100e-003	0.0354	1.0100e-003	0.0365	0.0102	9.7000e-004	0.0112	0.0000	100.8192	100.8192	5.9900e-003	0.0145	105.2831
Worker	0.0640	0.0457	0.6590	2.0600e-003	0.2487	1.2900e-003	0.2499	0.0660	1.1900e-003	0.0672	0.0000	189.0557	189.0557	4.4000e-003	4.5700e-003	190.5265
Total	**0.0695**	**0.2522**	**0.7419**	**3.0700e-003**	**0.2841**	**2.3000e-003**	**0.2864**	**0.0763**	**2.1600e-003**	**0.0784**	**0.0000**	**289.8748**	**289.8748**	**0.0104**	**0.0191**	**295.8096**

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	0.0989	0.9723	1.0925	1.8300e-003		0.0484	0.0484		0.0453	0.0453	0.0000	159.7368	159.7368	0.0398	0.0000	160.7323
Total	**0.0989**	**0.9723**	**1.0925**	**1.8300e-003**		**0.0484**	**0.0484**		**0.0453**	**0.0453**	**0.0000**	**159.7368**	**159.7368**	**0.0398**	**0.0000**	**160.7323**

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

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.2065	0.0829	1.0100e-003	0.0153	1.0100e-003	0.0164	5.2900e-003	9.7000e-004	6.2600e-003	0.0000	100.8192	100.8192	5.9900e-003	0.0145	105.2831
Worker	0.0640	0.0457	0.6590	2.0600e-003	0.0762	1.2900e-003	0.0775	0.0237	1.1900e-003	0.0249	0.0000	189.0557	189.0557	4.4000e-003	4.5700e-003	190.5265
Total	**0.0695**	**0.2522**	**0.7419**	**3.0700e-003**	**0.0915**	**2.3000e-003**	**0.0938**	**0.0290**	**2.1600e-003**	**0.0312**	**0.0000**	**289.8748**	**289.8748**	**0.0104**	**0.0191**	**295.8096**

3.4 Building Construction - 2024

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	0.1545	1.5079	1.8129	3.0500e-003		0.0707	0.0707		0.0662	0.0662	0.0000	266.2838	266.2838	0.0661	0.0000	267.9371
Total	**0.1545**	**1.5079**	**1.8129**	**3.0500e-003**		**0.0707**	**0.0707**		**0.0662**	**0.0662**	**0.0000**	**266.2838**	**266.2838**	**0.0661**	**0.0000**	**267.9371**

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

3.4 Building Construction - 2024

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	9.1600e-003	0.3432	0.1372	1.6600e-003	0.0591	1.7700e-003	0.0608	0.0170	1.6900e-003	0.0187	0.0000	165.4278	165.4278	0.0101	0.0239	172.7884
Worker	0.1003	0.0684	1.0228	3.3300e-003	0.4144	2.0400e-003	0.4165	0.1101	1.8800e-003	0.1119	0.0000	305.1039	305.1039	6.6600e-003	7.1100e-003	307.3906
Total	**0.1095**	**0.4115**	**1.1600**	**4.9900e-003**	**0.4735**	**3.8100e-003**	**0.4773**	**0.1271**	**3.5700e-003**	**0.1307**	**0.0000**	**470.5317**	**470.5317**	**0.0167**	**0.0310**	**480.1789**

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	0.1545	1.5079	1.8129	3.0500e-003		0.0707	0.0707		0.0662	0.0662	0.0000	266.2835	266.2835	0.0661	0.0000	267.9368
Total	**0.1545**	**1.5079**	**1.8129**	**3.0500e-003**		**0.0707**	**0.0707**		**0.0662**	**0.0662**	**0.0000**	**266.2835**	**266.2835**	**0.0661**	**0.0000**	**267.9368**

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

3.4 Building Construction - 2024

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	9.1600e-003	0.3432	0.1372	1.6600e-003	0.0256	1.7700e-003	0.0273	8.8100e-003	1.6900e-003	0.0105	0.0000	165.4278	165.4278	0.0101	0.0239	172.7884
Worker	0.1003	0.0684	1.0228	3.3300e-003	0.1270	2.0400e-003	0.1290	0.0395	1.8800e-003	0.0414	0.0000	305.1039	305.1039	6.6600e-003	7.1100e-003	307.3906
Total	**0.1095**	**0.4115**	**1.1600**	**4.9900e-003**	**0.1525**	**3.8100e-003**	**0.1564**	**0.0483**	**3.5700e-003**	**0.0519**	**0.0000**	**470.5317**	**470.5317**	**0.0167**	**0.0310**	**480.1789**

3.5 Architectural Coating - 2024

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	1.5936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.0853	0.1267	2.1000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	17.8728	17.8728	1.0100e-003	0.0000	17.8979
Total	**1.6063**	**0.0853**	**0.1267**	**2.1000e-004**		**4.2600e-003**	**4.2600e-003**		**4.2600e-003**	**4.2600e-003**	**0.0000**	**17.8728**	**17.8728**	**1.0100e-003**	**0.0000**	**17.8979**

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

3.5 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	7.6100e-003	0.1138	3.7000e-004	0.0461	2.3000e-004	0.0463	0.0122	2.1000e-004	0.0125	0.0000	33.9453	33.9453	7.4000e-004	7.9000e-004	34.1997
Total	**0.0112**	**7.6100e-003**	**0.1138**	**3.7000e-004**	**0.0461**	**2.3000e-004**	**0.0463**	**0.0122**	**2.1000e-004**	**0.0125**	**0.0000**	**33.9453**	**33.9453**	**7.4000e-004**	**7.9000e-004**	**34.1997**

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	1.5936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.0853	0.1267	2.1000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	17.8728	17.8728	1.0100e-003	0.0000	17.8979
Total	**1.6063**	**0.0853**	**0.1267**	**2.1000e-004**		**4.2600e-003**	**4.2600e-003**		**4.2600e-003**	**4.2600e-003**	**0.0000**	**17.8728**	**17.8728**	**1.0100e-003**	**0.0000**	**17.8979**

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

3.5 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	7.6100e-003	0.1138	3.7000e-004	0.0141	2.3000e-004	0.0144	4.3900e-003	2.1000e-004	4.6000e-003	0.0000	33.9453	33.9453	7.4000e-004	7.9000e-004	34.1997
Total	**0.0112**	**7.6100e-003**	**0.1138**	**3.7000e-004**	**0.0141**	**2.3000e-004**	**0.0144**	**4.3900e-003**	**2.1000e-004**	**4.6000e-003**	**0.0000**	**33.9453**	**33.9453**	**7.4000e-004**	**7.9000e-004**	**34.1997**

3.6 Paving - 2024

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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	5.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0151**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1885**

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

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	4.0600e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.2123	1.2123	3.0000e-005	3.0000e-005	1.2214
Total	**4.0000e-004**	**2.7000e-004**	**4.0600e-003**	**1.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.2123**	**1.2123**	**3.0000e-005**	**3.0000e-005**	**1.2214**

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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	5.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0151**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1884**

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

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	4.0600e-003	1.0000e-005	5.0000e-004	1.0000e-005	5.1000e-004	1.6000e-004	1.0000e-005	1.6000e-004	0.0000	1.2123	1.2123	3.0000e-005	3.0000e-005	1.2214
Total	**4.0000e-004**	**2.7000e-004**	**4.0600e-003**	**1.0000e-005**	**5.0000e-004**	**1.0000e-005**	**5.1000e-004**	**1.6000e-004**	**1.0000e-005**	**1.6000e-004**	**0.0000**	**1.2123**	**1.2123**	**3.0000e-005**	**3.0000e-005**	**1.2214**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

0055.0089 Anaheim Ball Project - Orange County, 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	1.3877	1.5381	14.2018	0.0333	3.8042	0.0228	3.8270	1.0154	0.0212	1.0366	0.0000	3,074.9464	3,074.9464	0.1882	0.1295	3,118.2536
Unmitigated	1.3877	1.5381	14.2018	0.0333	3.8042	0.0228	3.8270	1.0154	0.0212	1.0366	0.0000	3,074.9464	3,074.9464	0.1882	0.1295	3,118.2536

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	1,598.58	1,598.58	1598.58	6,153,065	6,153,065
Fast Food Restaurant w/o Drive Thru	1,200.53	1,200.53	1200.53	3,244,330	3,244,330
High Turnover (Sit Down Restaurant)	218.57	218.57	218.57	701,062	701,062
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,017.68	3,017.68	3,017.68	10,098,457	10,098,457

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	90	0	10
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

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

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Condo/Townhouse High Rise	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Fast Food Restaurant w/o Drive Thru	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
High Turnover (Sit Down Restaurant)	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Other Asphalt Surfaces	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Parking Lot	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Recreational Swimming Pool	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	523.8733	523.8733	9.8400e-003	2.0400e-003	524.7264
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	835.0077	835.0077	0.0157	3.2500e-003	836.3674
NaturalGas Mitigated	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.2342	210.2342	4.0300e-003	3.8500e-003	211.4835
NaturalGas Unmitigated	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.2342	210.2342	4.0300e-003	3.8500e-003	211.4835

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
Condo/Townhouse High Rise	2.77626e+006	0.0150	0.1279	0.0544	8.2000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	148.1516	148.1516	2.8400e-003	2.7200e-003	149.0320
Fast Food Restaurant w/o Drive Thru	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
High Turnover (Sit Down Restaurant)	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0213**	**0.1850**	**0.1023**	**1.1600e-003**		**0.0147**	**0.0147**		**0.0147**	**0.0147**	**0.0000**	**210.2342**	**210.2342**	**4.0200e-003**	**3.8600e-003**	**211.4835**

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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
Condo/Townhouse High Rise	2.77626e+006	0.0150	0.1279	0.0544	8.2000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	148.1516	148.1516	2.8400e-003	2.7200e-003	149.0320
Fast Food Restaurant w/o Drive Thru	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
High Turnover (Sit Down Restaurant)	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0213**	**0.1850**	**0.1023**	**1.1600e-003**		**0.0147**	**0.0147**		**0.0147**	**0.0147**	**0.0000**	**210.2342**	**210.2342**	**4.0200e-003**	**3.8600e-003**	**211.4835**

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
Condo/Townhouse High Rise	1.01928e+006	713.5157	0.0134	2.7700e-003	714.6776
Fast Food Restaurant w/o Drive Thru	79987.5	55.9929	1.0500e-003	2.2000e-004	56.0840
High Turnover (Sit Down Restaurant)	79987.5	55.9929	1.0500e-003	2.2000e-004	56.0840
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	13580	9.5063	1.8000e-004	4.0000e-005	9.5218
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Total		**835.0077**	**0.0157**	**3.2500e-003**	**836.3674**

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	-63495	-44.4478	-0.0008	-0.0002	-44.5202
Condo/Townhouse High Rise	955784	669.0680	0.0126	2.6000e-003	670.1574
Fast Food Restaurant w/o Drive Thru	16492.5	11.5451	2.2000e-004	4.0000e-005	11.5639
High Turnover (Sit Down Restaurant)	16492.5	11.5451	2.2000e-004	4.0000e-005	11.5639
Other Asphalt Surfaces	-63495	-44.4478	-0.0008	-0.0002	-44.5202
Parking Lot	-49915	-34.9415	-0.0007	-0.0001	-34.9984
Recreational Swimming Pool	-63495	-44.4478	-0.0008	-0.0002	-44.5202
Total		**523.8733**	**9.8300e-003**	**2.0300e-003**	**524.7263**

6.0 Area Detail

6.1 Mitigation Measures Area

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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Unmitigated	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978

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	0.1594					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0772	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Total	**2.0502**	**0.0296**	**2.5668**	**1.4000e-004**		**0.0142**	**0.0142**		**0.0142**	**0.0142**	**0.0000**	**4.1972**	**4.1972**	**4.0200e-003**	**0.0000**	**4.2978**

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	0.1594					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0772	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Total	**2.0502**	**0.0296**	**2.5668**	**1.4000e-004**		**0.0142**	**0.0142**		**0.0142**	**0.0142**	**0.0000**	**4.1972**	**4.1972**	**4.0200e-003**	**0.0000**	**4.2978**

7.0 Water Detail

7.1 Mitigation Measures Water

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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	271.1770	0.5806	0.0146	290.0482
Unmitigated	271.1770	0.5806	0.0146	290.0482

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 / 3.08594	24.0000	4.5000e-004	9.0000e-005	24.0391
Condo/Townhouse High Rise	16.2234 / 10.2278	232.5658	0.5329	0.0134	249.8718
Fast Food Restaurant w/o Drive Thru	0.682951 / 0.0435926	6.7808	0.0224	5.5000e-004	7.5044
High Turnover (Sit Down Restaurant)	0.682951 / 0.0435926	6.7808	0.0224	5.5000e-004	7.5044
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.0739289 / 0.0453113	1.0497	2.4300e-003	6.0000e-005	1.1286
Total		**271.1770**	**0.5806**	**0.0146**	**290.0482**

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 / 3.08594	24.0000	4.5000e-004	9.0000e-005	24.0391
Condo/Townhouse High Rise	16.2234 / 10.2278	232.5658	0.5329	0.0134	249.8718
Fast Food Restaurant w/o Drive Thru	0.682951 / 0.0435926	6.7808	0.0224	5.5000e-004	7.5044
High Turnover (Sit Down Restaurant)	0.682951 / 0.0435926	6.7808	0.0224	5.5000e-004	7.5044
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.0739289 / 0.0453113	1.0497	2.4300e-003	6.0000e-005	1.1286
Total		**271.1770**	**0.5806**	**0.0146**	**290.0482**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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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	35.4402	2.0945	0.0000	87.8016
Unmitigated	35.4402	2.0945	0.0000	87.8016

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	0.22	0.0447	2.6400e-003	0.0000	0.1106
Condo/Townhouse High Rise	114.54	23.2506	1.3741	0.0000	57.6023
Fast Food Restaurant w/o Drive Thru	25.92	5.2615	0.3110	0.0000	13.0352
High Turnover (Sit Down Restaurant)	26.78	5.4361	0.3213	0.0000	13.4677
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	7.13	1.4473	0.0855	0.0000	3.5857
Total		**35.4402**	**2.0945**	**0.0000**	**87.8016**

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	0.22	0.0447	2.6400e-003	0.0000	0.1106
Condo/Townhouse High Rise	114.54	23.2506	1.3741	0.0000	57.6023
Fast Food Restaurant w/o Drive Thru	25.92	5.2615	0.3110	0.0000	13.0352
High Turnover (Sit Down Restaurant)	26.78	5.4361	0.3213	0.0000	13.4677
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	7.13	1.4473	0.0855	0.0000	3.5857
Total		**35.4402**	**2.0945**	**0.0000**	**87.8016**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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

0055.0089 Anaheim Ball Project

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.11	Acre	3.11	135,471.60	0
Parking Lot	97.00	Space	0.87	38,800.00	0
City Park	2.59	Acre	2.59	112,820.40	0
Fast Food Restaurant w/o Drive Thru	2.25	1000sqft	0.05	2,250.00	0
High Turnover (Sit Down Restaurant)	2.25	1000sqft	0.05	2,250.00	0
Recreational Swimming Pool	1.25	1000sqft	0.26	1,250.00	0
Condo/Townhouse High Rise	249.00	Dwelling Unit	3.75	492,000.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2025
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1543.28	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Note A

Land Use - See Note B

Construction Phase - See Note C

Off-road Equipment -

Off-road Equipment - See Note D

Off-road Equipment - See Note D

0055.0089 Anaheim Ball Project - Orange County, Summer

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

Off-road Equipment -

Trips and VMT - See Note G

Demolition - See Note F

Grading - See Note E

Vehicle Trips - See Note H

Woodstoves - See Note I

Construction Off-road Equipment Mitigation - See Note J

Energy Mitigation - See Note K

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	80
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	140.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	12.45	0.00
tblLandUse	LandUseSquareFeet	249,000.00	492,000.00
tblLandUse	LotAcreage	0.03	0.26
tblLandUse	LotAcreage	3.89	3.75
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblVehicleTrips	DV_TP	11.00	0.00

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

tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	10.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	51.00	90.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	4.91	6.42
tblVehicleTrips	ST_TR	696.00	533.57
tblVehicleTrips	ST_TR	122.40	97.14
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	4.09	6.42
tblVehicleTrips	SU_TR	500.00	533.57
tblVehicleTrips	SU_TR	142.64	97.14
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	5.44	6.42
tblVehicleTrips	WD_TR	346.23	533.57
tblVehicleTrips	WD_TR	112.18	97.14
tblVehicleTrips	WD_TR	28.82	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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					
2023	2.3820	26.3696	24.8783	0.0664	7.8140	1.0319	8.7407	3.5354	0.9608	4.3879	0.0000	6,707.7549	6,707.7549	1.3338	0.4449	6,809.6898
2024	26.7646	26.0370	42.7335	0.0979	4.6935	1.1298	5.8233	1.2556	1.0537	2.3093	0.0000	9,775.1443	9,775.1443	1.4736	0.2827	9,896.2267
Maximum	**26.7646**	**26.3696**	**42.7335**	**0.0979**	**7.8140**	**1.1298**	**8.7407**	**3.5354**	**1.0537**	**4.3879**	**0.0000**	**9,775.1443**	**9,775.1443**	**1.4736**	**0.4449**	**9,896.2267**

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					
2023	2.3820	26.3696	24.8783	0.0664	3.0303	1.0319	3.9570	1.3770	0.9608	2.2296	0.0000	6,707.7549	6,707.7549	1.3338	0.4449	6,809.6898
2024	26.7646	26.0370	42.7335	0.0979	1.4891	1.1298	2.6189	0.4690	1.0537	1.5227	0.0000	9,775.1443	9,775.1443	1.4736	0.2827	9,896.2267
Maximum	**26.7646**	**26.3696**	**42.7335**	**0.0979**	**3.0303**	**1.1298**	**3.9570**	**1.3770**	**1.0537**	**2.2296**	**0.0000**	**9,775.1443**	**9,775.1443**	**1.4736**	**0.4449**	**9,896.2267**

0055.0089 Anaheim Ball Project - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	63.87	0.00	54.85	61.47	0.00	43.97	0.00	0.00	0.00	0.00	0.00	0.00

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Energy	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
Mobile	7.8491	7.7618	78.3273	0.1883	21.2789	0.1253	21.4042	5.6718	0.1165	5.7883		19,175.4540	19,175.4540	1.1116	0.7498	19,426.6707
Total	**19.3938**	**9.0118**	**99.4225**	**0.1957**	**21.2789**	**0.3197**	**21.5985**	**5.6718**	**0.3109**	**5.9827**	**0.0000**	**20,482.2949**	**20,482.2949**	**1.1715**	**0.7730**	**20,741.9447**

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	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Energy	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
Mobile	7.8491	7.7618	78.3273	0.1883	21.2789	0.1253	21.4042	5.6718	0.1165	5.7883		19,175.4540	19,175.4540	1.1116	0.7498	19,426.6707
Total	**19.3938**	**9.0118**	**99.4225**	**0.1957**	**21.2789**	**0.3197**	**21.5985**	**5.6718**	**0.3109**	**5.9827**	**0.0000**	**20,482.2949**	**20,482.2949**	**1.1715**	**0.7730**	**20,741.9447**

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	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/13/2023	4/21/2023	5	30	
2	Grading	Grading	4/22/2023	6/2/2023	5	30	
3	Building Construction	Building Construction	6/3/2023	12/13/2024	5	400	
4	Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140	
5	Paving	Paving	7/27/2024	8/23/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 45

Acres of Paving: 3.98

Residential Indoor: 996,300; Residential Outdoor: 332,100; Non-Residential Indoor: 9,750; Non-Residential Outdoor: 3,250; Striped Parking Area: 10,456 (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
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

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

Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	659.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	302.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	60.00	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

Clean Paved Roads

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

3.2 Demolition - 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					
Fugitive Dust					4.7570	0.0000	4.7570	0.7203	0.0000	0.7203			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**4.7570**	**0.9975**	**5.7545**	**0.7203**	**0.9280**	**1.6482**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

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	0.0707	4.8581	1.5013	0.0241	0.7657	0.0335	0.7992	0.2097	0.0320	0.2417		2,753.7724	2,753.7724	0.2813	0.4418	2,892.4681
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	0.0422	0.0270	0.4581	1.4100e-003	0.1677	8.5000e-004	0.1685	0.0445	7.9000e-004	0.0453		143.0043	143.0043	3.1400e-003	3.0900e-003	144.0035
Total	**0.1129**	**4.8852**	**1.9593**	**0.0256**	**0.9334**	**0.0343**	**0.9677**	**0.2541**	**0.0328**	**0.2869**		**2,896.7767**	**2,896.7767**	**0.2844**	**0.4449**	**3,036.4716**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					1.8552	0.0000	1.8552	0.2809	0.0000	0.2809			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**1.8552**	**0.9975**	**2.8528**	**0.2809**	**0.9280**	**1.2089**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

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	0.0707	4.8581	1.5013	0.0241	0.3011	0.0335	0.3345	0.0956	0.0320	0.1276		2,753.7724	2,753.7724	0.2813	0.4418	2,892.4681
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	0.0422	0.0270	0.4581	1.4100e-003	0.0511	8.5000e-004	0.0519	0.0158	7.9000e-004	0.0166		143.0043	143.0043	3.1400e-003	3.0900e-003	144.0035
Total	**0.1129**	**4.8852**	**1.9593**	**0.0256**	**0.3521**	**0.0343**	**0.3865**	**0.1114**	**0.0328**	**0.1443**		**2,896.7767**	**2,896.7767**	**0.2844**	**0.4449**	**3,036.4716**

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

3.3 Grading - 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					
Fugitive Dust					7.6128	0.0000	7.6128	3.4820	0.0000	3.4820			0.0000			0.0000
Off-Road	2.1317	22.6018	17.4698	0.0383		0.9257	0.9257		0.8516	0.8516		3,712.0753	3,712.0753	1.2006		3,742.0893
Total	**2.1317**	**22.6018**	**17.4698**	**0.0383**	**7.6128**	**0.9257**	**8.5385**	**3.4820**	**0.8516**	**4.3336**		**3,712.0753**	**3,712.0753**	**1.2006**		**3,742.0893**

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	0.0507	0.0324	0.5497	1.7000e-003	0.2012	1.0300e-003	0.2022	0.0534	9.4000e-004	0.0543		171.6051	171.6051	3.7700e-003	3.7100e-003	172.8042
Total	**0.0507**	**0.0324**	**0.5497**	**1.7000e-003**	**0.2012**	**1.0300e-003**	**0.2022**	**0.0534**	**9.4000e-004**	**0.0543**		**171.6051**	**171.6051**	**3.7700e-003**	**3.7100e-003**	**172.8042**

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

3.3 Grading - 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	lb/day										lb/day					
Fugitive Dust					2.9690	0.0000	2.9690	1.3580	0.0000	1.3580			0.0000			0.0000
Off-Road	2.1317	22.6018	17.4698	0.0383		0.9257	0.9257		0.8516	0.8516	0.0000	3,712.0753	3,712.0753	1.2006		3,742.0893
Total	**2.1317**	**22.6018**	**17.4698**	**0.0383**	**2.9690**	**0.9257**	**3.8947**	**1.3580**	**0.8516**	**2.2096**	**0.0000**	**3,712.0753**	**3,712.0753**	**1.2006**		**3,742.0893**

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	0.0507	0.0324	0.5497	1.7000e-003	0.0613	1.0300e-003	0.0623	0.0190	9.4000e-004	0.0200		171.6051	171.6051	3.7700e-003	3.7100e-003	172.8042
Total	**0.0507**	**0.0324**	**0.5497**	**1.7000e-003**	**0.0613**	**1.0300e-003**	**0.0623**	**0.0190**	**9.4000e-004**	**0.0200**		**171.6051**	**171.6051**	**3.7700e-003**	**3.7100e-003**	**172.8042**

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

3.4 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	1.3183	12.9643	14.5661	0.0244		0.6446	0.6446		0.6033	0.6033		2,347.7322	2,347.7322	0.5852		2,362.3625
Total	**1.3183**	**12.9643**	**14.5661**	**0.0244**		**0.6446**	**0.6446**		**0.6033**	**0.6033**		**2,347.7322**	**2,347.7322**	**0.5852**		**2,362.3625**

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	0.0757	2.6285	1.0898	0.0135	0.4796	0.0135	0.4931	0.1380	0.0129	0.1509		1,480.8704	1,480.8704	0.0881	0.2125	1,546.3924
Worker	0.8504	0.5440	9.2225	0.0285	3.3757	0.0172	3.3929	0.8952	0.0158	0.9111		2,879.1523	2,879.1523	0.0633	0.0622	2,899.2696
Total	**0.9262**	**3.1725**	**10.3123**	**0.0420**	**3.8552**	**0.0307**	**3.8859**	**1.0333**	**0.0287**	**1.0620**		**4,360.0227**	**4,360.0227**	**0.1513**	**0.2747**	**4,445.6620**

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

3.4 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	lb/day										lb/day					
Off-Road	1.3183	12.9643	14.5661	0.0244		0.6446	0.6446		0.6033	0.6033	0.0000	2,347.7322	2,347.7322	0.5852		2,362.3624
Total	**1.3183**	**12.9643**	**14.5661**	**0.0244**		**0.6446**	**0.6446**		**0.6033**	**0.6033**	**0.0000**	**2,347.7322**	**2,347.7322**	**0.5852**		**2,362.3624**

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	0.0757	2.6285	1.0898	0.0135	0.2059	0.0135	0.2194	0.0709	0.0129	0.0837		1,480.8704	1,480.8704	0.0881	0.2125	1,546.3924
Worker	0.8504	0.5440	9.2225	0.0285	1.0279	0.0172	1.0451	0.3190	0.0158	0.3348		2,879.1523	2,879.1523	0.0633	0.0622	2,899.2696
Total	**0.9262**	**3.1725**	**10.3123**	**0.0420**	**1.2338**	**0.0307**	**1.2645**	**0.3898**	**0.0287**	**0.4186**		**4,360.0227**	**4,360.0227**	**0.1513**	**0.2747**	**4,445.6620**

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

3.4 Building Construction - 2024

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	1.2357	12.0630	14.5031	0.0244		0.5659	0.5659		0.5294	0.5294		2,348.2212	2,348.2212	0.5832		2,362.8006
Total	**1.2357**	**12.0630**	**14.5031**	**0.0244**		**0.5659**	**0.5659**		**0.5294**	**0.5294**		**2,348.2212**	**2,348.2212**	**0.5832**		**2,362.8006**

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	0.0746	2.6207	1.0817	0.0133	0.4796	0.0141	0.4937	0.1380	0.0135	0.1515		1,457.8977	1,457.8977	0.0890	0.2101	1,522.7248
Worker	0.7991	0.4886	8.5816	0.0276	3.3757	0.0164	3.3920	0.8952	0.0150	0.9103		2,787.7165	2,787.7165	0.0574	0.0582	2,806.4857
Total	**0.8738**	**3.1093**	**9.6633**	**0.0408**	**3.8552**	**0.0305**	**3.8857**	**1.0333**	**0.0285**	**1.0618**		**4,245.6142**	**4,245.6142**	**0.1463**	**0.2683**	**4,329.2106**

0055.0089 Anaheim Ball Project - Orange County, Summer

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

3.4 Building Construction - 2024

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	1.2357	12.0630	14.5031	0.0244		0.5659	0.5659		0.5294	0.5294	0.0000	2,348.2212	2,348.2212	0.5832		2,362.8006
Total	**1.2357**	**12.0630**	**14.5031**	**0.0244**		**0.5659**	**0.5659**		**0.5294**	**0.5294**	**0.0000**	**2,348.2212**	**2,348.2212**	**0.5832**		**2,362.8006**

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	0.0746	2.6207	1.0817	0.0133	0.2059	0.0141	0.2200	0.0708	0.0135	0.0843		1,457.8977	1,457.8977	0.0890	0.2101	1,522.7248
Worker	0.7991	0.4886	8.5816	0.0276	1.0279	0.0164	1.0442	0.3190	0.0150	0.3340		2,787.7165	2,787.7165	0.0574	0.0582	2,806.4857
Total	**0.8738**	**3.1093**	**9.6633**	**0.0408**	**1.2338**	**0.0305**	**1.2642**	**0.3898**	**0.0285**	**0.4184**		**4,245.6142**	**4,245.6142**	**0.1463**	**0.2683**	**4,329.2106**

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

3.5 Architectural Coating - 2024

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	22.7663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**22.9471**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	0.1588	0.0971	1.7050	5.4800e-003	0.6707	3.2500e-003	0.6739	0.1779	2.9900e-003	0.1809		553.8510	553.8510	0.0114	0.0116	557.5800
Total	**0.1588**	**0.0971**	**1.7050**	**5.4800e-003**	**0.6707**	**3.2500e-003**	**0.6739**	**0.1779**	**2.9900e-003**	**0.1809**		**553.8510**	**553.8510**	**0.0114**	**0.0116**	**557.5800**

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

3.5 Architectural Coating - 2024

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	22.7663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**22.9471**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	0.1588	0.0971	1.7050	5.4800e-003	0.2042	3.2500e-003	0.2075	0.0634	2.9900e-003	0.0664		553.8510	553.8510	0.0114	0.0116	557.5800
Total	**0.1588**	**0.0971**	**1.7050**	**5.4800e-003**	**0.2042**	**3.2500e-003**	**0.2075**	**0.0634**	**2.9900e-003**	**0.0664**		**553.8510**	**553.8510**	**0.0114**	**0.0116**	**557.5800**

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

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.5214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5095**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	0.0397	0.0243	0.4262	1.3700e-003	0.1677	8.1000e-004	0.1685	0.0445	7.5000e-004	0.0452		138.4627	138.4627	2.8500e-003	2.8900e-003	139.3950
Total	**0.0397**	**0.0243**	**0.4262**	**1.3700e-003**	**0.1677**	**8.1000e-004**	**0.1685**	**0.0445**	**7.5000e-004**	**0.0452**		**138.4627**	**138.4627**	**2.8500e-003**	**2.8900e-003**	**139.3950**

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

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.5214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5095**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	0.0397	0.0243	0.4262	1.3700e-003	0.0511	8.1000e-004	0.0519	0.0158	7.5000e-004	0.0166		138.4627	138.4627	2.8500e-003	2.8900e-003	139.3950
Total	**0.0397**	**0.0243**	**0.4262**	**1.3700e-003**	**0.0511**	**8.1000e-004**	**0.0519**	**0.0158**	**7.5000e-004**	**0.0166**		**138.4627**	**138.4627**	**2.8500e-003**	**2.8900e-003**	**139.3950**

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	lb/day										lb/day					
Mitigated	7.8491	7.7618	78.3273	0.1883	21.2789	0.1253	21.4042	5.6718	0.1165	5.7883		19,175.4540	19,175.4540	1.1116	0.7498	19,426.6707
Unmitigated	7.8491	7.7618	78.3273	0.1883	21.2789	0.1253	21.4042	5.6718	0.1165	5.7883		19,175.4540	19,175.4540	1.1116	0.7498	19,426.6707

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	1,598.58	1,598.58	1598.58	6,153,065	6,153,065
Fast Food Restaurant w/o Drive Thru	1,200.53	1,200.53	1200.53	3,244,330	3,244,330
High Turnover (Sit Down Restaurant)	218.57	218.57	218.57	701,062	701,062
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,017.68	3,017.68	3,017.68	10,098,457	10,098,457

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

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

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	90	0	10
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Condo/Townhouse High Rise	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Fast Food Restaurant w/o Drive Thru	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
High Turnover (Sit Down Restaurant)	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Other Asphalt Surfaces	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Parking Lot	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Recreational Swimming Pool	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

0055.0089 Anaheim Ball Project - Orange County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
NaturalGas Unmitigated	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736

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
Condo/Townhouse High Rise	7606.18	0.0820	0.7010	0.2983	4.4700e-003		0.0567	0.0567		0.0567	0.0567		894.8446	894.8446	0.0172	0.0164	900.1622
Fast Food Restaurant w/o Drive Thru	1593.68	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
High Turnover (Sit Down Restaurant)	1593.68	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1164**	**1.0134**	**0.5608**	**6.3500e-003**		**0.0804**	**0.0804**		**0.0804**	**0.0804**		**1,269.8277**	**1,269.8277**	**0.0243**	**0.0233**	**1,277.3736**

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
Condo/Townhouse High Rise	7.60618	0.0820	0.7010	0.2983	4.4700e-003		0.0567	0.0567		0.0567	0.0567		894.8446	894.8446	0.0172	0.0164	900.1622
Fast Food Restaurant w/o Drive Thru	1.59368	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
High Turnover (Sit Down Restaurant)	1.59368	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1164**	**1.0134**	**0.5608**	**6.3500e-003**		**0.0804**	**0.0804**		**0.0804**	**0.0804**		**1,269.8277**	**1,269.8277**	**0.0243**	**0.0233**	**1,277.3736**

6.0 Area Detail

6.1 Mitigation Measures Area

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	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Unmitigated	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004

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	0.8732					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9378					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6172	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139		37.0133	37.0133	0.0355		37.9004
Total	**11.4283**	**0.2365**	**20.5344**	**1.0900e-003**		**0.1139**	**0.1139**		**0.1139**	**0.1139**	**0.0000**	**37.0133**	**37.0133**	**0.0355**	**0.0000**	**37.9004**

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	0.8732					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9378					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6172	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139		37.0133	37.0133	0.0355		37.9004
Total	**11.4283**	**0.2365**	**20.5344**	**1.0900e-003**		**0.1139**	**0.1139**		**0.1139**	**0.1139**	**0.0000**	**37.0133**	**37.0133**	**0.0355**	**0.0000**	**37.9004**

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

0055.0089 Anaheim Ball Project - Orange County, Winter

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

0055.0089 Anaheim Ball Project

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.11	Acre	3.11	135,471.60	0
Parking Lot	97.00	Space	0.87	38,800.00	0
City Park	2.59	Acre	2.59	112,820.40	0
Fast Food Restaurant w/o Drive Thru	2.25	1000sqft	0.05	2,250.00	0
High Turnover (Sit Down Restaurant)	2.25	1000sqft	0.05	2,250.00	0
Recreational Swimming Pool	1.25	1000sqft	0.26	1,250.00	0
Condo/Townhouse High Rise	249.00	Dwelling Unit	3.75	492,000.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2025
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1543.28	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Note A

Land Use - See Note B

Construction Phase - See Note C

Off-road Equipment -

Off-road Equipment - See Note D

Off-road Equipment - See Note D

0055.0089 Anaheim Ball Project - Orange County, Winter

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

Off-road Equipment -

Trips and VMT - See Note G

Demolition - See Note F

Grading - See Note E

Vehicle Trips - See Note H

Woodstoves - See Note I

Construction Off-road Equipment Mitigation - See Note J

Energy Mitigation - See Note K

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	80
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	140.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00
tblFireplaces	NumberWood	12.45	0.00
tblLandUse	LandUseSquareFeet	249,000.00	492,000.00
tblLandUse	LotAcreage	0.03	0.26
tblLandUse	LotAcreage	3.89	3.75
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblVehicleTrips	DV_TP	11.00	0.00

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

tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	10.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	51.00	90.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	4.91	6.42
tblVehicleTrips	ST_TR	696.00	533.57
tblVehicleTrips	ST_TR	122.40	97.14
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	4.09	6.42
tblVehicleTrips	SU_TR	500.00	533.57
tblVehicleTrips	SU_TR	142.64	97.14
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	5.44	6.42
tblVehicleTrips	WD_TR	346.23	533.57
tblVehicleTrips	WD_TR	112.18	97.14
tblVehicleTrips	WD_TR	28.82	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

0055.0089 Anaheim Ball Project - Orange County, 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					
2023	2.3832	26.5688	24.2820	0.0650	7.8140	1.0319	8.7407	3.5354	0.9609	4.3879	0.0000	6,638.1926	6,638.1926	1.3337	0.4453	6,804.2426
2024	26.8582	26.2138	42.0455	0.0962	4.6935	1.1299	5.8234	1.2556	1.0538	2.3093	0.0000	9,611.2330	9,611.2330	1.4752	0.2878	9,733.8732
Maximum	**26.8582**	**26.5688**	**42.0455**	**0.0962**	**7.8140**	**1.1299**	**8.7407**	**3.5354**	**1.0538**	**4.3879**	**0.0000**	**9,611.2330**	**9,611.2330**	**1.4752**	**0.4453**	**9,733.8732**

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					
2023	2.3832	26.5688	24.2820	0.0650	3.0303	1.0319	3.9570	1.3770	0.9609	2.2296	0.0000	6,638.1926	6,638.1926	1.3337	0.4453	6,804.2426
2024	26.8582	26.2138	42.0455	0.0962	1.4891	1.1299	2.6189	0.4690	1.0538	1.5228	0.0000	9,611.2330	9,611.2330	1.4752	0.2878	9,733.8732
Maximum	**26.8582**	**26.5688**	**42.0455**	**0.0962**	**3.0303**	**1.1299**	**3.9570**	**1.3770**	**1.0538**	**2.2296**	**0.0000**	**9,611.2330**	**9,611.2330**	**1.4752**	**0.4453**	**9,733.8732**

0055.0089 Anaheim Ball Project - Orange County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	63.87	0.00	54.85	61.47	0.00	43.97	0.00	0.00	0.00	0.00	0.00	0.00

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Energy	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
Mobile	7.7924	8.3332	77.5446	0.1811	21.2789	0.1254	21.4042	5.6718	0.1166	5.7884		18,450.1716	18,450.1716	1.1463	0.7803	18,711.3665
Total	**19.3371**	**9.5832**	**98.6398**	**0.1885**	**21.2789**	**0.3197**	**21.5986**	**5.6718**	**0.3109**	**5.9827**	**0.0000**	**19,757.0126**	**19,757.0126**	**1.2062**	**0.8036**	**20,026.6405**

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	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Energy	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
Mobile	7.7924	8.3332	77.5446	0.1811	21.2789	0.1254	21.4042	5.6718	0.1166	5.7884		18,450.1716	18,450.1716	1.1463	0.7803	18,711.3665
Total	**19.3371**	**9.5832**	**98.6398**	**0.1885**	**21.2789**	**0.3197**	**21.5986**	**5.6718**	**0.3109**	**5.9827**	**0.0000**	**19,757.0126**	**19,757.0126**	**1.2062**	**0.8036**	**20,026.6405**

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	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/13/2023	4/21/2023	5	30	
2	Grading	Grading	4/22/2023	6/2/2023	5	30	
3	Building Construction	Building Construction	6/3/2023	12/13/2024	5	400	
4	Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140	
5	Paving	Paving	7/27/2024	8/23/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 45

Acres of Paving: 3.98

Residential Indoor: 996,300; Residential Outdoor: 332,100; Non-Residential Indoor: 9,750; Non-Residential Outdoor: 3,250; Striped Parking Area: 10,456 (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
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40

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

Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	659.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	302.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	60.00	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

Clean Paved Roads

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

3.2 Demolition - 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					
Fugitive Dust					4.7570	0.0000	4.7570	0.7203	0.0000	0.7203			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**4.7570**	**0.9975**	**5.7545**	**0.7203**	**0.9280**	**1.6482**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

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	0.0680	5.0548	1.5105	0.0242	0.7657	0.0335	0.7993	0.2097	0.0321	0.2417		2,755.0413	2,755.0413	0.2811	0.4420	2,893.7971
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	0.0462	0.0297	0.4267	1.3500e-003	0.1677	8.5000e-004	0.1685	0.0445	7.9000e-004	0.0453		136.1673	136.1673	3.2200e-003	3.2900e-003	137.2272
Total	**0.1141**	**5.0844**	**1.9372**	**0.0255**	**0.9334**	**0.0344**	**0.9678**	**0.2541**	**0.0329**	**0.2870**		**2,891.2086**	**2,891.2086**	**0.2844**	**0.4453**	**3,031.0243**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					1.8552	0.0000	1.8552	0.2809	0.0000	0.2809			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**1.8552**	**0.9975**	**2.8528**	**0.2809**	**0.9280**	**1.2089**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

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	0.0680	5.0548	1.5105	0.0242	0.3011	0.0335	0.3346	0.0956	0.0321	0.1277		2,755.0413	2,755.0413	0.2811	0.4420	2,893.7971
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	0.0462	0.0297	0.4267	1.3500e-003	0.0511	8.5000e-004	0.0519	0.0158	7.9000e-004	0.0166		136.1673	136.1673	3.2200e-003	3.2900e-003	137.2272
Total	**0.1141**	**5.0844**	**1.9372**	**0.0255**	**0.3521**	**0.0344**	**0.3865**	**0.1114**	**0.0329**	**0.1443**		**2,891.2086**	**2,891.2086**	**0.2844**	**0.4453**	**3,031.0243**

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

3.3 Grading - 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					
Fugitive Dust					7.6128	0.0000	7.6128	3.4820	0.0000	3.4820			0.0000			0.0000
Off-Road	2.1317	22.6018	17.4698	0.0383		0.9257	0.9257		0.8516	0.8516		3,712.0753	3,712.0753	1.2006		3,742.0893
Total	**2.1317**	**22.6018**	**17.4698**	**0.0383**	**7.6128**	**0.9257**	**8.5385**	**3.4820**	**0.8516**	**4.3336**		**3,712.0753**	**3,712.0753**	**1.2006**		**3,742.0893**

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	0.0554	0.0356	0.5121	1.6200e-003	0.2012	1.0300e-003	0.2022	0.0534	9.4000e-004	0.0543		163.4007	163.4007	3.8600e-003	3.9400e-003	164.6727
Total	**0.0554**	**0.0356**	**0.5121**	**1.6200e-003**	**0.2012**	**1.0300e-003**	**0.2022**	**0.0534**	**9.4000e-004**	**0.0543**		**163.4007**	**163.4007**	**3.8600e-003**	**3.9400e-003**	**164.6727**

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

3.3 Grading - 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	lb/day										lb/day					
Fugitive Dust					2.9690	0.0000	2.9690	1.3580	0.0000	1.3580			0.0000			0.0000
Off-Road	2.1317	22.6018	17.4698	0.0383		0.9257	0.9257		0.8516	0.8516	0.0000	3,712.0753	3,712.0753	1.2006		3,742.0893
Total	**2.1317**	**22.6018**	**17.4698**	**0.0383**	**2.9690**	**0.9257**	**3.8947**	**1.3580**	**0.8516**	**2.2096**	**0.0000**	**3,712.0753**	**3,712.0753**	**1.2006**		**3,742.0893**

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	0.0554	0.0356	0.5121	1.6200e-003	0.0613	1.0300e-003	0.0623	0.0190	9.4000e-004	0.0200		163.4007	163.4007	3.8600e-003	3.9400e-003	164.6727
Total	**0.0554**	**0.0356**	**0.5121**	**1.6200e-003**	**0.0613**	**1.0300e-003**	**0.0623**	**0.0190**	**9.4000e-004**	**0.0200**		**163.4007**	**163.4007**	**3.8600e-003**	**3.9400e-003**	**164.6727**

0055.0089 Anaheim Ball Project - Orange County, Winter

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

3.4 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	1.3183	12.9643	14.5661	0.0244		0.6446	0.6446		0.6033	0.6033		2,347.7322	2,347.7322	0.5852		2,362.3625
Total	**1.3183**	**12.9643**	**14.5661**	**0.0244**		**0.6446**	**0.6446**		**0.6033**	**0.6033**		**2,347.7322**	**2,347.7322**	**0.5852**		**2,362.3625**

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	0.0731	2.7456	1.1246	0.0135	0.4796	0.0136	0.4931	0.1380	0.0130	0.1510		1,483.0484	1,483.0484	0.0878	0.2130	1,548.7085
Worker	0.9294	0.5974	8.5913	0.0271	3.3757	0.0172	3.3929	0.8952	0.0158	0.9111		2,741.5013	2,741.5013	0.0648	0.0662	2,762.8417
Total	**1.0025**	**3.3430**	**9.7159**	**0.0406**	**3.8552**	**0.0308**	**3.8860**	**1.0333**	**0.0288**	**1.0621**		**4,224.5498**	**4,224.5498**	**0.1526**	**0.2792**	**4,311.5502**

0055.0089 Anaheim Ball Project - Orange County, Winter

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

3.4 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	lb/day										lb/day					
Off-Road	1.3183	12.9643	14.5661	0.0244		0.6446	0.6446		0.6033	0.6033	0.0000	2,347.7322	2,347.7322	0.5852		2,362.3624
Total	**1.3183**	**12.9643**	**14.5661**	**0.0244**		**0.6446**	**0.6446**		**0.6033**	**0.6033**	**0.0000**	**2,347.7322**	**2,347.7322**	**0.5852**		**2,362.3624**

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	0.0731	2.7456	1.1246	0.0135	0.2059	0.0136	0.2195	0.0709	0.0130	0.0838		1,483.0484	1,483.0484	0.0878	0.2130	1,548.7085
Worker	0.9294	0.5974	8.5913	0.0271	1.0279	0.0172	1.0451	0.3190	0.0158	0.3348		2,741.5013	2,741.5013	0.0648	0.0662	2,762.8417
Total	**1.0025**	**3.3430**	**9.7159**	**0.0406**	**1.2338**	**0.0308**	**1.2646**	**0.3898**	**0.0288**	**0.4186**		**4,224.5498**	**4,224.5498**	**0.1526**	**0.2792**	**4,311.5502**

0055.0089 Anaheim Ball Project - Orange County, Winter

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

3.4 Building Construction - 2024

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	1.2357	12.0630	14.5031	0.0244		0.5659	0.5659		0.5294	0.5294		2,348.2212	2,348.2212	0.5832		2,362.8006
Total	**1.2357**	**12.0630**	**14.5031**	**0.0244**		**0.5659**	**0.5659**		**0.5294**	**0.5294**		**2,348.2212**	**2,348.2212**	**0.5832**		**2,362.8006**

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	0.0720	2.7378	1.1157	0.0133	0.4796	0.0142	0.4938	0.1380	0.0136	0.1516		1,460.0949	1,460.0949	0.0888	0.2106	1,525.0572
Worker	0.8763	0.5364	8.0032	0.0263	3.3757	0.0164	3.3920	0.8952	0.0150	0.9103		2,654.6535	2,654.6535	0.0588	0.0619	2,674.5624
Total	**0.9483**	**3.2742**	**9.1189**	**0.0395**	**3.8552**	**0.0305**	**3.8857**	**1.0333**	**0.0286**	**1.0619**		**4,114.7484**	**4,114.7484**	**0.1476**	**0.2724**	**4,199.6195**

0055.0089 Anaheim Ball Project - Orange County, Winter

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

3.4 Building Construction - 2024

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	1.2357	12.0630	14.5031	0.0244		0.5659	0.5659		0.5294	0.5294	0.0000	2,348.2212	2,348.2212	0.5832		2,362.8006
Total	**1.2357**	**12.0630**	**14.5031**	**0.0244**		**0.5659**	**0.5659**		**0.5294**	**0.5294**	**0.0000**	**2,348.2212**	**2,348.2212**	**0.5832**		**2,362.8006**

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	0.0720	2.7378	1.1157	0.0133	0.2059	0.0142	0.2201	0.0708	0.0136	0.0844		1,460.0949	1,460.0949	0.0888	0.2106	1,525.0572
Worker	0.8763	0.5364	8.0032	0.0263	1.0279	0.0164	1.0442	0.3190	0.0150	0.3340		2,654.6535	2,654.6535	0.0588	0.0619	2,674.5624
Total	**0.9483**	**3.2742**	**9.1189**	**0.0395**	**1.2338**	**0.0305**	**1.2643**	**0.3898**	**0.0286**	**0.4184**		**4,114.7484**	**4,114.7484**	**0.1476**	**0.2724**	**4,199.6195**

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

3.5 Architectural Coating - 2024

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	22.7663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**22.9471**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	0.1741	0.1066	1.5900	5.2200e-003	0.6707	3.2500e-003	0.6739	0.1779	2.9900e-003	0.1809		527.4146	527.4146	0.0117	0.0123	531.3700
Total	**0.1741**	**0.1066**	**1.5900**	**5.2200e-003**	**0.6707**	**3.2500e-003**	**0.6739**	**0.1779**	**2.9900e-003**	**0.1809**		**527.4146**	**527.4146**	**0.0117**	**0.0123**	**531.3700**

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

3.5 Architectural Coating - 2024

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	22.7663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**22.9471**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	0.1741	0.1066	1.5900	5.2200e-003	0.2042	3.2500e-003	0.2075	0.0634	2.9900e-003	0.0664		527.4146	527.4146	0.0117	0.0123	531.3700
Total	**0.1741**	**0.1066**	**1.5900**	**5.2200e-003**	**0.2042**	**3.2500e-003**	**0.2075**	**0.0634**	**2.9900e-003**	**0.0664**		**527.4146**	**527.4146**	**0.0117**	**0.0123**	**531.3700**

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

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.5214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5095**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	0.0435	0.0266	0.3975	1.3000e-003	0.1677	8.1000e-004	0.1685	0.0445	7.5000e-004	0.0452		131.8537	131.8537	2.9200e-003	3.0700e-003	132.8425
Total	**0.0435**	**0.0266**	**0.3975**	**1.3000e-003**	**0.1677**	**8.1000e-004**	**0.1685**	**0.0445**	**7.5000e-004**	**0.0452**		**131.8537**	**131.8537**	**2.9200e-003**	**3.0700e-003**	**132.8425**

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

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.5214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5095**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	0.0435	0.0266	0.3975	1.3000e-003	0.0511	8.1000e-004	0.0519	0.0158	7.5000e-004	0.0166		131.8537	131.8537	2.9200e-003	3.0700e-003	132.8425
Total	**0.0435**	**0.0266**	**0.3975**	**1.3000e-003**	**0.0511**	**8.1000e-004**	**0.0519**	**0.0158**	**7.5000e-004**	**0.0166**		**131.8537**	**131.8537**	**2.9200e-003**	**3.0700e-003**	**132.8425**

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	lb/day										lb/day					
Mitigated	7.7924	8.3332	77.5446	0.1811	21.2789	0.1254	21.4042	5.6718	0.1166	5.7884		18,450.1716	18,450.1716	1.1463	0.7803	18,711.3665
Unmitigated	7.7924	8.3332	77.5446	0.1811	21.2789	0.1254	21.4042	5.6718	0.1166	5.7884		18,450.1716	18,450.1716	1.1463	0.7803	18,711.3665

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	1,598.58	1,598.58	1598.58	6,153,065	6,153,065
Fast Food Restaurant w/o Drive Thru	1,200.53	1,200.53	1200.53	3,244,330	3,244,330
High Turnover (Sit Down Restaurant)	218.57	218.57	218.57	701,062	701,062
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,017.68	3,017.68	3,017.68	10,098,457	10,098,457

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

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

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	90	0	10
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Condo/Townhouse High Rise	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Fast Food Restaurant w/o Drive Thru	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
High Turnover (Sit Down Restaurant)	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Other Asphalt Surfaces	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Parking Lot	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Recreational Swimming Pool	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736
NaturalGas Unmitigated	0.1164	1.0135	0.5608	6.3500e-003		0.0804	0.0804		0.0804	0.0804		1,269.8277	1,269.8277	0.0243	0.0233	1,277.3736

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
Condo/Townhouse High Rise	7606.18	0.0820	0.7010	0.2983	4.4700e-003		0.0567	0.0567		0.0567	0.0567		894.8446	894.8446	0.0172	0.0164	900.1622
Fast Food Restaurant w/o Drive Thru	1593.68	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
High Turnover (Sit Down Restaurant)	1593.68	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1164**	**1.0134**	**0.5608**	**6.3500e-003**		**0.0804**	**0.0804**		**0.0804**	**0.0804**		**1,269.8277**	**1,269.8277**	**0.0243**	**0.0233**	**1,277.3736**

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
Condo/Townhouse High Rise	7.60618	0.0820	0.7010	0.2983	4.4700e-003		0.0567	0.0567		0.0567	0.0567		894.8446	894.8446	0.0172	0.0164	900.1622
Fast Food Restaurant w/o Drive Thru	1.59368	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
High Turnover (Sit Down Restaurant)	1.59368	0.0172	0.1562	0.1312	9.4000e-004		0.0119	0.0119		0.0119	0.0119		187.4915	187.4915	3.5900e-003	3.4400e-003	188.6057
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1164**	**1.0134**	**0.5608**	**6.3500e-003**		**0.0804**	**0.0804**		**0.0804**	**0.0804**		**1,269.8277**	**1,269.8277**	**0.0243**	**0.0233**	**1,277.3736**

6.0 Area Detail

6.1 Mitigation Measures Area

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	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004
Unmitigated	11.4283	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139	0.0000	37.0133	37.0133	0.0355	0.0000	37.9004

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	0.8732					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9378					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6172	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139		37.0133	37.0133	0.0355		37.9004
Total	**11.4283**	**0.2365**	**20.5344**	**1.0900e-003**		**0.1139**	**0.1139**		**0.1139**	**0.1139**	**0.0000**	**37.0133**	**37.0133**	**0.0355**	**0.0000**	**37.9004**

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	0.8732					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	9.9378					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6172	0.2365	20.5344	1.0900e-003		0.1139	0.1139		0.1139	0.1139		37.0133	37.0133	0.0355		37.9004
Total	**11.4283**	**0.2365**	**20.5344**	**1.0900e-003**		**0.1139**	**0.1139**		**0.1139**	**0.1139**	**0.0000**	**37.0133**	**37.0133**	**0.0355**	**0.0000**	**37.9004**

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Automobile Care Center	4.50	1000sqft	0.10	4,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2023
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1543.28	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Note L

Land Use - See Note M

Construction Phase - See Note N

Off-road Equipment - See Note N

Vehicle Trips - See Note O

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	PhaseEndDate	3/24/2023	3/13/2023
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

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

tblVehicleTrips	DV_TP	51.00	0.00
tblVehicleTrips	PB_TP	28.00	0.00
tblVehicleTrips	PR_TP	21.00	100.00
tblVehicleTrips	ST_TR	23.72	27.06
tblVehicleTrips	SU_TR	11.88	27.06
tblVehicleTrips	WD_TR	23.72	27.06

2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

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

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

		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0184	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Energy	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	31.0365	31.0365	5.9000e-004	1.9000e-004	31.1085
Mobile	0.0653	0.0790	0.7108	1.6800e-003	0.1807	1.1500e-003	0.1818	0.0482	1.0600e-003	0.0493	0.0000	155.0925	155.0925	9.1100e-003	6.3600e-003	157.2167
Waste						0.0000	0.0000		0.0000	0.0000	3.4894	0.0000	3.4894	0.2062	0.0000	8.6449
Water						0.0000	0.0000		0.0000	0.0000	0.1343	5.8770	6.0113	0.0139	3.5000e-004	6.4628
Total	**0.0842**	**0.0836**	**0.7147**	**1.7100e-003**	**0.1807**	**1.5000e-003**	**0.1822**	**0.0482**	**1.4100e-003**	**0.0496**	**3.6237**	**192.0061**	**195.6298**	**0.2298**	**6.9000e-003**	**203.4331**

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	0.0184	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Energy	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	31.0365	31.0365	5.9000e-004	1.9000e-004	31.1085
Mobile	0.0653	0.0790	0.7108	1.6800e-003	0.1807	1.1500e-003	0.1818	0.0482	1.0600e-003	0.0493	0.0000	155.0925	155.0925	9.1100e-003	6.3600e-003	157.2167
Waste						0.0000	0.0000		0.0000	0.0000	3.4894	0.0000	3.4894	0.2062	0.0000	8.6449
Water						0.0000	0.0000		0.0000	0.0000	0.1343	5.8770	6.0113	0.0139	3.5000e-004	6.4628
Total	**0.0842**	**0.0836**	**0.7147**	**1.7100e-003**	**0.1807**	**1.5000e-003**	**0.1822**	**0.0482**	**1.4100e-003**	**0.0496**	**3.6237**	**192.0061**	**195.6298**	**0.2298**	**6.9000e-003**	**203.4331**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/13/2023	3/13/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

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

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	6.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

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

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

3.2 Demolition - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

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

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	0.0653	0.0790	0.7108	1.6800e-003	0.1807	1.1500e-003	0.1818	0.0482	1.0600e-003	0.0493	0.0000	155.0925	155.0925	9.1100e-003	6.3600e-003	157.2167
Unmitigated	0.0653	0.0790	0.7108	1.6800e-003	0.1807	1.1500e-003	0.1818	0.0482	1.0600e-003	0.0493	0.0000	155.0925	155.0925	9.1100e-003	6.3600e-003	157.2167

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	121.77	121.77	121.77	479,633	479,633
Total	121.77	121.77	121.77	479,633	479,633

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Automobile Care Center	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.544795	0.058861	0.186903	0.129401	0.024381	0.006522	0.014242	0.004855	0.000656	0.000385	0.024332	0.000723	0.003942

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

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	26.0513	26.0513	4.9000e-004	1.0000e-004	26.0937
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	26.0513	26.0513	4.9000e-004	1.0000e-004	26.0937
NaturalGas Mitigated	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	4.9853	4.9853	1.0000e-004	9.0000e-005	5.0149
NaturalGas Unmitigated	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	4.9853	4.9853	1.0000e-004	9.0000e-005	5.0149

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					
Automobile Care Center	93420	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	4.9853	4.9853	1.0000e-004	9.0000e-005	5.0149
Total		**5.0000e-004**	**4.5800e-003**	**3.8500e-003**	**3.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**4.9853**	**4.9853**	**1.0000e-004**	**9.0000e-005**	**5.0149**

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					
Automobile Care Center	93420	5.0000e-004	4.5800e-003	3.8500e-003	3.0000e-005		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	4.9853	4.9853	1.0000e-004	9.0000e-005	5.0149
Total		**5.0000e-004**	**4.5800e-003**	**3.8500e-003**	**3.0000e-005**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**4.9853**	**4.9853**	**1.0000e-004**	**9.0000e-005**	**5.0149**

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			
Automobile Care Center	37215	26.0513	4.9000e-004	1.0000e-004	26.0937
Total		**26.0513**	**4.9000e-004**	**1.0000e-004**	**26.0937**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	37215	26.0513	4.9000e-004	1.0000e-004	26.0937
Total		**26.0513**	**4.9000e-004**	**1.0000e-004**	**26.0937**

6.0 Area Detail

6.1 Mitigation Measures Area

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	0.0184	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Unmitigated	0.0184	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004

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	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Total	**0.0184**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

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	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	6.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-004	1.1000e-004	0.0000	0.0000	1.2000e-004
Total	**0.0184**	**0.0000**	**6.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.0000**	**1.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.0113	0.0139	3.5000e-004	6.4628
Unmitigated	6.0113	0.0139	3.5000e-004	6.4628

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	0.423365 / 0.259482	6.0113	0.0139	3.5000e-004	6.4628
Total		**6.0113**	**0.0139**	**3.5000e-004**	**6.4628**

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			
Automobile Care Center	0.423365 / 0.259482	6.0113	0.0139	3.5000e-004	6.4628
Total		**6.0113**	**0.0139**	**3.5000e-004**	**6.4628**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.4894	0.2062	0.0000	8.6449
Unmitigated	3.4894	0.2062	0.0000	8.6449

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			
Automobile Care Center	17.19	3.4894	0.2062	0.0000	8.6449
Total		**3.4894**	**0.2062**	**0.0000**	**8.6449**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	17.19	3.4894	0.2062	0.0000	8.6449
Total		**3.4894**	**0.2062**	**0.0000**	**8.6449**

9.0 Operational Offroad

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

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Anaheim Ball Mixed Use Project —Energy Consumption Summary

Summary of Energy Use During Construction				
Construction vehicle fuel	83,133	gallons (gasoline, diesel)		
Construction equipment fuel	57,205	gallons (diesel)		
Construction office trailer electricity	14,077	kilowatt hours		
Summary of Energy Use During Proposed Operations		(Annually)		
Operational vehicle fuel consumption	346,269	gallons (gasoline, diesel)	10,098,457	VMT
Operational natural gas consumption	3,939,644	kilo-British Thermal Units		
Operational electricity consumption	748,369	kilowatt hours		

Construction Vehicle Fuel Calculations

California Air Resource Board (ARB). 2021. EMFAC2017 Web Database. Website: https://arb.ca.gov/emfac/2017/. Accessed June 16, 2021.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: ORANGE
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

VMT = Vehicle Miles Traveled
FE = Fuel Economy

							Calculations			
VehClass	MdlYr	Speed	Fuel	Population	VMT (mi/day)	Fuel Consumption (1000	FE (mi/gallon)	VMT*FE		
HHDT	Aggregated	Aggregated	GAS	9.811189686	1169.8638	0.260101575	4.49771899	5261.71861	HHDT	TRUE
HHDT	Aggregated	Aggregated	DSL	11158.81713	1278104.53	178.4994027	7.16027343	9151577.91	HHDT	TRUE
LDA	Aggregated	Aggregated	GAS	1317264.299	49965793.6	1530.774164	32.6408655	1630926751	LDA	TRUE
LDA	Aggregated	Aggregated	DSL	13431.01148	521944.854	10.21006873	51.1206014	26682134.9	LDA	TRUE
LDT1	Aggregated	Aggregated	GAS	145926.018	5324604.48	190.3875858	27.9671831	148914189	LDT1	TRUE
LDT1	Aggregated	Aggregated	DSL	46.29888067	970.240791	0.037881245	25.6126952	24850.4817	LDT1	TRUE
LDT2	Aggregated	Aggregated	GAS	459128.0523	16860833.8	647.1457437	26.0541523	439294731	LDT2	TRUE
LDT2	Aggregated	Aggregated	DSL	3171.575849	131714.368	3.538230746	37.2260539	4903206.18	LDT2	TRUE
LHDT1	Aggregated	Aggregated	GAS	35833.39433	1293610.75	120.02561	10.7777894	13942264.2	LHDT1	TRUE
LHDT1	Aggregated	Aggregated	DSL	25197.20917	1009903.32	46.0310456	21.9396129	22156887.9	LHDT1	TRUE
LHDT2	Aggregated	Aggregated	GAS	6427.170235	222129.826	23.73696478	9.35797092	2078684.45	LHDT2	TRUE
LHDT2	Aggregated	Aggregated	DSL	9897.553217	388074.432	19.61347913	19.7861088	7678482.95	LHDT2	TRUE
MHDT	Aggregated	Aggregated	GAS	7500.789376	377898.997	73.54713884	5.1381876	1941715.94	MHDT	TRUE
MHDT	Aggregated	Aggregated	DSL	28148.20967	1903587.92	167.5190487	11.3634117	21631253.2	MHDT	TRUE

Worker
Sum of VMT*FE (Column BI) 2250745862
Total VMT 72805861.4
Weighted Average FE 30.9143498

Vendor
Sum of VMT*FE (Column BI) 78586128.3
Total VMT 6606194.01
Weighted Average FE 11.8958251

Haul
Sum of VMT*FE (Column BI) 9156839.63
Total VMT 1279274.39
Weighted Average FE 7.15783859

Construction Parameters

Source: AQ/GHG Appendix, CalEEMod Output
Anaheim Ball Project - Orange County, Annual
Date: 6/20/2022 10:06 AM

Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
Demolition	Demolition	3/13/2023	4/21/2023	5	30
Grading	Grading	4/22/2023	6/2/2023	5	30
Building Construction	Building Construction	6/3/2023	12/13/2024	5	400
Paving	Paving	7/27/2024	8/23/2024	5	20
Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140

Construction Trips and VMT

	Trips per Day		Total Trips	Construction Trip Length in Miles				Trips per Phase			VMT per Phase			Fuel Consumption (gallons)		
Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Number of Days per Phase	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trips	Vendor Trips	Hauling Trips	Worker Trips	Vendor Trips	Hauling Trips
Demolition	15	0	659	14.7	6.9	40	30	450	0	659	6,615	0	26,360	214	0	3,683
Grading	18	0	0	14.7	6.9	20	30	540	0	0	7,938	0	0	257	0	0
Building Construction	302	75	0	14.7	6.9	20	400	120,800	30,000	0	1,775,760	207,000	0	57,441	17,401	0
Paving	15	0	0	14.7	6.9	20	20	300	0	0	4,410	0	0	143	0	0
Architectural Coating	60	0	0	14.7	6.9	20	140	8,400	0	0	123,480	0	0	3,994	0	0

Total Project Construction VMT (miles)
2,151,563

Total Project Fuel Consumption (gallons)
83,133

Construction Equipment Fuel Calculation
Source: AQ/GHG Appendix, CalEEMod Output
Anaheim Ball Project - Orange County, Annual
Date: 6/20/2022 10:06 AM

Construction Schedule

CalEEMod Run	Phase Type	Start Date	End Date	Num Days Week	Num Days
Demolition	Demolition	3/13/2023	4/21/2023	5	30
Grading	Grading	4/22/2023	6/2/2023	5	30
Building Construction	Building Construction	6/3/2023	12/13/2024	5	400
Paving	Paving	7/27/2024	8/23/2024	5	20
Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140

Construction Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Number of Days	HP Hours	Diesel Fuel Usage
Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14191.2	709.56
Demolition	Excavators	3	8	158	0.38	30	43228.8	2,161.44
Demolition	Rubber Tired Dozers	2	8	247	0.4	30	47424	2,371.20
Grading	Excavators	2	8	158	0.38	30	28819.2	1,440.96
Grading	Graders	2	8	187	0.41	30	36801.6	1,840.08
Grading	Rubber Tired Dozers	1	8	247	0.4	30	23712	1,185.60
Grading	Scrapers	0	8	367	0.48	30	0	0.00
Grading	Tractors/Loaders/Backhoes	2	8	97	0.37	30	17227.2	861.36
Building Construction	Cranes	1	7	231	0.29	400	187572	9,378.60
Building Construction	Forklifts	3	8	89	0.2	400	170880	8,544.00
Building Construction	Generator Sets	1	8	84	0.74	400	198912	9,945.60
Building Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	400	301476	15,073.80
Building Construction	Welders	0	8	46	0.45	400	0	0.00
Paving	Pavers	2	8	130	0.42	20	17472	873.60
Paving	Paving Equipment	2	8	132	0.36	20	15206.4	760.32
Paving	Rollers	2	8	80	0.38	20	9728	486.40
Architectural Coating	Air Compressors	1	6	78	0.48	140	31449.6	1,572.48

Total Construction Equipment Fuel Consumption (gallons) **57,205.00**

Construction Office Electricity Calculation

Source: AQ/GHG Appendix, CalEEMod Output

Anaheim Ball Project Construction Trailer - Orange County, Annual

Date: 6/17/2022 10:52 AM

kWh/yr = kilowatt hours per year

Energy by Land Use - Electricity

Annual	9,713	kWh/yr
Total Over Construction	**14,077**	**kWh**

Total Construction Schedule

Start	3/13/2023
End	8/23/2024
Total Calendar Days	529
Years	1.45

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	9712.8	6.7992	1.3000e-004	3.0000e-005	6.8105
Total		6.7992	1.3000e-004	3.0000e-005	6.8105

Project Operational Fuel Calculation

California Air Resource Board (ARB). 2021. EMFAC2017 Web Database. Website: https://arb.ca.gov/emfac/2017/. Accessed November 3, 2021.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: ORANGE
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption. Note 'day' in the unit is operation day.

VMT = Vehicle Miles Traveled
FE = Fuel Economy

Given							*Calculations*			
VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel Consumption	FE	VMT*FE		
HHDT	Aggregated	Aggregated	GAS	10.12464296	1269.902073	0.276397571	4.594476245	5834.534906	HHDT	TRUE
HHDT	Aggregated	Aggregated	DSL	11429.28565	1306102.563	179.7478781	7.266303095	9490537.094	HHDT	TRUE
LDA	Aggregated	Aggregated	GAS	1337490.995	50207250.91	1496.363092	33.55285304	1684596511	LDA	TRUE
LDA	Aggregated	Aggregated	DSL	14052.74116	540279.7011	10.29037482	52.50340346	28366523.13	LDA	TRUE
LDT1	Aggregated	Aggregated	GAS	149731.2088	5404033.518	188.4996059	28.66867276	154926468.5	LDT1	TRUE
LDT1	Aggregated	Aggregated	DSL	44.08303123	944.9735888	0.036101695	26.17532484	24734.99066	LDT1	TRUE
LDT2	Aggregated	Aggregated	GAS	462837.1411	16818805.72	624.4348212	26.9344456	453005207.9	LDT2	TRUE
LDT2	Aggregated	Aggregated	DSL	3391.132854	137673.4842	3.595286368	38.29277284	5271899.457	LDT2	TRUE
LHDT1	Aggregated	Aggregated	GAS	35500.27712	1269667.479	116.8354543	10.86714205	13797656.86	LHDT1	TRUE
LHDT1	Aggregated	Aggregated	DSL	26315.39616	1038905.117	46.75749537	22.219007	23083440.07	LHDT1	TRUE
LHDT2	Aggregated	Aggregated	GAS	6420.174666	219449.6556	23.27317245	9.429297016	2069255.982	LHDT2	TRUE
LHDT2	Aggregated	Aggregated	DSL	10385.10939	400280.4391	19.95846307	20.05567451	8027894.199	LHDT2	TRUE
MCY	Aggregated	Aggregated	GAS	62471.01534	431035.3333	11.62453692	37.07978529	15982697.61	MCY	TRUE
MDV	Aggregated	Aggregated	GAS	313457.4392	10907785.12	502.7461045	21.69640902	236659767.5	MDV	TRUE
MDV	Aggregated	Aggregated	DSL	7889.854795	304989.8796	10.49400836	29.06323964	8863993.96	MDV	TRUE
MH	Aggregated	Aggregated	GAS	6712.679833	63982.30387	11.9599545	5.349711313	342286.8549	MH	TRUE
MH	Aggregated	Aggregated	DSL	3130.727871	28597.15485	2.668408183	10.71693417	306473.8261	MH	TRUE
MHDT	Aggregated	Aggregated	GAS	7456.463322	364690.4142	70.50895005	5.172257053	1886272.567	MHDT	TRUE
MHDT	Aggregated	Aggregated	DSL	29435.84207	1944223.33	168.6880882	11.52555199	22408247.07	MHDT	TRUE
OBUS	Aggregated	Aggregated	GAS	1021.888238	43427.56638	8.2094807	5.289928556	229728.7235	OBUS	TRUE
OBUS	Aggregated	Aggregated	DSL	650.7090352	49907.5233	5.559759136	8.976562128	447997.9835	OBUS	TRUE
SBUS	Aggregated	Aggregated	GAS	584.491221	23797.35365	2.548887643	9.336368248	222180.857	SBUS	TRUE
SBUS	Aggregated	Aggregated	DSL	1229.046344	38613.77331	5.039661909	7.661976936	295857.8405	SBUS	TRUE
UBUS	Aggregated	Aggregated	GAS	214.7743581	20290.53631	4.851227153	4.182557458	84866.33398	UBUS	TRUE

Sum of VMT*FE	**2670396335**
Total VMT	**91566003.75**
Weighted Average FE (miles/gallon)	**29.1636**

Total VMT
Anaheim Ball Project - Orange County, Annual
Date: 6/20/2022 10:06 AM

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	1,586.58	1,586.58	1586.58	8,153,085	8,153,085
Fast Food Restaurant w/o Drive Thru	1,200.53	1,200.53	1200.53	3,244,330	3,244,330
High Turnover (Sit Down Restaurant)	218.57	218.57	218.57	701,062	701,062
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,017.68	3,017.68	3,017.68	10,098,457	10,098,457

	Annual VMT (miles)	Fuel Consumption	
Total VMT	10,098,457	**346,269**	**gallons per year**

Project Operations Natural Gas Use

Source: AQ/GHG Appendix, CalEEMod Output

Anaheim Ball Project - Orange County, Annual

Date: 6/20/2022 10:06 AM

kBTU/yr = kilo-British Thermal Units/year

Land Use	Natural Gas Use (kBTU/yr)
City Park	0
Condo/Townhouse	2,776,260
Fast Food Restaurant with Drive Thru	581,692
High Turnoever (Site Down Restaurant)	581,692
Other Asphalt Surfaces	0
Parking Lot	0
Recreational Swimming Pool	0
Total	**3,939,644 kBTU/yr**

5.2 Energy by Land

Mitigated

Land Use	NaturalGas Use kBTU/yr
City Park	0
Condo/Townhouse High Rise	2.77626e+006
Fast Food Restaurant w/o Drive Thru	581692
High Turnover (Sit Down Restaurant)	581692
Other Asphalt Surfaces	0
Parking Lot	0
Recreational Swimming Pool	0
Total	

Project Operations Electricity Use

Source: AQ/GHG Appendix, CalEEMod Output

Anaheim Ball Project - Orange County, Annual

Date: 6/20/2022 10:06 AM

kWh/yr = kilowatt hours per year

Land Use	Mitigated Electricity Use (kWh/yr)	
City Park	0	
Condo/Townhouse	1019280	
Fast Food Restaurant with Drive Thru	79987.5	
High Turnoever (Site Down Restaurant)	79987.5	
Other Asphalt Surfaces	0	
Parking Lot	13580	
Recreational Swimming Pool	0	
Total	**1,192,835**	**kWh/yr**

5.3 Energy by Land

Unmitigated

	Electricity Use
Land Use	kWh/yr
City Park	0
Condo/Townhouse High Rise	1.01928e+006
Fast Food Restaurant w/o Drive Thru	79987.5
High Turnover (Sit Down Restaurant)	79987.5
Other Asphalt Surfaces	0
Parking Lot	13580
Recreational Swimming Pool	0
Total	

TO: Jessica Coria
FROM: Vince Mirabella
DATE: June 24, 2022

SUBJECT: Construction Health Risk Assessment of the Anaheim Ball Mixed Project
Anaheim, CA

SECTION 1: PROJECT INFORMATION

1.1 - Project Name

Anaheim Ball Mixed Project (Project)

1.2 - Purpose of the Report

This report evaluates the potential health impacts on sensitive receptors from the construction of the Project. In particular, this health risk assessment (HRA) focuses on the emissions of diesel particulate matter (DPM) from the operation of the diesel offroad construction equipment and diesel construction vehicles that would serve the Project during construction. DPM has been identified by the California Air Resources Board (ARB) as a carcinogenic substance responsible for nearly 70 percent of the airborne cancer risk in California.[1] The HRA compared the estimated health risk impacts from the Project construction to the health risk significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) for use in CEQA assessments.

This HRA employed the following tools to estimate the health impacts of the Project:

- The U.S. Environmental Protection Agency (EPA) AMS/EPA Regulatory Model (AERMOD Version 21112) air dispersion model[2] to estimate DPM impacts on sensitive receptors)
- Cancer Risk Methodology from the California Office of Environmental Health Hazards Assessment (OEHHA)[3] and the SCAQMD[4].
- The California Air Pollution Control Officers Association (CAPCOA)[5] CalEEMod land-use emission model (Version 2020.4.0) to estimate DPM emissions from the offroad and onroad construction equipment.

[1] California Air Resources Board 2017. Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics. Website: https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics
[2] US Environmental Protection Agency 2021. AERMOD Quick Reference Guide. Website: https://www.epa.gov/scram/air-quality-dispersion-modeling-preferred-and-recommended-models
[3] California Office of Environmental Health Hazards Assessment 2015. Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. Website: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf
[4] SCAQMD 2017. Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1/
[5] CAPCOA 2021. California Emissions Estimator Model Version 2020.4.0. Website: http://www.caleemod.com

1.3 - Project Location

The Project site is located at the southeast corner of the intersection of South Anaheim Boulevard and East Ball Road in the City of Anaheim, in Orange County, California (Exhibit 1). The 10.1-acre Project site consists of seven parcels, Assessor's Parcel Numbers (APNs) 082-461-23, -24, -25, -31, -34, -35, and -39. The Project site is located 0.44 miles east of Interstate 5 (I-5), the Santa Ana Freeway. As shown in Exhibit 1, the Project site is in the western/central portion of the City. Regional access to the project site is from I-5 via South Harbor Boulevard, Katella Avenue, and Lincoln Avenue exits. Exhibit 2 provides a local view of the Project location.

1.4 - Project Description

The Project would include the demolition of the existing buildings and improvements on the Project site. The Project site currently consists of approximately 85,400 square feet of commercial and industrial buildings and associated parking lots and landscaping. The existing commercial buildings include a transportation service, auto parts store, tire shop, automobile service centers, furniture wholesaler, and vacant lots. The applicant, Greenlaw Partners, is proposing to develop a 4,500-square-foot retail building and 249 residential flats and townhomes. The retail centers would be located on Ball Road at the entrance to the Project site located along a proposed internal road. The Project would also include a recreational amenity area with outdoor functions. The residential component of the Project would consist of two residential building types as described below:

Article I. Flats–The flats would be located in three 4-story buildings located at the northwest corner of the Project site. Each building would contain 12 residential units, for a total of 36 residential units consisting of 26 two-bedroom flats and 10 three-bedroom flats, and would include Americans with Disabilities Act (ADA)-compliant residential units. Each residential unit would include 70 square feet of balcony space.

Article II. Townhomes–The Townhomes would consist of 213 residential units in 30 three-story buildings. Each building would contain a minimum of four residential units and a maximum of 12 residential units. Residential units would consist of 53 one-bedroom residential units, 93 two-bedroom residential units, and 67 three-bedroom residential units, and would include ADA-compliant residential units. The one-bedroom and three-bedroom residential units would include a 70-square-foot balcony, and the two-bedroom residential units would include either a 70-foot or a 95-foot balcony.

The Project would provide private roadways and parking, pedestrian walkways, common space and amenity areas throughout the project site, landscaping, and a recreational amenity area in the center of the project site. Density on the Project site would be 24.65 du/ac, which would not exceed the maximum density of the Mixed-Use Medium land use designation of 36 du/ac. The Project would provide a trash enclosure near the east Ball Road entrance on the north side of the site.

An Affordable Housing component is proposed with this development. A total of 10 percent of the for-sale townhomes will be sold to moderate-income buyers. The applicant will enter into a density bonus housing agreement with the City to ensure compliance with the Density Bonus Ordinance. Exhibit 3 presents the Project site plan.

1.5 - Conclusion

The Project's construction would generate a cancer risk at the maximum impacted sensitive receptor less than the SCAQMD health risk significance threshold of 10 in one million. Therefore, the construction of the Project would result in a less than significant project-level and cumulative health risk impact.

- Sensitive/residential receptor for a 2-year exposure duration of construction: 9.6 in one million,
- Worker Receptor for a 2-year exposure duration: 3.8 in one million

Source: Census 2000 Data, The California Spatial Information Library (CaSIL).

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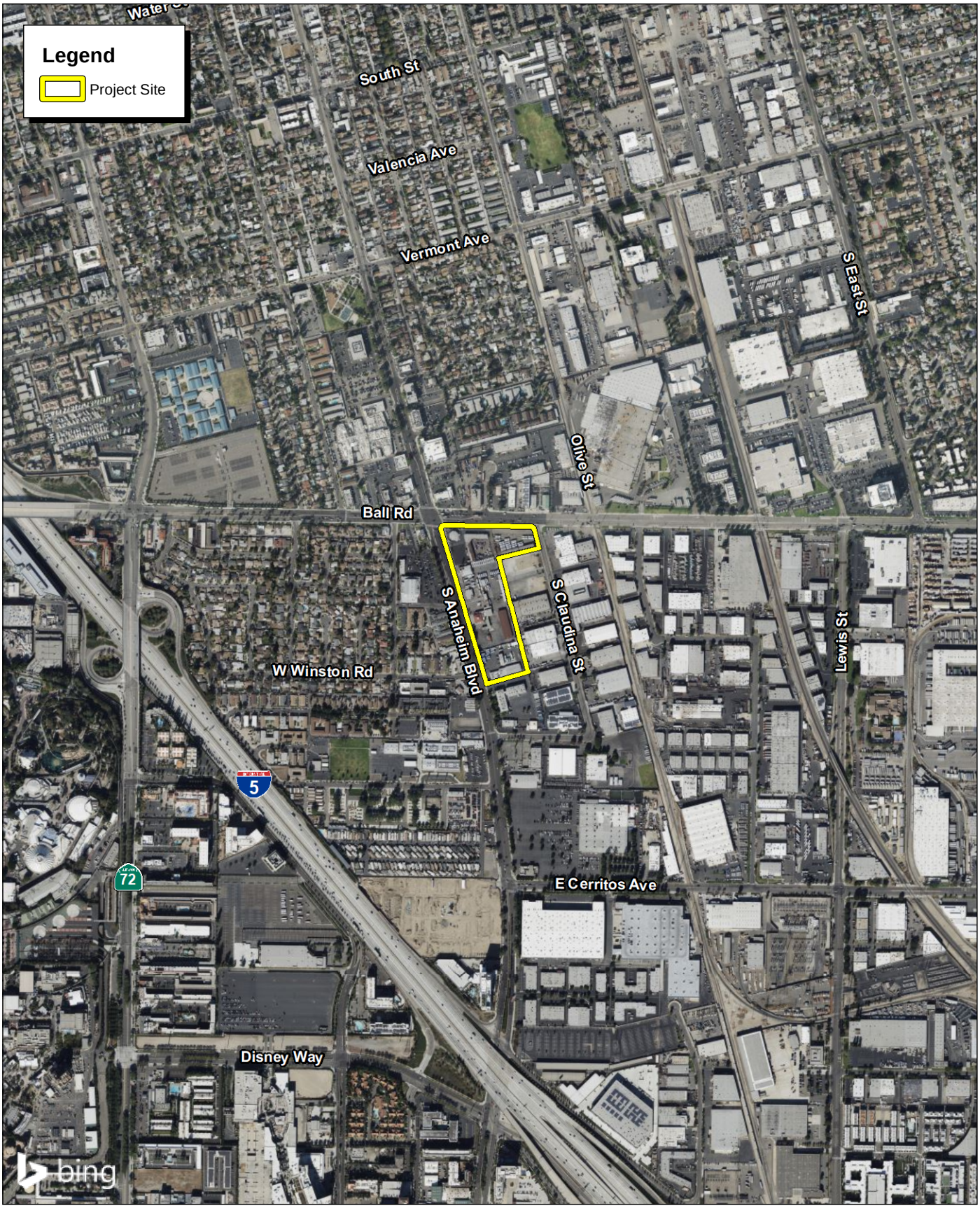
5 2.5 0 5 Miles

Exhibit 1
Regional Location Map



Source: Bing Aerial Imagery.

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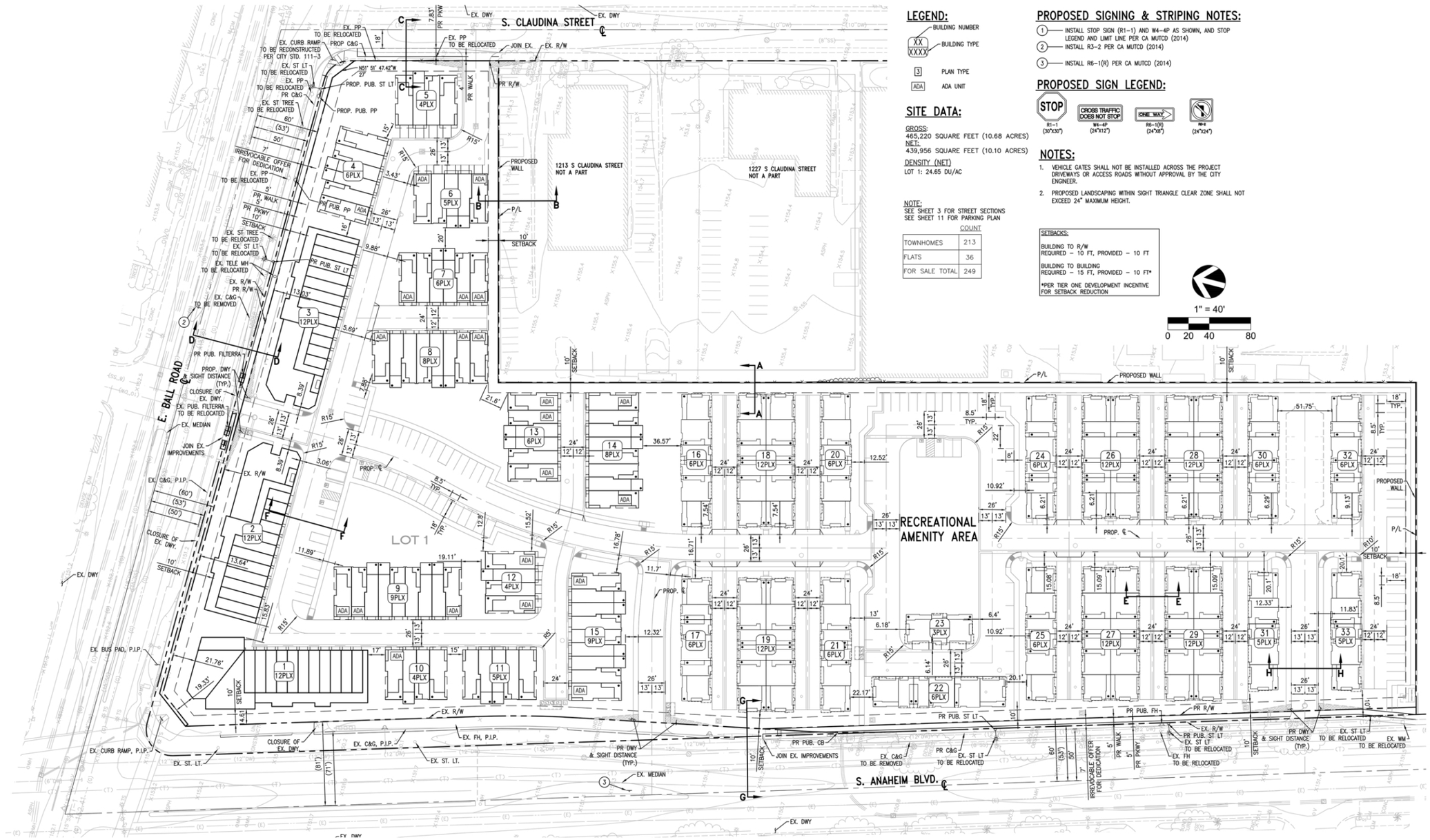
1,000 500 0 1,000 Feet

Exhibit 2
Local Vicinity Map



LEGEND:

XX — BUILDING NUMBER
XXXX — BUILDING TYPE
3 — PLAN TYPE
ADA — ADA UNIT

SITE DATA:

GROSS:
465,220 SQUARE FEET (10.68 ACRES)
NET:
439,956 SQUARE FEET (10.10 ACRES)

DENSITY (NET)
LOT 1: 24.65 DU/AC

NOTE:
SEE SHEET 3 FOR STREET SECTIONS
SEE SHEET 11 FOR PARKING PLAN

COUNT	
TOWNHOMES	213
FLATS	36
FOR SALE TOTAL	249

PROPOSED SIGNING & STRIPING NOTES:

1. INSTALL STOP SIGN (R1-1) AND W4-4P AS SHOWN, AND STOP LEGEND AND LIMIT LINE PER CA MUTCD (2014)
2. INSTALL R3-2 PER CA MUTCD (2014)
3. INSTALL R6-1(R) PER CA MUTCD (2014)

PROPOSED SIGN LEGEND:

STOP — R1-1 (30"X30")
CROSS TRAFFIC DOES NOT STOP — W4-4P (24"X12")
ONE WAY — R6-1(R) (24"X8")
R9-6 (24"X24")

NOTES:

1. VEHICLE GATES SHALL NOT BE INSTALLED ACROSS THE PROJECT DRIVEWAYS OR ACCESS ROADS WITHOUT APPROVAL BY THE CITY ENGINEER.
2. PROPOSED LANDSCAPING WITHIN SIGHT TRIANGLE CLEAR ZONE SHALL NOT EXCEED 24" MAXIMUM HEIGHT.

SETBACKS:

BUILDING TO R/W
REQUIRED – 10 FT, PROVIDED – 10 FT

BUILDING TO BUILDING
REQUIRED – 15 FT, PROVIDED – 10 FT*

*PER TIER ONE DEVELOPMENT INCENTIVE FOR SETBACK REDUCTION

1" = 40'
0 20 40 80

Source: C&V Consulting, Inc. Civil Engineering, 03/28/2022.

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Exhibit 5
Site Plan

SECTION 2: HEALTH RISK ASSESSMENT

An HRA is a guide that helps determine whether the risks from current or future exposures to a toxic chemical or substance in the environment could affect the health of a population. In general, the quantification of risk from the development of a project depends on the following factors:

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models using information about emissions, source locations, weather, and other factors; and
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, an HRA identifies the TACs that could affect public health, identifies the sources and their quantities of the TAC emissions, estimates where the emissions are transported by prevailing meteorological conditions, and assesses the consequential health impacts due to the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting health risk assessments. As defined under the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588 [Chapter 1252, Statutes of 1987, California Health and Safety Code Section 44306]),

> "A health risk assessment means a detailed, comprehensive analysis prepared pursuant to Section 44361 to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure."

Estimates of health risk and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs were made using the methodology described below. The methodology included assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the ARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} exhaust emissions.

2.1 - Emission Inventory Development

The applicant anticipates that construction of the Project would begin on March 13, 2023 with a construction duration of 21 months. Construction activities would include demolition of the existing paved surfaces and structures, site grading, building construction, architectural coatings, and paving. The Project's construction would require no imported soil/fill material because the site would be balanced. However, haul trucks would be required to transport demolition materials to offsite locations. DPM is the primary toxic air contaminant of concern.

DPM exhaust from construction equipment operating at the site poses a potential health risk to nearby sensitive receptors. The nearest sensitive receptors are across Anaheim Boulevard, west of the Project. There are two multi-family residential uses. The first is identified as “Promises Guest Village Inc” and is addressed at 1315 S Anaheim Blvd. The other is 1321-1331 S Anaheim Blvd. It’s about 115 ft from the western boundary of our Project site

2.1.1 Estimation of Construction Emissions

The first requirement to carry out the HRA involves identifying and quantifying the sources of construction DPM air emissions from the Project, also termed an emission inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, etc.). The predominant sources of DPM emissions resulting from the Project construction derive from the heavy-duty diesel offroad construction equipment and construction vehicles that travel to and from the project site each day. These emission sources are identified below. The construction activity was modeled to represent weekday construction activity (Monday through Friday, 8 hours per day, 8am to 3PM)

Estimates of the Project’s onsite and offsite construction DPM emissions were based on the results from the CalEEMod land use emission model (Version 2020.4.0). Table 1 and Table 2 provide the Project’s construction schedule and equipment inventory, respectively, while Table 3 summarizes the Project’s construction vehicle trips.

Table 1: Project Construction Schedule

Activity	Start Date	End Date	Total Days
Demolition	03/13/2023	04/21/2023	30
Grading	04/22/2023	06/02/2023	30
Building Construction	06/03/2023	12/31/2024	400
Paving	07/27/2024	08/23/2024	20
Architectural Coating	06/03/2024	12/13/2024	140
Source: see Data Attachment			

Table 2: Construction Equipment Inventory

Activity	Equipment	Project Number	Project Hours per day	Default Horse-power	Default Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavator	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.40
Grading	Excavators	2	8	158	0.38
	Graders	2	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.40

Activity	Equipment	Project Number	Project Hours per day	Default Horse-power	Default Load Factor
	Tractors/Loaders/Backhoes	2	8	97	0.37
	Scrapers	0	8	367	0.48
Building Construction	Crane	1	7	231	0.29
	Forklifts	3	8	89	0.20
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	0	8	46	0.45
	Generator Set	1	8	84	0.74
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressor	1	6	78	0.48
Source: see Data Attachment					

Table 3: Construction Vehicle Trips

Activity	Construction Trips per Day		Total Trips
	Worker	Vendor	Haul
Demolition	15	0	659
Grading	18	0	0
Building Construction	302	75	0
Paving	15	0	0
Architectural Coating	60	0	0
Source: see Data Attachment			

2.1.2 Project DPM Construction Emissions

The Project's annual average construction emissions were assumed to operate as a continuous activity (24 hours/day, 7 days/week, and 52 weeks/year) following the SCAQMD[6] AERMOD air dispersion model guidance for estimating chronic noncancer hazards and cancer risk from a non-continuously operating emission source. The HRA was prepared assuming an emission rate of 1 grams/sec with an hourly emission factor of 3 for all construction hours (8am to 3 pm: 24 hours per day / 8 construction hours per day) and an hourly emission factor of 0 for all non-construction hours. The resulting DPM concentrations predicted

[6] SCAQMD 2022: South Coast AQMD Modeling Guidance for AERMOD – Variable Emissions. Website: http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance#Variable

by the AERMOD model were then multiplied by the actual annual average DPM emission rate (in grams/sec) to derive the annual average DPM air concentrations.

2.2 - Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. The modeling is performed with computer programs that solve the mathematical equations and algorithms that simulate the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at different geographic locations (referred to as receptor locations).

Table 4 provides the general assumptions in the AERMOD model (Version 21112). Table 5 summarizes the assumptions used to configure the various construction emission sources analyzed in this HRA. The meteorological data were taken from the SCAQMD/AERMOD Fullerton Airport data set from 2012 to 2016 and are considered representative of the meteorological conditions at the Project site.

Table 4: General Modeling Assumptions

Feature	Assumption
Terrain processing	● Complex terrain; elevations were obtained for the Project site using the EPA AERMAP terrain data pre-processor Version 18081; Data set: USGS_NED_1_n34w11
Land Use	● Urban based on land use patterns surrounding the Project site
Meteorological Data	● Fullerton Airport, CA for the years 2012 to 2016 from the SCAQMD as representative of meteorological conditions at the Project site
Receptor locations and heights	● A network grid was used to include all existing residences and worker locations surrounding the Project site and along the offsite truck routes ●Additional receptors were located at nearby residences ● Receptors placed a ground-level
Population	● Orange County: 3,010,232

Table 5: Summary of Construction Emission Source Configurations

Emission Source Type	Geometric Configuration	Relevant Assumptions
Offroad Construction Equipment	Polygon Area Source	• Emission release height 5 meters (16.4 feet) • Emission source covered the physical extent of the Project area • Construction activities: 8am to 3pm • Construction emissions derived from the CalEEMod output
Onroad Diesel Vehicles	Line Volume Source	• Line source: height – 3.11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator); • Construction activity: 8am to 3pm • Construction vehicle emissions derived from the CAlEEMod output • Vehicle travel: Project site>West Ball Road>Interstate 5
Source: see Data Attachment		

Exhibit 4 shows the locations of the onsite and offsite construction emission sources included in this HRA.

2.2.1 Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long-term care hospitals, hospices, prisons, dormitories, or similar live-in housing. HRA-sensitive receptors were placed within the air dispersion model at the existing residences and along the offsite Project vehicle travel route. In addition, a regular grid network of receptors was placed over the Project site to complete the receptor network. The nearest sensitive receptors are located across South Anaheim Boulevard. The first receptor is identified as "Promises Guest Village Inc" and is addressed at 1315 S Anaheim Blvd. The other closest sensitive receptor is located at 1321-1331 S Anaheim Blvd, about 115ft from the western boundary of the Project site. Exhibit 5 shows the receptor locations included in the HRA.

2.3 - Health Risk Estimation Methodology

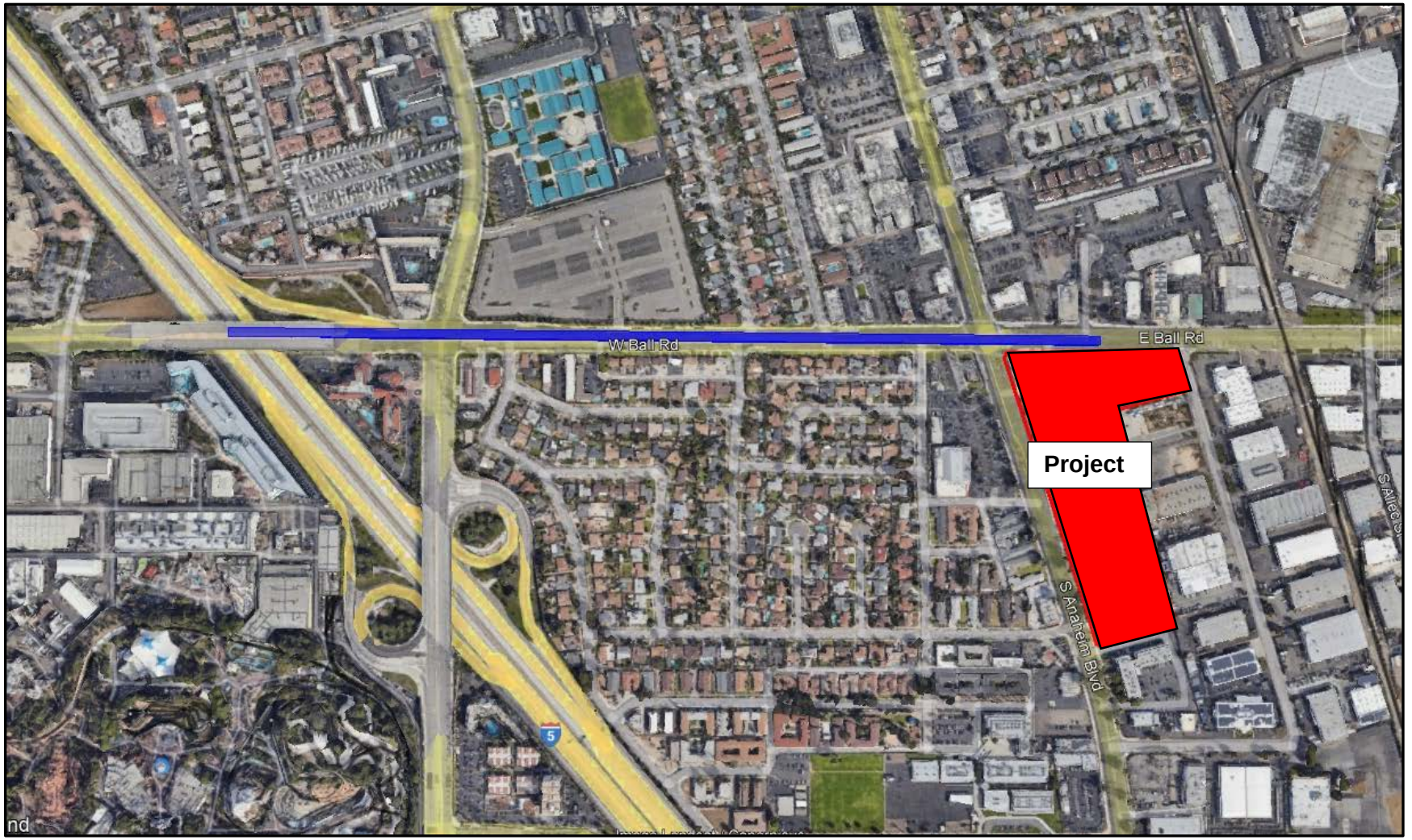
Health-related risks associated with DPM exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. Construction activities would limit idling to no more than five minutes, reducing nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense year of construction, emissions of DPM would be generated from different locations on the Project site rather than in a single location because of different types of construction activities (e.g., demolition, grading, and building construction).

2.3.1 Significance Thresholds

Project-Level

The City of Anaheim has not adopted a numerical significance threshold for cancer risk or noncancer hazards. Therefore, this HRA adopted the SCAQMD-recommended significance thresholds. The relevant significance thresholds are provided below:

- Cancer Risk: ten (10) persons per million population as the maximum acceptable incremental cancer risk due to exposure to toxic air contaminants (TAC)
- Noncancer Hazard Index: 1.0



Project Onroad DPM Construction Vehicles

Project DPM Construction Area Source

1,000 500 0 1,000

Feet

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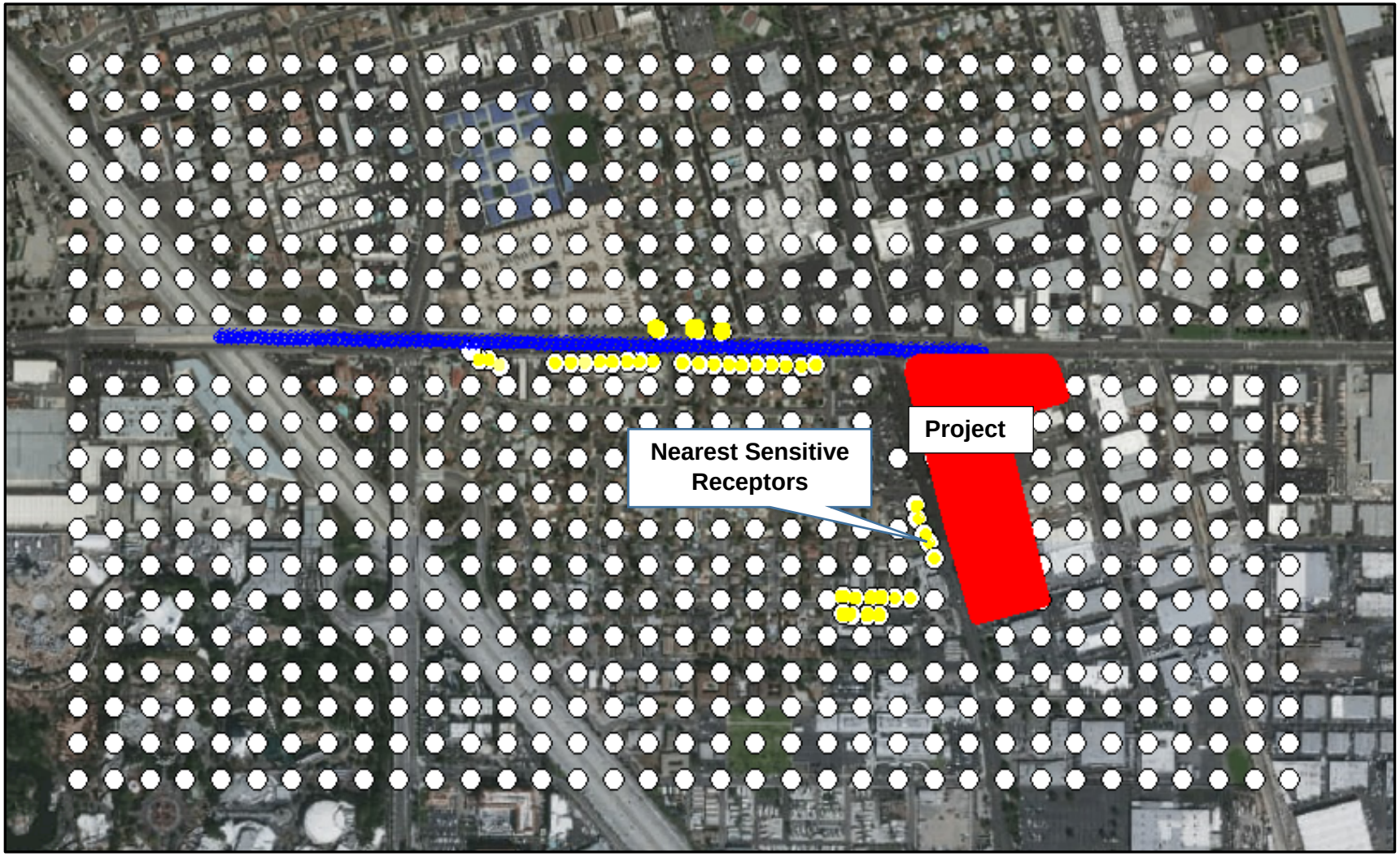
Exhibit 4

Construction Emission Sources



Grid Receptor Sensitive Receptor

1,000 500 0 1,000

Feet

FIRSTCARBON SOLUTIONS™

Exhibit 5
Air Dispersion Model Receptors

Cumulative

The SCAQMD has published a report on addressing cumulative impacts from air pollution: White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution (SCAQMD 2003)[7]. The SCAQMD considers projects exceeding the project-specific significance thresholds cumulatively considerable. Therefore, the project-specific (noted above) and cumulative significance thresholds are the same. As a result, projects that do not exceed the project-specific thresholds are not considered to be cumulatively significant.

2.3.2 Cancer Risk

Cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer due to exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a probability since there is no level below which some level of impact may occur. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in a million implies a likelihood that up to ten people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to these air toxics.

The exposure dose is the amount of a chemical taken into the body at a given time. In particular, the exposure dose through inhalation ($Dose_{air}$) is a function of the breathing rate, the exposure frequency, and the concentration of exposures. Breathing rates change over time for different age groups and are determined for specific age groups. The $Dose_{air}$ is calculated for each of the following age groups: 3rd trimester to birth, 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans[8]. However, for the purposes of this construction HRA, the exposure duration is 2 years, the duration of the Project construction.

To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times EF_i \qquad \text{(EQ-1)}$$

Where:

$Dose_{air}$ = dose through inhalation (mg/kg/day)
C_{DPM} = period average concentration of DPM as estimated by the air dispersion model ($\mu g/m^3$)
DBR = daily breathing rate for each age group (liters/kg-day)—see Table 6
A = Inhalation absorption factor (unitless = 1)
EF = exposure frequency (days per year)
i – number of age groups

[7] South Coast Air Quality Management District (SCAQMD) 2003. White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution

[8] California Office of Environmental Health Hazards Assessment 2015. Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments. Page 8-6.

The dose is multiplied by the cancer potency factor, the age sensitivity factors (ASF), the exposure duration (ED), and the frequency of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = \sum_{I=1}^{n} \text{Dose}_{air,\,i} \times \text{CPF} \times \text{ASF}_i \times \text{ED}_i \times \text{TAH}_i/\text{AT} \qquad \text{(EQ-2)}$$

Where:

Cancer Risk = Total individual excess inhalation cancer risk, defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is summed over all age groups; cancer risk is expressed in terms of risk per million exposed individuals.

$\text{Dose}_{air,i}$ = inhalation dose through inhalation (mg/kg-day)
CPF = inhalation cancer potency factor $(\text{mg/kg-day})^{-1}$
ASF_i = age sensitivity factors (see Table 6)
ED_i = exposure duration (years)—see Table 6
AT = averaging time of lifetime cancer risk (70 years)
TAH_i = fraction of time spent at home—see Table 6
n = number of age groups

Table 6 provides the values for the various cancer risk parameters shown in Equation 1 and Equation 2 for the receptor types examined in this assessment. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

Table 6: Exposure Assumptions for Construction Cancer Risk – OEHHA/SCAQMD Guidance

Age Group	Exposure Frequency, EF		Exposure Duration, ED (years)	Age Sensitivity Factors (ASF)	Time at Home Factor (TAH)	Daily Breathing Rate[1] (DBR) (L/kg-day)
	Hours/day	Days/year				
Sensitive/Residential Receptor—Pre-birth to Child						
3rd Trimester to Birth	24	350	0.25	10	0.85	361
0 to 2 years	24	350	2	10	0.85	1,090
Sensitive Receptor/Residential Receptor – Adult						
17 years and older	24	350	2	1	0.73	335
Worker Receptor (25-years duration)[2]						
17 years and older	8	250	2	1	1	230

Note:
[1] Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors
(L/kg-day) = liters per kilogram body weight per day
[2] Note that the worker DPM concentrations have been multiplied by 4.2 to reflect the worker adjustment factor for a worker that is exposed to a source that does not continuously operate (e.g., a construction source)
Source: SCAQMD Rule 1401.

2.3.3 Chronic Non-cancer Hazard

TACs can also cause chronic (long-term) effects on noncancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Noncancer health risks are conveyed in terms of the hazard index (HI). A ratio of the predicted concentration of the facility's reported TAC emissions to a concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1 or greater. A HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the noncancer hazards for TACs.

$$HI = C_{ann}/REL \qquad \text{(EQ-3)}$$

Where:

HI = Hazard Index: an expression of the potential for chronic noncancer health risks
C_{ann} = Annual average TAC concentration ($\mu g/m^3$)
REL = Reference Exposure Level: the DPM concentration at which no adverse health effects are anticipated

As predicted by the air dispersion model, annual concentrations of DPM are used to estimate chronic noncancer hazards. The OEHHA has defined a REL for DPM of 5 $\mu g/m^3$.

2.4 - Results of the Health Risk Assessment

2.4.1 Project-Level Risk Results

Table 7 summarizes the cancer risks and chronic noncancer hazards resulting from the Project's construction DPM emissions along with the SCAQMD health risk significance thresholds. As noted in Table 7, the estimated maximum cancer risk is 9.6 in one million for sensitive/residential receptors, less than the 10 in one million significance threshold. In addition, the estimated noncancer hazard index is also less than the significance threshold. Therefore, the construction of the Project would not result in a significant health impact.

Table 7: Summary of Proposed Project Health Risk Assessment

Location[1]	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor- Infant - Child	9.6	10	No
Maximum Impacted Sensitive Receptor – Adult	0.2	10	No
Maximum Impacted Worker Receptor[2]	3.8	10	No
Location[1]	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Estimated Hazard Index	**Significance Threshold**	
Maximum Impacted Sensitive Receptor-	<0.001	1.0	No
Maximum Impacted Worker Receptor	<0.001	1.0	No

Note:
[1] The maximum impacted sensitive receptor is located at an existing residence along Anaheim Boulevard near the intersection of AnaheimBoulevard and Winston Road.

The maximum impacted worker receptor is located in an existing truck parking area at 1213 South Claudina Street, adjacent to the eastern Project boundary.
(2) Reflects a worker adjustment factor of 4.2
Source:See Data Attachment

2.4.2 Cumulative Impact Results

The SCAQMD has analyzed the cumulative effects of toxic air contaminants (TACs) within the South Coast Air Basin as part of its Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES-V)[9]. The MATES studies express cumulative TAC impacts in terms of potential increased cancer risks. The MATES-V Study estimate of the cumulative TAC-source cancer risk for the localized area encompassing the Project site 481 in one million. DPM accounts for approximately 69 percent of the total cumulative cancer risk in the Project area The cumulative cancer risk level of 481 in a million is comprised of the impact from existing TAC emission sources in the region without the impact from the Project. Because the existing cancer risk levels already exceed the 10 in one million cumulative significance threshold, a cumulatively significant impact already exists at the Project site.

Project-level DPM emissions would result in an increase in cancer risks of 9.6 in one million at the maximum impacted sensitive receptor during the duration of construction. The Project's cancer risk is less than the SCAQMD project-level and cumulative significance thresholds of 10 in one million. Therefore, the Project construction health risk impacts are neither individually significant nor cumulatively considerable.

9

Construction Health Risk Assessment
Data Attachment

0055.0089 Anaheim Ball Project - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

0055.0089 Anaheim Ball Project

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.11	Acre	3.11	135,471.60	0
Parking Lot	97.00	Space	0.87	38,800.00	0
City Park	2.59	Acre	2.59	112,820.40	0
Fast Food Restaurant w/o Drive Thru	2.25	1000sqft	0.05	2,250.00	0
High Turnover (Sit Down Restaurant)	2.25	1000sqft	0.05	2,250.00	0
Recreational Swimming Pool	1.25	1000sqft	0.26	1,250.00	0
Condo/Townhouse High Rise	249.00	Dwelling Unit	3.75	492,000.00	712

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	30
Climate Zone	8			**Operational Year**	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Note A

Land Use - See Note B

Construction Phase - See Note C

Off-road Equipment -

Off-road Equipment - See Note D

Off-road Equipment - See Note D

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Trips and VMT - See Note G

Demolition - See Note F

Grading - See Note E

Vehicle Trips - See Note H

Woodstoves - See Note I

Construction Off-road Equipment Mitigation - See Note J

Energy Mitigation - See Note K

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	80
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	400.00
tblConstructionPhase	NumDays	20.00	140.00
tblConstructionPhase	PhaseEndDate	4/7/2023	4/21/2023
tblConstructionPhase	PhaseEndDate	5/19/2023	6/2/2023
tblConstructionPhase	PhaseEndDate	7/12/2024	12/13/2024
tblConstructionPhase	PhaseEndDate	9/6/2024	12/13/2024
tblConstructionPhase	PhaseEndDate	8/9/2024	8/23/2024
tblConstructionPhase	PhaseStartDate	4/8/2023	4/22/2023
tblConstructionPhase	PhaseStartDate	5/20/2023	6/3/2023
tblConstructionPhase	PhaseStartDate	8/10/2024	6/3/2024
tblConstructionPhase	PhaseStartDate	7/13/2024	7/27/2024
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	211.65	0.00
tblFireplaces	NumberNoFireplace	24.90	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFireplaces	NumberWood	12.45	0.00
tblLandUse	LandUseSquareFeet	249,000.00	492,000.00
tblLandUse	LotAcreage	0.03	0.26
tblLandUse	LotAcreage	3.89	3.75
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	37.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	12.00	10.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	51.00	90.00
tblVehicleTrips	PR_TP	37.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	4.91	6.42
tblVehicleTrips	ST_TR	696.00	533.57
tblVehicleTrips	ST_TR	122.40	97.14
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	4.09	6.42
tblVehicleTrips	SU_TR	500.00	533.57
tblVehicleTrips	SU_TR	142.64	97.14
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	5.44	6.42

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	WD_TR	346.23	533.57
tblVehicleTrips	WD_TR	112.18	97.14
tblVehicleTrips	WD_TR	28.82	0.00
tblWoodstoves	NumberCatalytic	12.45	0.00
tblWoodstoves	NumberNoncatalytic	12.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
2023	0.2369	1.9637	2.4298	6.4700e-003	0.4864	0.0800	0.5664	0.1438	0.0746	0.2184	0.0000	595.1455	595.1455	0.0847	0.0252	604.7610
2024	1.8970	2.1079	3.3687	8.8500e-003	0.5212	0.0837	0.6050	0.1398	0.0786	0.2183	0.0000	816.8759	816.8759	0.0911	0.0318	828.6270
Maximum	**1.8970**	**2.1079**	**3.3687**	**8.8500e-003**	**0.5212**	**0.0837**	**0.6050**	**0.1438**	**0.0786**	**0.2184**	**0.0000**	**816.8759**	**816.8759**	**0.0911**	**0.0318**	**828.6270**

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					
2023	0.2369	1.9637	2.4298	6.4700e-003	0.1700	0.0800	0.2501	0.0555	0.0746	0.1301	0.0000	595.1452	595.1452	0.0847	0.0252	604.7606
2024	1.8970	2.1079	3.3687	8.8500e-003	0.1672	0.0837	0.2509	0.0529	0.0786	0.1314	0.0000	816.8755	816.8755	0.0911	0.0318	828.6266
Maximum	**1.8970**	**2.1079**	**3.3687**	**8.8500e-003**	**0.1700**	**0.0837**	**0.2509**	**0.0555**	**0.0786**	**0.1314**	**0.0000**	**816.8755**	**816.8755**	**0.0911**	**0.0318**	**828.6266**

0055.0089 Anaheim Ball Project - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**66.54**	**0.00**	**57.23**	**61.78**	**0.00**	**40.12**	**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	**3-13-2023**	**6-12-2023**	0.8500	0.8500
2	**6-13-2023**	**9-12-2023**	0.6040	0.6040
3	**9-13-2023**	**12-12-2023**	0.6039	0.6039
4	**12-13-2023**	**3-12-2024**	0.5770	0.5770
5	**3-13-2024**	**6-12-2024**	0.6567	0.6567
6	**6-13-2024**	**9-12-2024**	1.4813	1.4813
7	**9-13-2024**	**9-30-2024**	0.2681	0.2681
		Highest	1.4813	1.4813

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Energy	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	421.7780	421.7780	0.0219	6.0200e-003	424.1187
Mobile	1.3886	1.5391	14.2568	0.0333	3.8042	0.0229	3.8271	1.0154	0.0213	1.0367	0.0000	3,152.2825	3,152.2825	0.1882	0.1295	3,195.5897
Waste						0.0000	0.0000		0.0000	0.0000	35.4402	0.0000	35.4402	2.0945	0.0000	87.8016
Water						0.0000	0.0000		0.0000	0.0000	5.6037	67.2813	72.8850	0.5812	0.0143	91.6708
Total	**3.4601**	**1.7536**	**16.9260**	**0.0346**	**3.8042**	**0.0518**	**3.8560**	**1.0154**	**0.0502**	**1.0656**	**41.0439**	**3,645.5391**	**3,686.5830**	**2.8898**	**0.1498**	**3,803.4786**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Energy	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	342.9541	342.9541	0.0152	5.2100e-003	344.8881
Mobile	1.3886	1.5391	14.2568	0.0333	3.8042	0.0229	3.8271	1.0154	0.0213	1.0367	0.0000	3,152.2825	3,152.2825	0.1882	0.1295	3,195.5897
Waste						0.0000	0.0000		0.0000	0.0000	35.4402	0.0000	35.4402	2.0945	0.0000	87.8016
Water						0.0000	0.0000		0.0000	0.0000	5.6037	67.2813	72.8850	0.5812	0.0143	91.6708
Total	**3.4601**	**1.7536**	**16.9260**	**0.0346**	**3.8042**	**0.0518**	**3.8560**	**1.0154**	**0.0502**	**1.0656**	**41.0439**	**3,566.7152**	**3,607.7591**	**2.8831**	**0.1490**	**3,724.2480**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.16**	**2.14**	**0.23**	**0.54**	**2.08**

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	3/13/2023	4/21/2023	5	30	
2	Grading	Grading	4/22/2023	6/2/2023	5	30	
3	Building Construction	Building Construction	6/3/2023	12/13/2024	5	400	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Paving	Paving	7/27/2024	8/23/2024	5	20	
5	Architectural Coating	Architectural Coating	6/3/2024	12/13/2024	5	140	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 45

Acres of Paving: 3.98

Residential Indoor: 996,300; Residential Outdoor: 332,100; Non-Residential Indoor: 9,750; Non-Residential Outdoor: 3,250; Striped Parking Area: 10,456 (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
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	15.00	0.00	659.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	302.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	60.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 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					
Fugitive Dust					0.0714	0.0000	0.0714	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9881	50.9881	0.0143	0.0000	51.3451
Total	**0.0340**	**0.3223**	**0.2947**	**5.8000e-004**	**0.0714**	**0.0150**	**0.0863**	**0.0108**	**0.0139**	**0.0247**	**0.0000**	**50.9881**	**50.9881**	**0.0143**	**0.0000**	**51.3451**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	1.0400e-003	0.0768	0.0226	3.6000e-004	0.0113	5.0000e-004	0.0118	3.1000e-003	4.8000e-004	3.5800e-003	0.0000	37.4800	37.4800	3.8300e-003	6.0100e-003	39.3677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	6.5600e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.9016	1.9016	4.0000e-005	5.0000e-005	1.9162
Total	**1.6800e-003**	**0.0772**	**0.0291**	**3.8000e-004**	**0.0138**	**5.1000e-004**	**0.0143**	**3.7600e-003**	**4.9000e-004**	**4.2500e-003**	**0.0000**	**39.3815**	**39.3815**	**3.8700e-003**	**6.0600e-003**	**41.2839**

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					0.0278	0.0000	0.0278	4.2100e-003	0.0000	4.2100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9880	50.9880	0.0143	0.0000	51.3450
Total	**0.0340**	**0.3223**	**0.2947**	**5.8000e-004**	**0.0278**	**0.0150**	**0.0428**	**4.2100e-003**	**0.0139**	**0.0181**	**0.0000**	**50.9880**	**50.9880**	**0.0143**	**0.0000**	**51.3450**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	1.0400e-003	0.0768	0.0226	3.6000e-004	4.4800e-003	5.0000e-004	4.9800e-003	1.4300e-003	4.8000e-004	1.9100e-003	0.0000	37.4800	37.4800	3.8300e-003	6.0100e-003	39.3677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	4.5000e-004	6.5600e-003	2.0000e-005	7.6000e-004	1.0000e-005	7.7000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	1.9016	1.9016	4.0000e-005	5.0000e-005	1.9162
Total	**1.6800e-003**	**0.0772**	**0.0291**	**3.8000e-004**	**5.2400e-003**	**5.1000e-004**	**5.7500e-003**	**1.6700e-003**	**4.9000e-004**	**2.1600e-003**	**0.0000**	**39.3815**	**39.3815**	**3.8700e-003**	**6.0600e-003**	**41.2839**

3.3 Grading - 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					
Fugitive Dust					0.1142	0.0000	0.1142	0.0522	0.0000	0.0522	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0320	0.3390	0.2621	5.8000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	50.5131	50.5131	0.0163	0.0000	50.9215
Total	**0.0320**	**0.3390**	**0.2621**	**5.8000e-004**	**0.1142**	**0.0139**	**0.1281**	**0.0522**	**0.0128**	**0.0650**	**0.0000**	**50.5131**	**50.5131**	**0.0163**	**0.0000**	**50.9215**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.5000e-004	7.8800e-003	2.0000e-005	2.9600e-003	2.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2819	2.2819	5.0000e-005	5.0000e-005	2.2994
Total	**7.6000e-004**	**5.5000e-004**	**7.8800e-003**	**2.0000e-005**	**2.9600e-003**	**2.0000e-005**	**2.9800e-003**	**7.9000e-004**	**1.0000e-005**	**8.0000e-004**	**0.0000**	**2.2819**	**2.2819**	**5.0000e-005**	**5.0000e-005**	**2.2994**

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					0.0445	0.0000	0.0445	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0320	0.3390	0.2621	5.8000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	50.5130	50.5130	0.0163	0.0000	50.9214
Total	**0.0320**	**0.3390**	**0.2621**	**5.8000e-004**	**0.0445**	**0.0139**	**0.0584**	**0.0204**	**0.0128**	**0.0331**	**0.0000**	**50.5130**	**50.5130**	**0.0163**	**0.0000**	**50.9214**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6000e-004	5.5000e-004	7.8800e-003	2.0000e-005	9.1000e-004	2.0000e-005	9.2000e-004	2.8000e-004	1.0000e-005	3.0000e-004	0.0000	2.2819	2.2819	5.0000e-005	5.0000e-005	2.2994
Total	**7.6000e-004**	**5.5000e-004**	**7.8800e-003**	**2.0000e-005**	**9.1000e-004**	**2.0000e-005**	**9.2000e-004**	**2.8000e-004**	**1.0000e-005**	**3.0000e-004**	**0.0000**	**2.2819**	**2.2819**	**5.0000e-005**	**5.0000e-005**	**2.2994**

3.4 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	0.0989	0.9723	1.0925	1.8300e-003		0.0484	0.0484		0.0453	0.0453	0.0000	159.7370	159.7370	0.0398	0.0000	160.7324
Total	**0.0989**	**0.9723**	**1.0925**	**1.8300e-003**		**0.0484**	**0.0484**		**0.0453**	**0.0453**	**0.0000**	**159.7370**	**159.7370**	**0.0398**	**0.0000**	**160.7324**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.2065	0.0829	1.0100e-003	0.0354	1.0100e-003	0.0365	0.0102	9.7000e-004	0.0112	0.0000	100.8192	100.8192	5.9900e-003	0.0145	105.2831
Worker	0.0640	0.0457	0.6607	2.0600e-003	0.2487	1.2900e-003	0.2500	0.0660	1.1900e-003	0.0672	0.0000	191.4247	191.4247	4.4000e-003	4.5700e-003	192.8956
Total	**0.0696**	**0.2522**	**0.7437**	**3.0700e-003**	**0.2841**	**2.3000e-003**	**0.2864**	**0.0763**	**2.1600e-003**	**0.0784**	**0.0000**	**292.2439**	**292.2439**	**0.0104**	**0.0191**	**298.1787**

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	0.0989	0.9723	1.0925	1.8300e-003		0.0484	0.0484		0.0453	0.0453	0.0000	159.7368	159.7368	0.0398	0.0000	160.7323
Total	**0.0989**	**0.9723**	**1.0925**	**1.8300e-003**		**0.0484**	**0.0484**		**0.0453**	**0.0453**	**0.0000**	**159.7368**	**159.7368**	**0.0398**	**0.0000**	**160.7323**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5800e-003	0.2065	0.0829	1.0100e-003	0.0153	1.0100e-003	0.0164	5.2900e-003	9.7000e-004	6.2600e-003	0.0000	100.8192	100.8192	5.9900e-003	0.0145	105.2831
Worker	0.0640	0.0457	0.6607	2.0600e-003	0.0762	1.2900e-003	0.0775	0.0237	1.1900e-003	0.0249	0.0000	191.4247	191.4247	4.4000e-003	4.5700e-003	192.8956
Total	**0.0696**	**0.2522**	**0.7437**	**3.0700e-003**	**0.0915**	**2.3000e-003**	**0.0938**	**0.0290**	**2.1600e-003**	**0.0312**	**0.0000**	**292.2439**	**292.2439**	**0.0104**	**0.0191**	**298.1787**

3.4 Building Construction - 2024

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	0.1545	1.5079	1.8129	3.0500e-003		0.0707	0.0707		0.0662	0.0662	0.0000	266.2838	266.2838	0.0661	0.0000	267.9371
Total	**0.1545**	**1.5079**	**1.8129**	**3.0500e-003**		**0.0707**	**0.0707**		**0.0662**	**0.0662**	**0.0000**	**266.2838**	**266.2838**	**0.0661**	**0.0000**	**267.9371**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

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	9.1600e-003	0.3432	0.1372	1.6600e-003	0.0591	1.7700e-003	0.0608	0.0170	1.6900e-003	0.0187	0.0000	165.4278	165.4278	0.0101	0.0239	172.7884
Worker	0.1004	0.0685	1.0273	3.3300e-003	0.4144	2.0500e-003	0.4165	0.1101	1.8900e-003	0.1119	0.0000	311.3837	311.3837	6.6600e-003	7.1100e-003	313.6704
Total	**0.1096**	**0.4116**	**1.1645**	**4.9900e-003**	**0.4735**	**3.8200e-003**	**0.4773**	**0.1271**	**3.5800e-003**	**0.1307**	**0.0000**	**476.8115**	**476.8115**	**0.0167**	**0.0310**	**486.4587**

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	0.1545	1.5079	1.8129	3.0500e-003		0.0707	0.0707		0.0662	0.0662	0.0000	266.2835	266.2835	0.0661	0.0000	267.9368
Total	**0.1545**	**1.5079**	**1.8129**	**3.0500e-003**		**0.0707**	**0.0707**		**0.0662**	**0.0662**	**0.0000**	**266.2835**	**266.2835**	**0.0661**	**0.0000**	**267.9368**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

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	9.1600e-003	0.3432	0.1372	1.6600e-003	0.0256	1.7700e-003	0.0273	8.8100e-003	1.6900e-003	0.0105	0.0000	165.4278	165.4278	0.0101	0.0239	172.7884
Worker	0.1004	0.0685	1.0273	3.3300e-003	0.1270	2.0500e-003	0.1290	0.0395	1.8900e-003	0.0414	0.0000	311.3837	311.3837	6.6600e-003	7.1100e-003	313.6704
Total	**0.1096**	**0.4116**	**1.1645**	**4.9900e-003**	**0.1525**	**3.8200e-003**	**0.1564**	**0.0483**	**3.5800e-003**	**0.0519**	**0.0000**	**476.8115**	**476.8115**	**0.0167**	**0.0310**	**486.4587**

3.5 Paving - 2024

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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	5.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0151**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1885**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	4.0800e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.2373	1.2373	3.0000e-005	3.0000e-005	1.2464
Total	**4.0000e-004**	**2.7000e-004**	**4.0800e-003**	**1.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.4000e-004**	**0.0000**	**1.2373**	**1.2373**	**3.0000e-005**	**3.0000e-005**	**1.2464**

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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	5.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0151**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1884**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.7000e-004	4.0800e-003	1.0000e-005	5.0000e-004	1.0000e-005	5.1000e-004	1.6000e-004	1.0000e-005	1.6000e-004	0.0000	1.2373	1.2373	3.0000e-005	3.0000e-005	1.2464
Total	**4.0000e-004**	**2.7000e-004**	**4.0800e-003**	**1.0000e-005**	**5.0000e-004**	**1.0000e-005**	**5.1000e-004**	**1.6000e-004**	**1.0000e-005**	**1.6000e-004**	**0.0000**	**1.2373**	**1.2373**	**3.0000e-005**	**3.0000e-005**	**1.2464**

3.6 Architectural Coating - 2024

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	1.5936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.0853	0.1267	2.1000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	17.8728	17.8728	1.0100e-003	0.0000	17.8979
Total	**1.6063**	**0.0853**	**0.1267**	**2.1000e-004**		**4.2600e-003**	**4.2600e-003**		**4.2600e-003**	**4.2600e-003**	**0.0000**	**17.8728**	**17.8728**	**1.0100e-003**	**0.0000**	**17.8979**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	7.6200e-003	0.1143	3.7000e-004	0.0461	2.3000e-004	0.0463	0.0122	2.1000e-004	0.0125	0.0000	34.6440	34.6440	7.4000e-004	7.9000e-004	34.8984
Total	**0.0112**	**7.6200e-003**	**0.1143**	**3.7000e-004**	**0.0461**	**2.3000e-004**	**0.0463**	**0.0122**	**2.1000e-004**	**0.0125**	**0.0000**	**34.6440**	**34.6440**	**7.4000e-004**	**7.9000e-004**	**34.8984**

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	1.5936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.0853	0.1267	2.1000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	17.8728	17.8728	1.0100e-003	0.0000	17.8979
Total	**1.6063**	**0.0853**	**0.1267**	**2.1000e-004**		**4.2600e-003**	**4.2600e-003**		**4.2600e-003**	**4.2600e-003**	**0.0000**	**17.8728**	**17.8728**	**1.0100e-003**	**0.0000**	**17.8979**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	7.6200e-003	0.1143	3.7000e-004	0.0141	2.3000e-004	0.0144	4.3900e-003	2.1000e-004	4.6100e-003	0.0000	34.6440	34.6440	7.4000e-004	7.9000e-004	34.8984
Total	**0.0112**	**7.6200e-003**	**0.1143**	**3.7000e-004**	**0.0141**	**2.3000e-004**	**0.0144**	**4.3900e-003**	**2.1000e-004**	**4.6100e-003**	**0.0000**	**34.6440**	**34.6440**	**7.4000e-004**	**7.9000e-004**	**34.8984**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.3886	1.5391	14.2568	0.0333	3.8042	0.0229	3.8271	1.0154	0.0213	1.0367	0.0000	3,152.2825	3,152.2825	0.1882	0.1295	3,195.5897
Unmitigated	1.3886	1.5391	14.2568	0.0333	3.8042	0.0229	3.8271	1.0154	0.0213	1.0367	0.0000	3,152.2825	3,152.2825	0.1882	0.1295	3,195.5897

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	1,598.58	1,598.58	1598.58	6,153,065	6,153,065
Fast Food Restaurant w/o Drive Thru	1,200.53	1,200.53	1200.53	3,244,330	3,244,330
High Turnover (Sit Down Restaurant)	218.57	218.57	218.57	701,062	701,062
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,017.68	3,017.68	3,017.68	10,098,457	10,098,457

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	90	0	10
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Condo/Townhouse High Rise	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Fast Food Restaurant w/o Drive Thru	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
High Turnover (Sit Down Restaurant)	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Other Asphalt Surfaces	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Parking Lot	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801
Recreational Swimming Pool	0.547453	0.060181	0.185039	0.126487	0.024236	0.006679	0.014707	0.004926	0.000662	0.000378	0.024745	0.000705	0.003801

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	132.7199	132.7199	0.0112	1.3600e-003	133.4046
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	211.5438	211.5438	0.0179	2.1600e-003	212.6351
NaturalGas Mitigated	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.2342	210.2342	4.0300e-003	3.8500e-003	211.4835
NaturalGas Unmitigated	0.0212	0.1850	0.1023	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.2342	210.2342	4.0300e-003	3.8500e-003	211.4835

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
Condo/Townhouse High Rise	2.77626e+006	0.0150	0.1279	0.0544	8.2000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	148.1516	148.1516	2.8400e-003	2.7200e-003	149.0320
Fast Food Restaurant w/o Drive Thru	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
High Turnover (Sit Down Restaurant)	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0213**	**0.1850**	**0.1023**	**1.1600e-003**		**0.0147**	**0.0147**		**0.0147**	**0.0147**	**0.0000**	**210.2342**	**210.2342**	**4.0200e-003**	**3.8600e-003**	**211.4835**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
Condo/Townhouse High Rise	2.77626e+006	0.0150	0.1279	0.0544	8.2000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	148.1516	148.1516	2.8400e-003	2.7200e-003	149.0320
Fast Food Restaurant w/o Drive Thru	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
High Turnover (Sit Down Restaurant)	581692	3.1400e-003	0.0285	0.0240	1.7000e-004		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	31.0413	31.0413	5.9000e-004	5.7000e-004	31.2258
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0213**	**0.1850**	**0.1023**	**1.1600e-003**		**0.0147**	**0.0147**		**0.0147**	**0.0147**	**0.0000**	**210.2342**	**210.2342**	**4.0200e-003**	**3.8600e-003**	**211.4835**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
Condo/Townhouse High Rise	1.01928e+006	180.7646	0.0153	1.8500e-003	181.6971
Fast Food Restaurant w/o Drive Thru	79987.5	14.1854	1.2000e-003	1.5000e-004	14.2586
High Turnover (Sit Down Restaurant)	79987.5	14.1854	1.2000e-003	1.5000e-004	14.2586
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	13580	2.4084	2.0000e-004	2.0000e-005	2.4208
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Total		**211.5438**	**0.0179**	**2.1700e-003**	**212.6351**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	-63495	-11.2606	-0.0010	-0.0001	-11.3187
Condo/Townhouse High Rise	955784	169.5040	0.0143	1.7300e-003	170.3785
Fast Food Restaurant w/o Drive Thru	16492.5	2.9249	2.5000e-004	3.0000e-005	2.9400
High Turnover (Sit Down Restaurant)	16492.5	2.9249	2.5000e-004	3.0000e-005	2.9400
Other Asphalt Surfaces	-63495	-11.2606	-0.0010	-0.0001	-11.3187
Parking Lot	-49915	-8.8522	-0.0008	-0.0001	-8.8979
Recreational Swimming Pool	-63495	-11.2606	-0.0010	-0.0001	-11.3187
Total		**132.7199**	**0.0112**	**1.3400e-003**	**133.4046**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Unmitigated	2.0502	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978

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	0.1594					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0772	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Total	**2.0502**	**0.0296**	**2.5668**	**1.4000e-004**		**0.0142**	**0.0142**		**0.0142**	**0.0142**	**0.0000**	**4.1972**	**4.1972**	**4.0200e-003**	**0.0000**	**4.2978**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1594					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0772	0.0296	2.5668	1.4000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	4.1972	4.1972	4.0200e-003	0.0000	4.2978
Total	**2.0502**	**0.0296**	**2.5668**	**1.4000e-004**		**0.0142**	**0.0142**		**0.0142**	**0.0142**	**0.0000**	**4.1972**	**4.1972**	**4.0200e-003**	**0.0000**	**4.2978**

7.0 Water Detail

7.1 Mitigation Measures Water

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	72.8850	0.5812	0.0143	91.6708
Unmitigated	72.8850	0.5812	0.0143	91.6708

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.08594	6.0803	5.1000e-004	6.0000e-005	6.1116
Condo/Townhouse High Rise	16.2234 / 10.2278	62.7620	0.5335	0.0131	79.9949
Fast Food Restaurant w/o Drive Thru	0.682951 / 0.0435926	1.8796	0.0224	5.4000e-004	2.6012
High Turnover (Sit Down Restaurant)	0.682951 / 0.0435926	1.8796	0.0224	5.4000e-004	2.6012
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.0739289 / 0.0453113	0.2835	2.4300e-003	6.0000e-005	0.3620
Total		**72.8850**	**0.5812**	**0.0143**	**91.6708**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.08594	6.0803	5.1000e-004	6.0000e-005	6.1116
Condo/Townhouse High Rise	16.2234 / 10.2278	62.7620	0.5335	0.0131	79.9949
Fast Food Restaurant w/o Drive Thru	0.682951 / 0.0435926	1.8796	0.0224	5.4000e-004	2.6012
High Turnover (Sit Down Restaurant)	0.682951 / 0.0435926	1.8796	0.0224	5.4000e-004	2.6012
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.0739289 / 0.0453113	0.2835	2.4300e-003	6.0000e-005	0.3620
Total		**72.8850**	**0.5812**	**0.0143**	**91.6708**

8.0 Waste Detail

8.1 Mitigation Measures Waste

0055.0089 Anaheim Ball Project - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	35.4402	2.0945	0.0000	87.8016
Unmitigated	35.4402	2.0945	0.0000	87.8016

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.22	0.0447	2.6400e-003	0.0000	0.1106
Condo/Townhouse High Rise	114.54	23.2506	1.3741	0.0000	57.6023
Fast Food Restaurant w/o Drive Thru	25.92	5.2615	0.3110	0.0000	13.0352
High Turnover (Sit Down Restaurant)	26.78	5.4361	0.3213	0.0000	13.4677
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	7.13	1.4473	0.0855	0.0000	3.5857
Total		**35.4402**	**2.0945**	**0.0000**	**87.8016**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.22	0.0447	2.6400e-003	0.0000	0.1106
Condo/Townhouse High Rise	114.54	23.2506	1.3741	0.0000	57.6023
Fast Food Restaurant w/o Drive Thru	25.92	5.2615	0.3110	0.0000	13.0352
High Turnover (Sit Down Restaurant)	26.78	5.4361	0.3213	0.0000	13.4677
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	7.13	1.4473	0.0855	0.0000	3.5857
Total		**35.4402**	**2.0945**	**0.0000**	**87.8016**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Anaheim/Ball Mixed Use Project

Construction HRA - Offroad Emissions (UNmitigated)

Project Site

Construction Dates	
Start of Construction	3/13/2023
End of Construction	12/13/2024

Construction Activity	Construction Start	Construction End	Const ruction Days Days	Total Onsite Emissions Tons
Demolition	3/13/2023	4/21/2023	30	1.50E-02
Grading	4/22/2023	6/2/2023	30	1.39E-02
Building Construction	6/3/2023	12/13/2024	400	1.19E-01
Paviong	7/27/2024	8/23/2024	20	4.69E-03
Architectural Coating	6/3/2024	12/13/2024	140	4.26E-03
			Total	1.57E-01

On-site Construction Activity Year 1 (3/13/2023 - 3/2/2024)	Start	End	Construction Days	UnMitigated Offroad DPM (tons/year)	UnMitigated Offroad DPM (lbs/year)	Average Offroad Emissions Over Year (*) (lbs/hr)	Average Offroad Emissions Over Year (*) (g/sec)
Demolition	3/13/2023	4/21/2023	30	1.500E-02	3.00E+01	3.425E-03	4.319E-04
Grading	4/22/2023	6/2/2023	30	1.390E-02	2.78E+01	3.174E-03	4.002E-04
Building Construction	6/3/2023	3/12/2024	202	6.015E-02	1.20E+02	1.373E-02	1.732E-03
		Total		8.905E-02	1.78E+02	2.033E-02	**2.564E-03**

(*) Average emissions over 24 hours per day (8760 hours)

On-site Construction Activity Year 2 (3/3/2024 - 12/13/2024)	Start	End	Construction Days	UnMitigated Offroad DPM (tons/year)	UnMitigated Offroad DPM (lbs/year)	Average Offroad Emissions Over Year (*) (lbs/hr)	Average Offroad Emissions Over Year (*) (g/sec)
Building Construction	3/13/2024	12/13/2024	198	5.895E-02	1.179E+02	1.346E-02	1.697E-03
Paving	7/27/2024	8/23/2024	20	4.690E-03	9.380E+00	1.071E-03	1.350E-04
Architectural Coating	6/3/2024	12/13/2024	140	4.260E-03	8.520E+00	9.726E-04	1.227E-04
		Total		6.790E-02	1.358E+02	1.550E-02	**1.955E-03**

(*) Average emissions over 24 hours per day (8760 hours)

AERMOD Hourly Emission Scalar Applied

3 for all construction hours (8 hours/day)
0 for all non-construction hours

Anaheim/Ball Mixed Use Project

Construction HRA - Offroad Emissions **Year 1: 3/13/2023 to 3/12/2024)**

Project Site

Estimation of Annual ONroad Construction Emissions

Start of Construction 3/13/2023
End of Construction 12/13/2024

On-site Construction Activity	Start	End	Construction Days	Onroad Haul Truck DPM (tons/year)	Onroad Vendor Truck DPM (tons/year)	Onroad Worker Vehicle DPM (tons/year)	Onroad Total (tons/year)
Demolition	3/13/2023	4/21/2023	30	5.00E-04	0.00E+00	1.00E-05	5.10E-04
Grading	4/22/2023	6/2/2023	30	0.00E+00	0.00E+00	2.00E-05	2.00E-05
Building Construction	6/3/2023	12/13/2024	400	0.00E+00	2.78E-03	0.00334	0.00612
Paviong	7/27/2024	8/23/2024	20	0.00E+00	0.00E+00	1.00E-05	1.00E-05
Architectural Coating	6/3/2024	12/13/2024	140	0.00E+00	0.00E+00	2.30E-04	2.30E-04
							6.89E-03

Offsite Construction Activity Year 1 (3/13/2023 - 3/2/2024)	Start	End	Construction Days	Onroad Haul Truck DPM (tons/year)	Onroad Vendor Truck DPM (tons/year)	Onroad Worker Vehicle DPM (tons/year)	Onroad Total (tons/year)
Demolition	3/13/2023	4/21/2023	30	5.00E-04	0.00E+00	1.00E-05	5.10E-04
Grading	4/22/2023	6/2/2023	30	0.00E+00	0.00E+00	2.00E-05	2.00E-05
Building Construction	6/3/2023	3/12/2024	202	0.00E+00	1.40E-03	1.69E-03	3.09E-03
	Total			5.00E-04	1.40E-03	1.72E-03	3.62E-03
			CalEEMod Travel Distance (miles)	40	6.9	14.7	
			Emissions (tons/year/mile)	1.250E-05	2.035E-04	1.168E-04	
			Emissions (grams/year/mile)	1.135E+01	1.847E+02	1.060E+02	

Assumption: Route 1: Project site along West BallRoad to Interstate 5 Travel Distance = 0.67 miles

Total Annual Emissions - Year 1

Route	Haul Truck (grams/year)	Vender Truck (grams/year)	Worker Vehicles (grams/year)	Total (grams/year)
1	7.587E+00	1.235E+02	7.088E+01	2.020E+02

Average Annual Emissions - Year 1

Route	Haul Truck (grams/sec)	Vender Truck (grams/sec)	Worker Vehicles (grams/sec)	Total (grams/sec)
1	2.406E-07	3.916E-06	2.248E-06	**6.404E-06**

Anaheim/Ball Mixed Use Project

Construction HRA - Onroad Emissions **Year 2: 3/13/2024 - 12/13/2024)**

Project Site

Estimation of Annual Onroad Construction Emissions

Start of Construction 3/13/2023
End of Construction 12/13/2024

On-site Construction Activity	Start	End	Construction Days	Onroad Haul Truck DPM (tons/year)	Onroad Vendor Truck DPM (tons/year)	Onroad Worker Vehicle DPM (tons/year)	Onroad Total (tons/year)
Demolition	3/13/2023	4/21/2023	30	5.00E-04	0.00E+00	1.00E-05	5.10E-04
Grading	4/22/2023	6/2/2023	30	0.00E+00	0.00E+00	2.00E-05	2.00E-05
Building Construction	6/3/2023	12/13/2024	400	0.00E+00	2.78E-03	3.34E-03	0.00612
Paviong	7/27/2024	8/23/2024	20	0.00E+00	0.00E+00	1.00E-05	1.00E-05
Architectural Coating	6/3/2024	12/13/2024	140	0.00E+00	0.00E+00	2.30E-04	2.30E-04
							6.89E-03

Offsite Construction Activity Year 2 (3/3/2024 - 12/13/2024)	Start	End	Construction Days	Onroad Haul Truck DPM (tons/year)	Onroad Vendor Truck DPM (tons/year)	Onroad Worker Vehicle DPM (tons/year)	Onroad Total (tons/year)
Building Construction	3/13/2024	12/13/2024	198	0.00E+00	1.38E-03	1.65E-03	3.03E-03
Paving	7/27/2024	8/23/2024	20	0.00E+00	0.00E+00	1.00E-05	1.00E-05
Architectural Coating	6/3/2024	12/13/2024	140	0.00E+00	0.00E+00	2.30E-04	2.30E-04
	Total			0.00E+00	1.38E-03	1.89E-03	3.27E-03
			CalEEMMod Travel Distance (miles)	40	6.9	14.7	
			Emissions (tons/year/mile)	0.000E+00	1.994E-04	1.288E-04	
			Emissions (grams/year/mile)	0.000E+00	1.811E+02	1.169E+02	

Assumption: Route 1: Project site along West BallRoad to Interstate 5 Travel Distance = 0.67 miles

Total Annual Emissions - Year 2

Route	Haul Truck (grams/year)	Vender Truck (grams/year)	Worker Vehicles (grams/year)	Total (grams/year)
1	0.000E+00	1.210E+02	7.817E+01	1.992E+02

Average Annual Emissions - Year 2

Route	Haul Truck (grams/sec)	Vender Truck (grams/sec)	Worker Vehicles (grams/sec)	Total (grams/sec)
1	0.000E+00	3.838E-06	2.479E-06	**6.317E-06**

Anaheim Ball Mixed Use Development Project **Unmitigated Construction Equipment** SAMPLE OUTPUT

Annual DPM Concentrations - Year 1

OnRoad Emission Rate (g/sec) 6.404E-06
OffRoad Emission Rate (g/sec) 2.564E-03

Max Sensitive	**3.72E-02**	**(ug/m3)**
Max Worker	**2.08E-01**	**(ug/m3)**

X (m)	Y (m)	OnRoad DPM Concentration w/Unit Emission (ug/m3)	OnRoad DPM Concentration w/Actual Emission (ug/m3)	OffRoad DPM Concentration w/Unit Emission (ug/m3)	OffRoad DPM Concentration w/Actual Emission (ug/m3)	Total DPM Concentration (ug/m3)	
416000.2	3742138.38	1.40781	9.02E-06	14.26697	3.658E-02	3.66E-02	Sensitive
416003.3	3742119.68	1.23499	7.91E-06	13.57824	3.481E-02	3.48E-02	Sensitive
416012.9	3742098.54	1.06653	6.83E-06	14.24132	3.651E-02	3.65E-02	Sensitive
416018.1	3742085.81	0.98281	6.29E-06	14.48989	3.715E-02	3.72E-02	Sensitive
416025.5	3742064.3	0.86526	5.54E-06	14.36035	3.682E-02	3.68E-02	Sensitive
415993	3742007.08	0.69369	4.44E-06	5.40734	1.386E-02	1.39E-02	Sensitive
415972	3742007.08	0.71174	4.56E-06	4.40804	1.130E-02	1.13E-02	Sensitive
415951.4	3742008.23	0.73215	4.69E-06	3.7547	9.626E-03	9.63E-03	Sensitive
415938.7	3742006.82	0.73722	4.72E-06	3.37904	8.663E-03	8.67E-03	Sensitive
415914.2	3742007.7	0.75762	4.85E-06	2.8954	7.423E-03	7.43E-03	Sensitive
415948.7	3741983.74	0.65993	4.23E-06	2.9454	7.552E-03	7.56E-03	Sensitive
415932.8	3741983.74	0.6703	4.29E-06	2.66534	6.834E-03	6.84E-03	Sensitive
415897.7	3742009.19	0.77379	4.96E-06	2.65256	6.801E-03	6.81E-03	Sensitive
415909.3	3741983.99	0.6853	4.39E-06	2.33822	5.995E-03	6.00E-03	Sensitive
415897.9	3741986.07	0.69799	4.47E-06	2.24005	5.743E-03	5.75E-03	Sensitive
415840.1	3742332.45	32.04603	2.05E-04	3.18685	8.171E-03	8.38E-03	Sensitive
415817.2	3742333.63	33.21607	2.13E-04	2.74063	7.027E-03	7.24E-03	Sensitive
415797.7	3742334.14	33.47386	2.14E-04	2.44445	6.267E-03	6.48E-03	Sensitive
415776.4	3742334.65	33.67142	2.16E-04	2.17912	5.587E-03	5.80E-03	Sensitive
415755.4	3742334.14	32.33539	2.07E-04	1.97156	5.055E-03	5.26E-03	Sensitive
415737.6	3742335.33	33.63383	2.15E-04	1.80981	4.640E-03	4.86E-03	Sensitive
415717.4	3742335.16	32.8153	2.10E-04	1.6619	4.261E-03	4.47E-03	Sensitive
415697.6	3742334.65	31.55587	2.02E-04	1.53784	3.943E-03	4.14E-03	Sensitive
415673.6	3742336.17	33.10622	2.12E-04	1.3973	3.582E-03	3.79E-03	Sensitive
415631.1	3742337.87	34.50647	2.21E-04	1.20094	3.079E-03	3.30E-03	Sensitive
415612.1	3742338.04	34.20549	2.19E-04	1.13029	2.898E-03	3.12E-03	Sensitive
415595.3	3742338.58	34.55532	2.21E-04	1.07238	2.749E-03	2.97E-03	Sensitive
415574.5	3742336.93	31.50607	2.02E-04	1.01426	2.600E-03	2.80E-03	Sensitive
415556.4	3742337.4	31.68188	2.03E-04	0.96304	2.469E-03	2.67E-03	Sensitive
415535.8	3742336.7	30.21167	1.93E-04	0.913	2.341E-03	2.53E-03	Sensitive
415516.3	3742336.23	29.1524	1.87E-04	0.8694	2.229E-03	2.42E-03	Sensitive
415493.8	3742337.87	30.67948	1.96E-04	0.81871	2.099E-03	2.30E-03	Sensitive
415638.9	3742382.64	43.55933	2.79E-04	1.03732	2.660E-03	2.94E-03	Sensitive
415694	3742380.53	45.54767	2.92E-04	1.24874	3.202E-03	3.49E-03	Sensitive
415730.1	3742380.3	44.5999	2.86E-04	1.42459	3.652E-03	3.94E-03	Sensitive
415417	3742332.72	23.56607	1.51E-04	0.69624	1.785E-03	1.94E-03	Sensitive
415400.8	3742341.39	33.06935	2.12E-04	0.6598	1.692E-03	1.90E-03	Sensitive
415387.7	3742342.56	34.48224	2.21E-04	0.64073	1.643E-03	1.86E-03	Sensitive
415860.3	3742334.81	36.39342	2.33E-04	3.63253	9.313E-03	9.55E-03	Sensitive

Anaheim Ball Mixed Use Development Project **Unmitigated Construction Equipment**

Annual DPM Concentrations - Year 2

OnRoad Emission Rate (g/sec) 6.404E-06
OffRoad Emission Rate (g/sec) 1.955E-03

Max Sensitive	**2.83E-02**	**(ug/m3)**
Max Worker	**1.58E-01**	**(ug/m3)**

X (m)	Y (m)	OnRoad DPM Concentration w/Unit Emission (ug/m3)	OnRoad DPM Concentration w/Actual Emission (ug/m3)	OffRoad DPM Concentration w/Unit Emission (ug/m3)	OffRoad DPM Concentration w/Actual Emission (ug/m3)	Total DPM Concentration (ug/m3)	
416000.2	3742138.38	1.40781	9.02E-06	14.26697	2.789E-02	2.79E-02	Sensitive
416003.3	3742119.68	1.23499	7.91E-06	13.57824	2.655E-02	2.66E-02	Sensitive
416012.9	3742098.54	1.06653	6.83E-06	14.24132	2.784E-02	2.79E-02	Sensitive
416018.1	3742085.81	0.98281	6.29E-06	14.48989	2.833E-02	2.83E-02	Sensitive
416025.5	3742064.3	0.86526	5.54E-06	14.36035	2.808E-02	2.81E-02	Sensitive
415993	3742007.08	0.69369	4.44E-06	5.40734	1.057E-02	1.06E-02	Sensitive
415972	3742007.08	0.71174	4.56E-06	4.40804	8.618E-03	8.62E-03	Sensitive
415951.4	3742008.23	0.73215	4.69E-06	3.7547	7.341E-03	7.35E-03	Sensitive
415938.7	3742006.82	0.73722	4.72E-06	3.37904	6.606E-03	6.61E-03	Sensitive
415914.2	3742007.7	0.75762	4.85E-06	2.8954	5.661E-03	5.67E-03	Sensitive
415948.7	3741983.74	0.65993	4.23E-06	2.9454	5.759E-03	5.76E-03	Sensitive
415932.8	3741983.74	0.6703	4.29E-06	2.66534	5.211E-03	5.22E-03	Sensitive
415897.7	3742009.19	0.77379	4.96E-06	2.65256	5.186E-03	5.19E-03	Sensitive
415909.3	3741983.99	0.6853	4.39E-06	2.33822	4.572E-03	4.58E-03	Sensitive
415897.9	3741986.07	0.69799	4.47E-06	2.24005	4.380E-03	4.38E-03	Sensitive
415840.1	3742332.45	32.04603	2.05E-04	3.18685	6.231E-03	6.44E-03	Sensitive
415817.2	3742333.63	33.21607	2.13E-04	2.74063	5.358E-03	5.57E-03	Sensitive
415797.7	3742334.14	33.47386	2.14E-04	2.44445	4.779E-03	4.99E-03	Sensitive
415776.4	3742334.65	33.67142	2.16E-04	2.17912	4.260E-03	4.48E-03	Sensitive
415755.4	3742334.14	32.33539	2.07E-04	1.97156	3.855E-03	4.06E-03	Sensitive
415737.6	3742335.33	33.63383	2.15E-04	1.80981	3.538E-03	3.75E-03	Sensitive
415717.4	3742335.16	32.8153	2.10E-04	1.6619	3.249E-03	3.46E-03	Sensitive
415697.6	3742334.65	31.55587	2.02E-04	1.53784	3.007E-03	3.21E-03	Sensitive
415673.6	3742336.17	33.10622	2.12E-04	1.3973	2.732E-03	2.94E-03	Sensitive
415631.1	3742337.87	34.50647	2.21E-04	1.20094	2.348E-03	2.57E-03	Sensitive
415612.1	3742338.04	34.20549	2.19E-04	1.13029	2.210E-03	2.43E-03	Sensitive
415595.3	3742338.58	34.55532	2.21E-04	1.07238	2.097E-03	2.32E-03	Sensitive
415574.5	3742336.93	31.50607	2.02E-04	1.01426	1.983E-03	2.18E-03	Sensitive
415556.4	3742337.4	31.68188	2.03E-04	0.96304	1.883E-03	2.09E-03	Sensitive
415535.8	3742336.7	30.21167	1.93E-04	0.913	1.785E-03	1.98E-03	Sensitive
415516.3	3742336.23	29.1524	1.87E-04	0.8694	1.700E-03	1.89E-03	Sensitive
415493.8	3742337.87	30.67948	1.96E-04	0.81871	1.601E-03	1.80E-03	Sensitive
415638.9	3742382.64	43.55933	2.79E-04	1.03732	2.028E-03	2.31E-03	Sensitive
415694	3742380.53	45.54767	2.92E-04	1.24874	2.441E-03	2.73E-03	Sensitive
415730.1	3742380.3	44.5999	2.86E-04	1.42459	2.785E-03	3.07E-03	Sensitive
415417	3742332.72	23.56607	1.51E-04	0.69624	1.361E-03	1.51E-03	Sensitive
415400.8	3742341.39	33.06935	2.12E-04	0.6598	1.290E-03	1.50E-03	Sensitive
415387.7	3742342.56	34.48224	2.21E-04	0.64073	1.253E-03	1.47E-03	Sensitive
415860.3	3742334.81	36.39342	2.33E-04	3.63253	7.102E-03	7.34E-03	Sensitive

Anaheim Ball Mixed Use Project
Construction HRA

SCAQMD Guidance	**Residential**	**Unmitigated Construction Equipment**	**OEHHA New Total Cancer risk**
			9.57

Year	Year	Total DPM (ug/m3)	CPF (mg/kg-day)^-1	90% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Construction Risk (risk/million)
3rd Trimester	2023	0.0372	1.1	361	0.25	350	25550	0.85	10	0.43
1	2023	0.0372	1.1	1090	1	350	25550	0.85	10	5.19
2	2024	0.0283	1.1	1090	1	350	25550	0.85	10	3.96
3	2025	0.0000	1.1	745	1	350	25550	0.72	3	0.00
4	2026	0.0000	1.1	745	1	350	25550	0.72	3	0.00
5	2025	0.0000	1.1	745	1	350	25550	0.72	3	0.00
6	2026	0.0000	1.1	745	1	350	25550	0.72	3	0.00
7	2027	0.0000	1.1	745	1	350	25550	0.72	3	0.00
8	2028	0.0000	1.1	745	1	350	25550	0.72	3	0.00
9	2029	0.0000	1.1	745	1	350	25550	0.72	3	0.00
10	2030	0.0000	1.1	745	1	350	25550	0.72	3	0.00
11	2031	0.0000	1.1	745	1	350	25550	0.72	3	0.00
12	2032	0.0000	1.1	745	1	350	25550	0.72	3	0.00
13	2033	0.0000	1.1	745	1	350	25550	0.72	3	0.00
14	2034	0.0000	1.1	745	1	350	25550	0.72	3	0.00
15	2035	0.0000	1.1	745	1	350	25550	0.72	3	0.00
16	2036	0.0000	1.1	745	1	350	25550	0.72	3	0.00
17	2037	0.0000	1.1	335	1	350	25550	0.73	1	0.00
18	2038	0.0000	1.1	335	1	350	25550	0.73	1	0.00
19	2039	0.0000	1.1	335	1	350	25550	0.73	1	0.00
20	2040	0.0000	1.1	335	1	350	25550	0.73	1	0.00
21	2041	0.0000	1.1	335	1	350	25550	0.73	1	0.00
22	2042	0.0000	1.1	335	1	350	25550	0.73	1	0.00
23	2043	0.0000	1.1	335	1	350	25550	0.73	1	0.00
24	2044	0.0000	1.1	335	1	350	25550	0.73	1	0.00
25	2045	0.0000	1.1	335	1	350	25550	0.73	1	0.00
26	2046	0.0000	1.1	335	1	350	25550	0.73	1	0.00
27	2047	0.0000	1.1	335	1	350	25550	0.73	1	0.00
28	2048	0.0000	1.1	335	1	350	25550	0.73	1	0.00
29	2049	0.0000	1.1	335	1	350	25550	0.73	1	0.00
30	2050	0.0000	1.1	335	1	350	25550	0.73	1	0.00

Anaheim Ball Mixed Use Project **Unmitigated Construction Equipment**

Construction HRA

OEHHA New Total Cancer risk

SCAQMD Guidance **Adult**

0.24

Year	Year	Total DPM (ug/m3)	CPF (mg/kg-day)^-1	90% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Construction Risk (risk/million)
1	2023	0.0372	1.1	335	1	350	25550	0.73	1	0.14
2	2024	0.0283	1.1	335	1	350	25550	0.73	1	0.10
3	2025	0.0000	1.1	335	1	350	25550	0.73	1	0.00
4	2026	0.0000	1.1	335	1	350	25550	0.73	1	0.00
5	2025	0.0000	1.1	335	1	350	25550	0.73	1	0.00
6	2026	0.0000	1.1	335	1	350	25550	0.73	1	0.00
7	2027	0.0000	1.1	335	1	350	25550	0.73	1	0.00
8	2028	0.0000	1.1	335	1	350	25550	0.73	1	0.00
9	2029	0.0000	1.1	335	1	350	25550	0.73	1	0.00
10	2030	0.0000	1.1	335	1	350	25550	0.73	1	0.00
11	2031	0.0000	1.1	335	1	350	25550	0.73	1	0.00
12	2032	0.0000	1.1	335	1	350	25550	0.73	1	0.00
13	2033	0.0000	1.1	335	1	350	25550	0.73	1	0.00
14	2034	0.0000	1.1	335	1	350	25550	0.73	1	0.00
15	2035	0.0000	1.1	335	1	350	25550	0.73	1	0.00
16	2036	0.0000	1.1	335	1	350	25550	0.73	1	0.00
17	2037	0.0000	1.1	335	1	350	25550	0.73	1	0.00
18	2038	0.0000	1.1	335	1	350	25550	0.73	1	0.00
19	2039	0.0000	1.1	335	1	350	25550	0.73	1	0.00
20	2040	0.0000	1.1	335	1	350	25550	0.73	1	0.00
21	2041	0.0000	1.1	335	1	350	25550	0.73	1	0.00
22	2042	0.0000	1.1	335	1	350	25550	0.73	1	0.00
23	2043	0.0000	1.1	335	1	350	25550	0.73	1	0.00
24	2044	0.0000	1.1	335	1	350	25550	0.73	1	0.00
25	2045	0.0000	1.1	335	1	350	25550	0.73	1	0.00
26	2046	0.0000	1.1	335	1	350	25550	0.73	1	0.00
27	2047	0.0000	1.1	335	1	350	25550	0.73	1	0.00
28	2048	0.0000	1.1	335	1	350	25550	0.73	1	0.00
29	2049	0.0000	1.1	335	1	350	25550	0.73	1	0.00
30	2050	0.0000	1.1	335	1	350	25550	0.73	1	0.00

Anaheim Ball Mixed Use Project **Unmitigated Construction Equipment**
Construction HRA

SCAQMD Guidance **Worker** **Total Cancer Risk w/WAF:** **3.81** **risk/million**

Worker Adjustment Factor (WAF): 4.2

Year	Year	Total DPM (ug/m3)	Total DPM Concentration w/WAF	CPF (mg/kg-day)^-1	(l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Construction Risk (risk/million)
1	2023	0.2077	0.8724	1.1	230	1	250	25550	1	1	2.16
2	2024	0.1584	0.6653	1.1	230	1	250	25550	1	1	1.65
3	2025	0.0000	0.0000	1.1	230	1	250	25550	1	1	0.00
4	2026	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
5	2027	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
6	2028	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
7	2029	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
8	2030	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
9	2031	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
10	2032	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
11	2033	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
12	2034	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
13	2035	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
14	2036	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
15	2037	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
16	2038	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
17	2039	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
18	2040	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
19	2041	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
20	2042	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
21	2043	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
22	2044	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
23	2045	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
24	2046	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00
25	2047	0.0000	0.0000	1.1	230	1	350	25550	1	1	0.00

Anaheim Ball Development Project **Unmitigated Construction Equipment**

Chronic Non-cancer Hazard Index

DPM Relative Exposure Level	5	ug/m3
Maximum Annual DPM Concentration:	2.08E-01	ug/m3
Chronic Noncancer Hazard Index	4.15E-02	

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
PAGE 1
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for 101 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; 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: UNITEMIS

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

**This Run Includes: 101 Source(s); 2 Source Group(s); and 712 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 100 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 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) = 29.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

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

**Detailed Error/Message File: Anaball_Con.err
**File for Summary of Results: Anaball_Con.sum
♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.10000E-01	415028.8	3742372.9	44.4	3.11	5.00	1.45	YES	HROFDY
L0000002	0	0.10000E-01	415039.5	3742372.7	44.4	3.11	5.00	1.45	YES	HROFDY
L0000003	0	0.10000E-01	415050.3	3742372.5	44.4	3.11	5.00	1.45	YES	HROFDY
L0000004	0	0.10000E-01	415061.0	3742372.3	44.4	3.11	5.00	1.45	YES	HROFDY
L0000005	0	0.10000E-01	415071.8	3742372.1	44.5	3.11	5.00	1.45	YES	HROFDY
L0000006	0	0.10000E-01	415082.5	3742371.9	44.6	3.11	5.00	1.45	YES	HROFDY
L0000007	0	0.10000E-01	415093.3	3742371.7	44.6	3.11	5.00	1.45	YES	HROFDY
L0000008	0	0.10000E-01	415104.0	3742371.5	44.7	3.11	5.00	1.45	YES	HROFDY
L0000009	0	0.10000E-01	415114.8	3742371.2	44.7	3.11	5.00	1.45	YES	HROFDY
L0000010	0	0.10000E-01	415125.5	3742371.0	44.8	3.11	5.00	1.45	YES	HROFDY
L0000011	0	0.10000E-01	415136.3	3742370.8	45.5	3.11	5.00	1.45	YES	HROFDY
L0000012	0	0.10000E-01	415147.0	3742370.6	46.4	3.11	5.00	1.45	YES	HROFDY
L0000013	0	0.10000E-01	415157.8	3742370.4	47.0	3.11	5.00	1.45	YES	HROFDY
L0000014	0	0.10000E-01	415168.5	3742370.2	46.9	3.11	5.00	1.45	YES	HROFDY
L0000015	0	0.10000E-01	415179.3	3742370.0	46.8	3.11	5.00	1.45	YES	HROFDY
L0000016	0	0.10000E-01	415190.1	3742369.8	46.3	3.11	5.00	1.45	YES	HROFDY
L0000017	0	0.10000E-01	415200.8	3742369.6	45.8	3.11	5.00	1.45	YES	HROFDY
L0000018	0	0.10000E-01	415211.6	3742369.4	45.4	3.11	5.00	1.45	YES	HROFDY
L0000019	0	0.10000E-01	415222.3	3742369.2	45.0	3.11	5.00	1.45	YES	HROFDY
L0000020	0	0.10000E-01	415233.1	3742369.0	44.7	3.11	5.00	1.45	YES	HROFDY
L0000021	0	0.10000E-01	415243.8	3742368.8	44.5	3.11	5.00	1.45	YES	HROFDY
L0000022	0	0.10000E-01	415254.6	3742368.6	44.4	3.11	5.00	1.45	YES	HROFDY
L0000023	0	0.10000E-01	415265.3	3742368.4	44.4	3.11	5.00	1.45	YES	HROFDY
L0000024	0	0.10000E-01	415276.1	3742368.2	44.5	3.11	5.00	1.45	YES	HROFDY
L0000025	0	0.10000E-01	415286.8	3742368.0	44.5	3.11	5.00	1.45	YES	HROFDY
L0000026	0	0.10000E-01	415297.6	3742367.7	44.5	3.11	5.00	1.45	YES	HROFDY
L0000027	0	0.10000E-01	415308.3	3742367.5	44.5	3.11	5.00	1.45	YES	HROFDY
L0000028	0	0.10000E-01	415319.1	3742367.3	44.5	3.11	5.00	1.45	YES	HROFDY
L0000029	0	0.10000E-01	415329.8	3742367.1	44.5	3.11	5.00	1.45	YES	HROFDY
L0000030	0	0.10000E-01	415340.6	3742366.9	44.6	3.11	5.00	1.45	YES	HROFDY
L0000031	0	0.10000E-01	415351.3	3742366.7	44.6	3.11	5.00	1.45	YES	HROFDY
L0000032	0	0.10000E-01	415362.1	3742366.5	44.6	3.11	5.00	1.45	YES	HROFDY
L0000033	0	0.10000E-01	415372.8	3742366.3	44.6	3.11	5.00	1.45	YES	HROFDY
L0000034	0	0.10000E-01	415383.6	3742366.1	44.7	3.11	5.00	1.45	YES	HROFDY

L0000035	0	0.10000E-01	415394.4	3742365.9	44.7	3.11	5.00	1.45	YES	HROFDY
L0000036	0	0.10000E-01	415405.1	3742365.7	44.7	3.11	5.00	1.45	YES	HROFDY
L0000037	0	0.10000E-01	415415.9	3742365.5	44.7	3.11	5.00	1.45	YES	HROFDY
L0000038	0	0.10000E-01	415426.6	3742365.3	44.7	3.11	5.00	1.45	YES	HROFDY
L0000039	0	0.10000E-01	415437.4	3742365.1	44.8	3.11	5.00	1.45	YES	HROFDY
L0000040	0	0.10000E-01	415448.1	3742364.9	44.7	3.11	5.00	1.45	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.10000E-01	415458.9	3742364.7	44.7	3.11	5.00	1.45	YES	HROFDY
L0000042	0	0.10000E-01	415469.6	3742364.4	44.8	3.11	5.00	1.45	YES	HROFDY
L0000043	0	0.10000E-01	415480.4	3742364.2	44.8	3.11	5.00	1.45	YES	HROFDY
L0000044	0	0.10000E-01	415491.1	3742364.0	44.9	3.11	5.00	1.45	YES	HROFDY
L0000045	0	0.10000E-01	415501.9	3742363.8	44.9	3.11	5.00	1.45	YES	HROFDY
L0000046	0	0.10000E-01	415512.6	3742363.6	44.9	3.11	5.00	1.45	YES	HROFDY
L0000047	0	0.10000E-01	415523.4	3742363.4	44.9	3.11	5.00	1.45	YES	HROFDY
L0000048	0	0.10000E-01	415534.1	3742363.2	45.0	3.11	5.00	1.45	YES	HROFDY
L0000049	0	0.10000E-01	415544.9	3742363.0	45.0	3.11	5.00	1.45	YES	HROFDY
L0000050	0	0.10000E-01	415555.6	3742362.8	45.0	3.11	5.00	1.45	YES	HROFDY
L0000051	0	0.10000E-01	415566.4	3742362.6	45.0	3.11	5.00	1.45	YES	HROFDY
L0000052	0	0.10000E-01	415577.2	3742362.4	45.1	3.11	5.00	1.45	YES	HROFDY
L0000053	0	0.10000E-01	415587.9	3742362.2	45.1	3.11	5.00	1.45	YES	HROFDY
L0000054	0	0.10000E-01	415598.7	3742362.0	45.1	3.11	5.00	1.45	YES	HROFDY
L0000055	0	0.10000E-01	415609.4	3742361.8	45.1	3.11	5.00	1.45	YES	HROFDY
L0000056	0	0.10000E-01	415620.2	3742361.6	45.2	3.11	5.00	1.45	YES	HROFDY
L0000057	0	0.10000E-01	415630.9	3742361.4	45.2	3.11	5.00	1.45	YES	HROFDY
L0000058	0	0.10000E-01	415641.7	3742361.1	45.2	3.11	5.00	1.45	YES	HROFDY
L0000059	0	0.10000E-01	415652.4	3742360.9	45.2	3.11	5.00	1.45	YES	HROFDY
L0000060	0	0.10000E-01	415663.2	3742360.7	45.2	3.11	5.00	1.45	YES	HROFDY
L0000061	0	0.10000E-01	415673.9	3742360.5	45.2	3.11	5.00	1.45	YES	HROFDY
L0000062	0	0.10000E-01	415684.7	3742360.3	45.3	3.11	5.00	1.45	YES	HROFDY
L0000063	0	0.10000E-01	415695.4	3742360.1	45.3	3.11	5.00	1.45	YES	HROFDY
L0000064	0	0.10000E-01	415706.2	3742359.9	45.4	3.11	5.00	1.45	YES	HROFDY
L0000065	0	0.10000E-01	415716.9	3742359.7	45.4	3.11	5.00	1.45	YES	HROFDY
L0000066	0	0.10000E-01	415727.7	3742359.5	45.4	3.11	5.00	1.45	YES	HROFDY
L0000067	0	0.10000E-01	415738.4	3742359.3	45.5	3.11	5.00	1.45	YES	HROFDY
L0000068	0	0.10000E-01	415749.2	3742359.1	45.5	3.11	5.00	1.45	YES	HROFDY
L0000069	0	0.10000E-01	415760.0	3742358.9	45.5	3.11	5.00	1.45	YES	HROFDY
L0000070	0	0.10000E-01	415770.7	3742358.7	45.5	3.11	5.00	1.45	YES	HROFDY
L0000071	0	0.10000E-01	415781.5	3742358.5	45.5	3.11	5.00	1.45	YES	HROFDY
L0000072	0	0.10000E-01	415792.2	3742358.3	45.6	3.11	5.00	1.45	YES	HROFDY
L0000073	0	0.10000E-01	415803.0	3742358.1	45.6	3.11	5.00	1.45	YES	HROFDY
L0000074	0	0.10000E-01	415813.7	3742357.8	45.7	3.11	5.00	1.45	YES	HROFDY
L0000075	0	0.10000E-01	415824.5	3742357.6	45.8	3.11	5.00	1.45	YES	HROFDY
L0000076	0	0.10000E-01	415835.2	3742357.4	45.9	3.11	5.00	1.45	YES	HROFDY
L0000077	0	0.10000E-01	415846.0	3742357.2	45.9	3.11	5.00	1.45	YES	HROFDY
L0000078	0	0.10000E-01	415856.7	3742357.0	45.9	3.11	5.00	1.45	YES	HROFDY
L0000079	0	0.10000E-01	415867.5	3742356.8	45.9	3.11	5.00	1.45	YES	HROFDY
L0000080	0	0.10000E-01	415878.2	3742356.6	46.0	3.11	5.00	1.45	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.10000E-01	415889.0	3742356.4	46.1	3.11	5.00	1.45	YES	HROFDY
L0000082	0	0.10000E-01	415899.7	3742356.2	46.1	3.11	5.00	1.45	YES	HROFDY
L0000083	0	0.10000E-01	415910.5	3742356.0	46.2	3.11	5.00	1.45	YES	HROFDY
L0000084	0	0.10000E-01	415921.2	3742355.8	46.2	3.11	5.00	1.45	YES	HROFDY
L0000085	0	0.10000E-01	415932.0	3742355.6	46.3	3.11	5.00	1.45	YES	HROFDY
L0000086	0	0.10000E-01	415942.8	3742355.4	46.3	3.11	5.00	1.45	YES	HROFDY
L0000087	0	0.10000E-01	415953.5	3742355.2	46.3	3.11	5.00	1.45	YES	HROFDY
L0000088	0	0.10000E-01	415964.3	3742355.0	46.3	3.11	5.00	1.45	YES	HROFDY
L0000089	0	0.10000E-01	415975.0	3742354.8	46.2	3.11	5.00	1.45	YES	HROFDY
L0000090	0	0.10000E-01	415985.8	3742354.5	46.3	3.11	5.00	1.45	YES	HROFDY
L0000091	0	0.10000E-01	415996.5	3742354.3	46.3	3.11	5.00	1.45	YES	HROFDY
L0000092	0	0.10000E-01	416007.3	3742354.1	46.4	3.11	5.00	1.45	YES	HROFDY
L0000093	0	0.10000E-01	416018.0	3742353.9	46.5	3.11	5.00	1.45	YES	HROFDY
L0000094	0	0.10000E-01	416028.8	3742353.7	46.5	3.11	5.00	1.45	YES	HROFDY
L0000095	0	0.10000E-01	416039.5	3742353.5	46.5	3.11	5.00	1.45	YES	HROFDY
L0000096	0	0.10000E-01	416050.3	3742353.3	46.5	3.11	5.00	1.45	YES	HROFDY
L0000097	0	0.10000E-01	416061.0	3742353.1	46.5	3.11	5.00	1.45	YES	HROFDY
L0000098	0	0.10000E-01	416071.8	3742352.9	46.6	3.11	5.00	1.45	YES	HROFDY
L0000099	0	0.10000E-01	416082.5	3742352.7	46.6	3.11	5.00	1.45	YES	HROFDY
L0000100	0	0.10000E-01	416093.3	3742352.5	46.6	3.11	5.00	1.45	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
OFFROAD	0	0.24200E-04	415994.5	3742316.6	46.6	1.52	8	0.00	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
OFFROAD	OFFROAD ,
ONROAD	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 ,

L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,

L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,

L0000097 , L0000098 , L0000099 , L0000100 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

3010232. OFFROAD , 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 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 ,

L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 ,

L0000096 , L0000097 , L0000098 , L0000099 , L0000100 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = OFFROAD ; SOURCE TYPE = AREAPOLY :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01

13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01

13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.30000E+01	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00

7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000092 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .30000E+01 9 .30000E+01 10 .30000E+01 11 .30000E+01 12 .30000E+01
13 .30000E+01 14 .30000E+01 15 .30000E+01 16 .00000E+00 17 .00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23 .00000E+00 24 .00000E+00

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

(416000.2, 3742138.4, 45.9, 45.9, 0.0); (416003.3, 3742119.7, 45.9, 45.9, 0.0);
(416012.9, 3742098.5, 45.9, 45.9, 0.0); (416018.1, 3742085.8, 45.9, 45.9, 0.0);
(416025.5, 3742064.3, 46.0, 46.0, 0.0); (415993.0, 3742007.1, 45.2, 45.2, 0.0);

(415972.0, 3742007.1,	45.2,	45.2,	0.0);	(415951.4, 3742008.2,	45.2,	45.2,	0.0);
(415938.6, 3742006.8,	45.2,	45.2,	0.0);	(415914.2, 3742007.7,	45.1,	45.1,	0.0);
(415948.7, 3741983.7,	45.3,	45.3,	0.0);	(415932.8, 3741983.7,	45.3,	45.3,	0.0);
(415897.7, 3742009.2,	45.1,	45.1,	0.0);	(415909.3, 3741984.0,	45.2,	45.2,	0.0);
(415897.9, 3741986.1,	45.2,	45.2,	0.0);	(415840.0, 3742332.4,	46.0,	46.0,	0.0);
(415817.2, 3742333.6,	45.9,	45.9,	0.0);	(415797.7, 3742334.1,	45.8,	45.8,	0.0);
(415776.4, 3742334.6,	45.7,	45.7,	0.0);	(415755.4, 3742334.1,	45.7,	45.7,	0.0);
(415737.6, 3742335.3,	45.6,	45.6,	0.0);	(415717.4, 3742335.2,	45.5,	45.5,	0.0);
(415697.6, 3742334.6,	45.5,	45.5,	0.0);	(415673.6, 3742336.2,	45.5,	45.5,	0.0);
(415631.1, 3742337.9,	45.4,	45.4,	0.0);	(415612.1, 3742338.0,	45.4,	45.4,	0.0);
(415595.3, 3742338.6,	45.4,	45.4,	0.0);	(415574.5, 3742336.9,	45.3,	45.3,	0.0);
(415556.4, 3742337.4,	45.2,	45.2,	0.0);	(415535.8, 3742336.7,	45.1,	45.1,	0.0);
(415516.3, 3742336.2,	45.1,	45.1,	0.0);	(415493.8, 3742337.9,	45.1,	45.1,	0.0);
(415638.9, 3742382.6,	45.3,	45.3,	0.0);	(415694.0, 3742380.5,	45.4,	45.4,	0.0);
(415730.1, 3742380.3,	45.5,	45.5,	0.0);	(415417.0, 3742332.7,	44.9,	44.9,	0.0);
(415400.8, 3742341.4,	44.9,	44.9,	0.0);	(415387.6, 3742342.6,	44.9,	44.9,	0.0);
(415860.3, 3742334.8,	46.0,	46.0,	0.0);	(414825.7, 3741754.5,	40.8,	40.8,	0.0);
(414875.7, 3741754.5,	41.9,	41.9,	0.0);	(414925.7, 3741754.5,	41.5,	41.5,	0.0);
(414975.7, 3741754.5,	41.7,	41.7,	0.0);	(415025.7, 3741754.5,	42.2,	42.2,	0.0);
(415075.7, 3741754.5,	42.2,	42.2,	0.0);	(415125.7, 3741754.5,	42.2,	42.2,	0.0);
(415175.7, 3741754.5,	41.9,	41.9,	0.0);	(415225.7, 3741754.5,	42.8,	42.8,	0.0);
(415275.7, 3741754.5,	44.3,	44.3,	0.0);	(415325.7, 3741754.5,	44.3,	44.3,	0.0);
(415375.7, 3741754.5,	43.4,	43.4,	0.0);	(415425.7, 3741754.5,	43.4,	43.4,	0.0);
(415475.7, 3741754.5,	43.9,	43.9,	0.0);	(415525.7, 3741754.5,	45.4,	45.4,	0.0);
(415575.7, 3741754.5,	45.6,	45.6,	0.0);	(415625.7, 3741754.5,	43.9,	43.9,	0.0);
(415675.7, 3741754.5,	44.1,	44.1,	0.0);	(415725.7, 3741754.5,	44.1,	44.1,	0.0);
(415775.7, 3741754.5,	44.3,	44.3,	0.0);	(415825.7, 3741754.5,	44.5,	44.5,	0.0);
(415875.7, 3741754.5,	44.6,	44.6,	0.0);	(415925.7, 3741754.5,	44.8,	44.8,	0.0);
(415975.7, 3741754.5,	45.1,	45.1,	0.0);	(416025.7, 3741754.5,	45.1,	45.1,	0.0);
(416075.7, 3741754.5,	45.3,	45.3,	0.0);	(416125.7, 3741754.5,	45.3,	45.3,	0.0);
(416175.7, 3741754.5,	45.9,	45.9,	0.0);	(416225.7, 3741754.5,	46.1,	46.1,	0.0);
(416275.7, 3741754.5,	46.2,	46.2,	0.0);	(416325.7, 3741754.5,	46.2,	46.2,	0.0);
(416375.7, 3741754.5,	46.2,	46.2,	0.0);	(416425.7, 3741754.5,	46.4,	46.4,	0.0);
(416475.7, 3741754.5,	46.5,	46.5,	0.0);	(416525.7, 3741754.5,	47.2,	47.2,	0.0);
(414825.7, 3741804.5,	43.3,	43.3,	0.0);	(414875.7, 3741804.5,	42.4,	42.4,	0.0);
(414925.7, 3741804.5,	42.7,	42.7,	0.0);	(414975.7, 3741804.5,	42.9,	42.9,	0.0);
(415025.7, 3741804.5,	43.2,	43.2,	0.0);	(415075.7, 3741804.5,	44.0,	44.0,	0.0);
(415125.7, 3741804.5,	42.0,	45.6,	0.0);	(415175.7, 3741804.5,	44.0,	46.1,	0.0);
(415225.7, 3741804.5,	44.3,	44.3,	0.0);	(415275.7, 3741804.5,	46.1,	46.1,	0.0);
(415325.7, 3741804.5,	43.7,	46.9,	0.0);	(415375.7, 3741804.5,	44.2,	44.2,	0.0);
(415425.7, 3741804.5,	44.5,	44.5,	0.0);	(415475.7, 3741804.5,	45.2,	45.2,	0.0);
(415525.7, 3741804.5,	45.7,	45.7,	0.0);	(415575.7, 3741804.5,	44.3,	44.3,	0.0);

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(415625.7, 3741804.5,	44.3,	44.3,	0.0);	(415675.7, 3741804.5,	44.3,	44.3,	0.0);
(415725.7, 3741804.5,	44.3,	44.3,	0.0);	(415775.7, 3741804.5,	44.3,	44.3,	0.0);
(415825.7, 3741804.5,	44.7,	44.7,	0.0);	(415875.7, 3741804.5,	45.3,	45.3,	0.0);
(415925.7, 3741804.5,	45.4,	45.4,	0.0);	(415975.7, 3741804.5,	46.1,	46.1,	0.0);
(416025.7, 3741804.5,	46.1,	46.1,	0.0);	(416075.7, 3741804.5,	45.8,	45.8,	0.0);
(416125.7, 3741804.5,	46.0,	46.0,	0.0);	(416175.7, 3741804.5,	46.0,	46.0,	0.0);
(416225.7, 3741804.5,	46.0,	46.0,	0.0);	(416275.7, 3741804.5,	46.2,	46.2,	0.0);
(416325.7, 3741804.5,	46.3,	46.3,	0.0);	(416375.7, 3741804.5,	46.2,	46.2,	0.0);
(416425.7, 3741804.5,	46.2,	46.2,	0.0);	(416475.7, 3741804.5,	46.7,	46.7,	0.0);
(416525.7, 3741804.5,	47.5,	47.5,	0.0);	(414825.7, 3741854.5,	43.1,	49.8,	0.0);
(414875.7, 3741854.5,	42.3,	49.8,	0.0);	(414925.7, 3741854.5,	43.3,	43.3,	0.0);
(414975.7, 3741854.5,	42.9,	42.9,	0.0);	(415025.7, 3741854.5,	42.8,	42.8,	0.0);

(415075.7, 3741854.5, 43.6, 43.6, 0.0); (415125.7, 3741854.5, 42.1, 46.1, 0.0);
(415175.7, 3741854.5, 46.3, 46.3, 0.0); (415225.7, 3741854.5, 45.4, 45.4, 0.0);
(415275.7, 3741854.5, 48.1, 48.1, 0.0); (415325.7, 3741854.5, 44.2, 44.2, 0.0);
(415375.7, 3741854.5, 44.6, 44.6, 0.0); (415425.7, 3741854.5, 45.1, 45.1, 0.0);
(415475.7, 3741854.5, 45.6, 45.6, 0.0); (415525.7, 3741854.5, 44.5, 44.5, 0.0);
(415575.7, 3741854.5, 44.4, 44.4, 0.0); (415625.7, 3741854.5, 44.4, 44.4, 0.0);
(415675.7, 3741854.5, 44.4, 44.4, 0.0); (415725.7, 3741854.5, 44.4, 44.4, 0.0);
(415775.7, 3741854.5, 44.6, 44.6, 0.0); (415825.7, 3741854.5, 44.9, 44.9, 0.0);
(415875.7, 3741854.5, 45.4, 45.4, 0.0); (415925.7, 3741854.5, 45.5, 45.5, 0.0);
(415975.7, 3741854.5, 45.7, 45.7, 0.0); (416025.7, 3741854.5, 46.0, 46.0, 0.0);
(416075.7, 3741854.5, 46.1, 46.1, 0.0); (416125.7, 3741854.5, 45.9, 45.9, 0.0);
(416175.7, 3741854.5, 45.9, 45.9, 0.0); (416225.7, 3741854.5, 45.9, 45.9, 0.0);
(416275.7, 3741854.5, 46.0, 46.0, 0.0); (416325.7, 3741854.5, 46.0, 46.0, 0.0);
(416375.7, 3741854.5, 46.5, 46.5, 0.0); (416425.7, 3741854.5, 46.5, 46.5, 0.0);
(416475.7, 3741854.5, 47.1, 47.1, 0.0); (416525.7, 3741854.5, 47.6, 47.6, 0.0);
(414825.7, 3741904.5, 43.3, 49.8, 0.0); (414875.7, 3741904.5, 47.8, 47.8, 0.0);
(414925.7, 3741904.5, 44.5, 49.1, 0.0); (414975.7, 3741904.5, 45.0, 45.0, 0.0);
(415025.7, 3741904.5, 43.7, 43.7, 0.0); (415075.7, 3741904.5, 42.1, 42.1, 0.0);
(415125.7, 3741904.5, 42.6, 45.4, 0.0); (415175.7, 3741904.5, 46.5, 46.5, 0.0);
(415225.7, 3741904.5, 44.6, 52.2, 0.0); (415275.7, 3741904.5, 49.9, 50.9, 0.0);
(415325.7, 3741904.5, 45.0, 52.5, 0.0); (415375.7, 3741904.5, 44.7, 44.7, 0.0);
(415425.7, 3741904.5, 45.4, 45.4, 0.0); (415475.7, 3741904.5, 44.7, 44.7, 0.0);
(415525.7, 3741904.5, 44.2, 44.2, 0.0); (415575.7, 3741904.5, 44.4, 44.4, 0.0);
(415625.7, 3741904.5, 44.4, 44.4, 0.0); (415675.7, 3741904.5, 44.5, 44.5, 0.0);
(415725.7, 3741904.5, 44.6, 44.6, 0.0); (415775.7, 3741904.5, 44.8, 44.8, 0.0);
(415825.7, 3741904.5, 44.9, 44.9, 0.0); (415875.7, 3741904.5, 45.0, 45.0, 0.0);
(415925.7, 3741904.5, 45.1, 45.1, 0.0); (415975.7, 3741904.5, 45.2, 45.2, 0.0);
(416025.7, 3741904.5, 45.8, 45.8, 0.0); (416075.7, 3741904.5, 46.0, 46.0, 0.0);
(416125.7, 3741904.5, 46.0, 46.0, 0.0); (416175.7, 3741904.5, 46.4, 46.4, 0.0);
(416225.7, 3741904.5, 46.3, 46.3, 0.0); (416275.7, 3741904.5, 46.3, 46.3, 0.0);
(416325.7, 3741904.5, 46.3, 46.3, 0.0); (416375.7, 3741904.5, 46.6, 46.6, 0.0);
(416425.7, 3741904.5, 47.0, 47.0, 0.0); (416475.7, 3741904.5, 47.0, 47.0, 0.0);
(416525.7, 3741904.5, 47.4, 47.4, 0.0); (414825.7, 3741954.5, 44.5, 52.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(414875.7, 3741954.5, 46.7, 52.9, 0.0); (414925.7, 3741954.5, 43.4, 52.9, 0.0);
(414975.7, 3741954.5, 44.1, 44.1, 0.0); (415025.7, 3741954.5, 42.9, 42.9, 0.0);
(415075.7, 3741954.5, 43.2, 43.2, 0.0); (415125.7, 3741954.5, 44.5, 44.5, 0.0);
(415175.7, 3741954.5, 44.4, 51.1, 0.0); (415225.7, 3741954.5, 46.2, 52.8, 0.0);
(415275.7, 3741954.5, 52.2, 52.2, 0.0); (415325.7, 3741954.5, 45.4, 52.8, 0.0);
(415375.7, 3741954.5, 45.0, 52.5, 0.0); (415425.7, 3741954.5, 44.9, 44.9, 0.0);
(415475.7, 3741954.5, 44.5, 44.5, 0.0); (415525.7, 3741954.5, 44.5, 44.5, 0.0);
(415575.7, 3741954.5, 44.6, 44.6, 0.0); (415625.7, 3741954.5, 44.7, 44.7, 0.0);
(415675.7, 3741954.5, 44.8, 44.8, 0.0); (415725.7, 3741954.5, 44.9, 44.9, 0.0);
(415775.7, 3741954.5, 45.0, 45.0, 0.0); (415825.7, 3741954.5, 45.2, 45.2, 0.0);
(415875.7, 3741954.5, 45.3, 45.3, 0.0); (415925.7, 3741954.5, 45.4, 45.4, 0.0);
(415975.7, 3741954.5, 45.4, 45.4, 0.0); (416025.7, 3741954.5, 46.0, 46.0, 0.0);
(416125.7, 3741954.5, 46.6, 46.6, 0.0); (416175.7, 3741954.5, 46.7, 46.7, 0.0);
(416225.7, 3741954.5, 46.5, 46.5, 0.0); (416275.7, 3741954.5, 46.4, 46.4, 0.0);
(416325.7, 3741954.5, 46.3, 46.3, 0.0); (416375.7, 3741954.5, 46.5, 46.5, 0.0);
(416425.7, 3741954.5, 47.0, 47.0, 0.0); (416475.7, 3741954.5, 46.8, 46.8, 0.0);
(416525.7, 3741954.5, 47.5, 47.5, 0.0); (414825.7, 3742004.5, 46.9, 52.9, 0.0);
(414875.7, 3742004.5, 51.3, 52.9, 0.0); (414925.7, 3742004.5, 45.2, 52.9, 0.0);
(414975.7, 3742004.5, 44.9, 44.9, 0.0); (415025.7, 3742004.5, 44.5, 44.5, 0.0);
(415075.7, 3742004.5, 44.3, 44.3, 0.0); (415125.7, 3742004.5, 44.1, 49.7, 0.0);
(415175.7, 3742004.5, 49.3, 49.7, 0.0); (415225.7, 3742004.5, 45.3, 52.8, 0.0);

(415275.7, 3742004.5,	49.8,	52.8,	0.0);	(415325.7, 3742004.5,	44.7,	52.8,	0.0);
(415375.7, 3742004.5,	44.6,	52.5,	0.0);	(415425.7, 3742004.5,	44.5,	44.5,	0.0);
(415475.7, 3742004.5,	44.2,	44.2,	0.0);	(415525.7, 3742004.5,	44.2,	44.2,	0.0);
(415575.7, 3742004.5,	44.2,	44.2,	0.0);	(415625.7, 3742004.5,	44.3,	44.3,	0.0);
(415675.7, 3742004.5,	44.5,	44.5,	0.0);	(415725.7, 3742004.5,	44.6,	44.6,	0.0);
(415775.7, 3742004.5,	44.7,	44.7,	0.0);	(415825.7, 3742004.5,	44.9,	44.9,	0.0);
(415875.7, 3742004.5,	45.0,	45.0,	0.0);	(416025.7, 3742004.5,	45.6,	45.6,	0.0);
(416175.7, 3742004.5,	46.8,	46.8,	0.0);	(416225.7, 3742004.5,	46.7,	46.7,	0.0);
(416275.7, 3742004.5,	46.4,	46.4,	0.0);	(416325.7, 3742004.5,	46.5,	46.5,	0.0);
(416375.7, 3742004.5,	46.6,	46.6,	0.0);	(416425.7, 3742004.5,	46.4,	46.4,	0.0);
(416475.7, 3742004.5,	46.8,	46.8,	0.0);	(416525.7, 3742004.5,	47.2,	47.2,	0.0);
(414825.7, 3742054.5,	42.7,	52.9,	0.0);	(414875.7, 3742054.5,	43.2,	52.9,	0.0);
(414925.7, 3742054.5,	44.7,	52.9,	0.0);	(414975.7, 3742054.5,	44.1,	44.1,	0.0);
(415025.7, 3742054.5,	43.8,	43.8,	0.0);	(415075.7, 3742054.5,	43.7,	43.7,	0.0);
(415125.7, 3742054.5,	44.0,	44.0,	0.0);	(415175.7, 3742054.5,	46.8,	46.8,	0.0);
(415225.7, 3742054.5,	43.9,	43.9,	0.0);	(415275.7, 3742054.5,	44.3,	52.8,	0.0);
(415325.7, 3742054.5,	44.4,	44.4,	0.0);	(415375.7, 3742054.5,	45.9,	45.9,	0.0);
(415425.7, 3742054.5,	44.4,	44.4,	0.0);	(415475.7, 3742054.5,	44.4,	44.4,	0.0);
(415525.7, 3742054.5,	44.7,	44.7,	0.0);	(415575.7, 3742054.5,	44.6,	44.6,	0.0);
(415625.7, 3742054.5,	44.8,	44.8,	0.0);	(415675.7, 3742054.5,	45.0,	45.0,	0.0);
(415725.7, 3742054.5,	45.0,	45.0,	0.0);	(415775.7, 3742054.5,	45.2,	45.2,	0.0);
(415825.7, 3742054.5,	45.3,	45.3,	0.0);	(415875.7, 3742054.5,	45.3,	45.3,	0.0);
(415925.7, 3742054.5,	45.5,	45.5,	0.0);	(415975.7, 3742054.5,	45.5,	45.5,	0.0);
(416175.7, 3742054.5,	46.7,	46.7,	0.0);	(416225.7, 3742054.5,	46.9,	46.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(416275.7, 3742054.5,	46.3,	46.3,	0.0);	(416325.7, 3742054.5,	46.5,	46.5,	0.0);
(416375.7, 3742054.5,	46.8,	46.8,	0.0);	(416425.7, 3742054.5,	47.1,	47.1,	0.0);
(416475.7, 3742054.5,	46.9,	46.9,	0.0);	(416525.7, 3742054.5,	47.6,	47.6,	0.0);
(414825.7, 3742104.5,	42.9,	42.9,	0.0);	(414875.7, 3742104.5,	42.9,	52.9,	0.0);
(414925.7, 3742104.5,	43.3,	43.3,	0.0);	(414975.7, 3742104.5,	43.5,	43.5,	0.0);
(415025.7, 3742104.5,	43.6,	43.6,	0.0);	(415075.7, 3742104.5,	43.4,	43.4,	0.0);
(415125.7, 3742104.5,	43.6,	43.6,	0.0);	(415175.7, 3742104.5,	44.6,	44.6,	0.0);
(415225.7, 3742104.5,	43.8,	51.6,	0.0);	(415275.7, 3742104.5,	44.9,	51.7,	0.0);
(415325.7, 3742104.5,	44.1,	51.7,	0.0);	(415375.7, 3742104.5,	46.4,	46.4,	0.0);
(415425.7, 3742104.5,	44.4,	44.4,	0.0);	(415475.7, 3742104.5,	44.4,	44.4,	0.0);
(415525.7, 3742104.5,	44.7,	44.7,	0.0);	(415575.7, 3742104.5,	44.8,	44.8,	0.0);
(415625.7, 3742104.5,	44.9,	44.9,	0.0);	(415675.7, 3742104.5,	45.2,	45.2,	0.0);
(415725.7, 3742104.5,	45.1,	45.1,	0.0);	(415775.7, 3742104.5,	45.3,	45.3,	0.0);
(415825.7, 3742104.5,	45.4,	45.4,	0.0);	(415875.7, 3742104.5,	45.4,	45.4,	0.0);
(415925.7, 3742104.5,	45.4,	45.4,	0.0);	(415975.7, 3742104.5,	45.6,	45.6,	0.0);
(416175.7, 3742104.5,	47.1,	47.1,	0.0);	(416225.7, 3742104.5,	46.8,	46.8,	0.0);
(416275.7, 3742104.5,	46.5,	46.5,	0.0);	(416325.7, 3742104.5,	46.7,	46.7,	0.0);
(416375.7, 3742104.5,	46.7,	46.7,	0.0);	(416425.7, 3742104.5,	47.4,	47.4,	0.0);
(416475.7, 3742104.5,	47.0,	47.0,	0.0);	(416525.7, 3742104.5,	47.3,	47.3,	0.0);
(414825.7, 3742154.5,	43.0,	43.0,	0.0);	(414875.7, 3742154.5,	43.0,	43.0,	0.0);
(414925.7, 3742154.5,	43.4,	43.4,	0.0);	(414975.7, 3742154.5,	43.5,	43.5,	0.0);
(415025.7, 3742154.5,	43.7,	43.7,	0.0);	(415075.7, 3742154.5,	43.8,	43.8,	0.0);
(415125.7, 3742154.5,	43.7,	43.7,	0.0);	(415175.7, 3742154.5,	43.7,	43.7,	0.0);
(415225.7, 3742154.5,	43.9,	51.6,	0.0);	(415275.7, 3742154.5,	49.7,	51.6,	0.0);
(415325.7, 3742154.5,	50.3,	50.3,	0.0);	(415375.7, 3742154.5,	50.1,	50.1,	0.0);
(415425.7, 3742154.5,	44.3,	50.9,	0.0);	(415475.7, 3742154.5,	44.7,	44.7,	0.0);
(415525.7, 3742154.5,	44.8,	44.8,	0.0);	(415575.7, 3742154.5,	44.7,	44.7,	0.0);
(415625.7, 3742154.5,	44.9,	44.9,	0.0);	(415675.7, 3742154.5,	45.2,	45.2,	0.0);
(415725.7, 3742154.5,	45.3,	45.3,	0.0);	(415775.7, 3742154.5,	45.6,	45.6,	0.0);
(415825.7, 3742154.5,	45.7,	45.7,	0.0);	(415875.7, 3742154.5,	45.6,	45.6,	0.0);

(415925.7, 3742154.5, 45.9, 45.9, 0.0); (416175.7, 3742154.5, 47.0, 47.0, 0.0);
(416225.7, 3742154.5, 47.1, 47.1, 0.0); (416275.7, 3742154.5, 46.8, 46.8, 0.0);
(416325.7, 3742154.5, 47.0, 47.0, 0.0); (416375.7, 3742154.5, 47.3, 47.3, 0.0);
(416425.7, 3742154.5, 46.9, 46.9, 0.0); (416475.7, 3742154.5, 47.1, 47.1, 0.0);
(416525.7, 3742154.5, 47.6, 47.6, 0.0); (414825.7, 3742204.5, 43.0, 43.0, 0.0);
(414875.7, 3742204.5, 43.0, 43.0, 0.0); (414925.7, 3742204.5, 43.4, 43.4, 0.0);
(414975.7, 3742204.5, 43.4, 43.4, 0.0); (415025.7, 3742204.5, 43.6, 43.6, 0.0);
(415075.7, 3742204.5, 43.6, 43.6, 0.0); (415125.7, 3742204.5, 43.8, 43.8, 0.0);
(415175.7, 3742204.5, 43.9, 43.9, 0.0); (415225.7, 3742204.5, 44.0, 51.6, 0.0);
(415275.7, 3742204.5, 48.6, 50.3, 0.0); (415325.7, 3742204.5, 47.6, 50.4, 0.0);
(415375.7, 3742204.5, 44.5, 50.9, 0.0); (415425.7, 3742204.5, 44.5, 50.9, 0.0);
(415475.7, 3742204.5, 44.7, 44.7, 0.0); (415525.7, 3742204.5, 44.8, 44.8, 0.0);
(415575.7, 3742204.5, 44.9, 44.9, 0.0); (415625.7, 3742204.5, 45.0, 45.0, 0.0);
(415675.7, 3742204.5, 45.2, 45.2, 0.0); (415725.7, 3742204.5, 45.2, 45.2, 0.0);
(415775.7, 3742204.5, 45.5, 45.5, 0.0); (415825.7, 3742204.5, 45.8, 45.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(415925.7, 3742204.5, 46.5, 46.5, 0.0); (415975.7, 3742204.5, 46.2, 46.2, 0.0);
(416025.7, 3742204.5, 46.1, 46.1, 0.0); (416175.7, 3742204.5, 47.0, 47.0, 0.0);
(416225.7, 3742204.5, 46.8, 46.8, 0.0); (416275.7, 3742204.5, 47.1, 47.1, 0.0);
(416325.7, 3742204.5, 47.1, 47.1, 0.0); (416375.7, 3742204.5, 47.3, 47.3, 0.0);
(416425.7, 3742204.5, 47.2, 47.2, 0.0); (416475.7, 3742204.5, 47.3, 47.3, 0.0);
(416525.7, 3742204.5, 47.1, 47.1, 0.0); (414825.7, 3742254.5, 43.1, 43.1, 0.0);
(414875.7, 3742254.5, 42.8, 42.8, 0.0); (414925.7, 3742254.5, 42.4, 42.4, 0.0);
(414975.7, 3742254.5, 44.7, 44.7, 0.0); (415025.7, 3742254.5, 43.6, 43.6, 0.0);
(415075.7, 3742254.5, 43.5, 43.5, 0.0); (415125.7, 3742254.5, 44.2, 44.2, 0.0);
(415175.7, 3742254.5, 44.2, 44.2, 0.0); (415225.7, 3742254.5, 45.0, 45.0, 0.0);
(415275.7, 3742254.5, 46.6, 46.6, 0.0); (415325.7, 3742254.5, 44.6, 44.6, 0.0);
(415375.7, 3742254.5, 44.8, 44.8, 0.0); (415425.7, 3742254.5, 44.8, 44.8, 0.0);
(415475.7, 3742254.5, 44.9, 44.9, 0.0); (415525.7, 3742254.5, 45.0, 45.0, 0.0);
(415575.7, 3742254.5, 45.0, 45.0, 0.0); (415625.7, 3742254.5, 45.0, 45.0, 0.0);
(415675.7, 3742254.5, 45.3, 45.3, 0.0); (415725.7, 3742254.5, 45.3, 45.3, 0.0);
(415775.7, 3742254.5, 45.6, 45.6, 0.0); (415825.7, 3742254.5, 45.8, 45.8, 0.0);
(415925.7, 3742254.5, 46.2, 46.2, 0.0); (416125.7, 3742254.5, 47.2, 47.2, 0.0);
(416175.7, 3742254.5, 47.1, 47.1, 0.0); (416225.7, 3742254.5, 46.7, 46.7, 0.0);
(416275.7, 3742254.5, 47.1, 47.1, 0.0); (416325.7, 3742254.5, 47.2, 47.2, 0.0);
(416375.7, 3742254.5, 47.8, 47.8, 0.0); (416425.7, 3742254.5, 47.5, 47.5, 0.0);
(416475.7, 3742254.5, 47.4, 47.4, 0.0); (416525.7, 3742254.5, 47.3, 47.3, 0.0);
(414825.7, 3742304.5, 43.0, 43.0, 0.0); (414875.7, 3742304.5, 42.4, 42.4, 0.0);
(414925.7, 3742304.5, 42.9, 42.9, 0.0); (414975.7, 3742304.5, 43.6, 43.6, 0.0);
(415025.7, 3742304.5, 43.5, 43.5, 0.0); (415075.7, 3742304.5, 44.3, 44.3, 0.0);
(415125.7, 3742304.5, 44.4, 44.4, 0.0); (415175.7, 3742304.5, 44.9, 44.9, 0.0);
(415225.7, 3742304.5, 45.1, 45.1, 0.0); (415275.7, 3742304.5, 45.3, 45.3, 0.0);
(415325.7, 3742304.5, 44.9, 44.9, 0.0); (415375.7, 3742304.5, 44.9, 44.9, 0.0);
(415425.7, 3742304.5, 44.8, 44.8, 0.0); (415475.7, 3742304.5, 44.9, 44.9, 0.0);
(415525.7, 3742304.5, 44.8, 44.8, 0.0); (415575.7, 3742304.5, 44.9, 44.9, 0.0);
(415625.7, 3742304.5, 45.1, 45.1, 0.0); (415675.7, 3742304.5, 45.3, 45.3, 0.0);
(415725.7, 3742304.5, 45.4, 45.4, 0.0); (415775.7, 3742304.5, 45.6, 45.6, 0.0);
(415825.7, 3742304.5, 45.8, 45.8, 0.0); (415925.7, 3742304.5, 46.1, 46.1, 0.0);
(416225.7, 3742304.5, 47.1, 47.1, 0.0); (416275.7, 3742304.5, 47.7, 47.7, 0.0);
(416325.7, 3742304.5, 47.7, 47.7, 0.0); (416375.7, 3742304.5, 47.4, 47.4, 0.0);
(416425.7, 3742304.5, 47.6, 47.6, 0.0); (416475.7, 3742304.5, 47.5, 47.5, 0.0);
(416525.7, 3742304.5, 48.0, 48.0, 0.0); (415375.7, 3742354.5, 44.8, 44.8, 0.0);
(414825.7, 3742404.5, 43.9, 43.9, 0.0); (414875.7, 3742404.5, 44.3, 44.3, 0.0);
(414925.7, 3742404.5, 43.9, 43.9, 0.0); (414975.7, 3742404.5, 44.2, 44.2, 0.0);
(415025.7, 3742404.5, 44.2, 44.2, 0.0); (415075.7, 3742404.5, 44.6, 44.6, 0.0);

(415125.7, 3742404.5, 45.8, 45.8, 0.0); (415175.7, 3742404.5, 46.0, 46.0, 0.0);
(415225.7, 3742404.5, 45.2, 45.2, 0.0); (415275.7, 3742404.5, 44.5, 44.5, 0.0);
(415325.7, 3742404.5, 44.9, 44.9, 0.0); (415375.7, 3742404.5, 44.9, 44.9, 0.0);
(415425.7, 3742404.5, 45.3, 45.3, 0.0); (415475.7, 3742404.5, 45.3, 45.3, 0.0);
(415525.7, 3742404.5, 45.0, 45.0, 0.0); (415575.7, 3742404.5, 45.2, 45.2, 0.0);
(415625.7, 3742404.5, 45.7, 45.7, 0.0); (415675.7, 3742404.5, 45.4, 45.4, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(415725.7, 3742404.5, 45.8, 45.8, 0.0); (415775.7, 3742404.5, 46.0, 46.0, 0.0);
(415825.7, 3742404.5, 46.2, 46.2, 0.0); (415875.7, 3742404.5, 46.7, 46.7, 0.0);
(415925.7, 3742404.5, 46.6, 46.6, 0.0); (415975.7, 3742404.5, 46.8, 46.8, 0.0);
(416025.7, 3742404.5, 46.9, 46.9, 0.0); (416075.7, 3742404.5, 46.5, 46.5, 0.0);
(416125.7, 3742404.5, 47.0, 47.0, 0.0); (416175.7, 3742404.5, 47.3, 47.3, 0.0);
(416225.7, 3742404.5, 47.3, 47.3, 0.0); (416275.7, 3742404.5, 47.7, 47.7, 0.0);
(416325.7, 3742404.5, 48.0, 48.0, 0.0); (416375.7, 3742404.5, 47.9, 47.9, 0.0);
(416425.7, 3742404.5, 47.9, 47.9, 0.0); (416475.7, 3742404.5, 48.3, 48.3, 0.0);
(416525.7, 3742404.5, 48.3, 48.3, 0.0); (414825.7, 3742454.5, 43.6, 43.6, 0.0);
(414875.7, 3742454.5, 44.1, 44.1, 0.0); (414925.7, 3742454.5, 44.0, 44.0, 0.0);
(414975.7, 3742454.5, 44.3, 44.3, 0.0); (415025.7, 3742454.5, 44.5, 44.5, 0.0);
(415075.7, 3742454.5, 44.7, 44.7, 0.0); (415125.7, 3742454.5, 44.8, 44.8, 0.0);
(415175.7, 3742454.5, 44.7, 44.7, 0.0); (415225.7, 3742454.5, 44.8, 44.8, 0.0);
(415275.7, 3742454.5, 44.8, 44.8, 0.0); (415325.7, 3742454.5, 44.9, 44.9, 0.0);
(415375.7, 3742454.5, 45.1, 45.1, 0.0); (415425.7, 3742454.5, 45.0, 45.0, 0.0);
(415475.7, 3742454.5, 45.3, 45.3, 0.0); (415525.7, 3742454.5, 45.0, 45.0, 0.0);
(415575.7, 3742454.5, 45.2, 45.2, 0.0); (415625.7, 3742454.5, 45.7, 45.7, 0.0);
(415675.7, 3742454.5, 45.8, 45.8, 0.0); (415725.7, 3742454.5, 45.9, 45.9, 0.0);
(415775.7, 3742454.5, 45.8, 45.8, 0.0); (415825.7, 3742454.5, 46.3, 46.3, 0.0);
(415875.7, 3742454.5, 46.7, 46.7, 0.0); (415925.7, 3742454.5, 46.5, 46.5, 0.0);
(415975.7, 3742454.5, 46.7, 46.7, 0.0); (416025.7, 3742454.5, 47.0, 47.0, 0.0);
(416075.7, 3742454.5, 46.6, 46.6, 0.0); (416125.7, 3742454.5, 47.0, 47.0, 0.0);
(416175.7, 3742454.5, 47.5, 47.5, 0.0); (416225.7, 3742454.5, 47.8, 47.8, 0.0);
(416275.7, 3742454.5, 47.9, 47.9, 0.0); (416325.7, 3742454.5, 48.0, 48.0, 0.0);
(416375.7, 3742454.5, 48.2, 48.2, 0.0); (416425.7, 3742454.5, 48.5, 48.5, 0.0);
(416475.7, 3742454.5, 48.6, 48.6, 0.0); (416525.7, 3742454.5, 48.1, 48.1, 0.0);
(414825.7, 3742504.5, 43.5, 43.5, 0.0); (414875.7, 3742504.5, 43.5, 43.5, 0.0);
(414925.7, 3742504.5, 44.3, 44.3, 0.0); (414975.7, 3742504.5, 44.2, 44.2, 0.0);
(415025.7, 3742504.5, 44.7, 44.7, 0.0); (415075.7, 3742504.5, 45.0, 45.0, 0.0);
(415125.7, 3742504.5, 44.8, 44.8, 0.0); (415175.7, 3742504.5, 45.0, 45.0, 0.0);
(415225.7, 3742504.5, 45.1, 45.1, 0.0); (415275.7, 3742504.5, 45.0, 45.0, 0.0);
(415325.7, 3742504.5, 44.8, 44.8, 0.0); (415375.7, 3742504.5, 45.3, 45.3, 0.0);
(415425.7, 3742504.5, 45.3, 45.3, 0.0); (415475.7, 3742504.5, 45.3, 45.3, 0.0);
(415525.7, 3742504.5, 45.3, 45.3, 0.0); (415575.7, 3742504.5, 45.6, 45.6, 0.0);
(415625.7, 3742504.5, 45.7, 45.7, 0.0); (415675.7, 3742504.5, 46.0, 46.0, 0.0);
(415725.7, 3742504.5, 45.8, 45.8, 0.0); (415775.7, 3742504.5, 46.7, 46.7, 0.0);
(415825.7, 3742504.5, 46.6, 46.6, 0.0); (415875.7, 3742504.5, 46.7, 46.7, 0.0);
(415925.7, 3742504.5, 46.6, 46.6, 0.0); (415975.7, 3742504.5, 46.9, 46.9, 0.0);
(416025.7, 3742504.5, 46.8, 46.8, 0.0); (416075.7, 3742504.5, 46.9, 46.9, 0.0);
(416125.7, 3742504.5, 47.2, 47.2, 0.0); (416175.7, 3742504.5, 47.3, 47.3, 0.0);
(416225.7, 3742504.5, 47.6, 47.6, 0.0); (416275.7, 3742504.5, 48.2, 48.2, 0.0);
(416325.7, 3742504.5, 48.1, 48.1, 0.0); (416375.7, 3742504.5, 48.4, 48.4, 0.0);
(416425.7, 3742504.5, 48.7, 48.7, 0.0); (416475.7, 3742504.5, 48.7, 48.7, 0.0);
(416525.7, 3742504.5, 48.3, 48.3, 0.0); (414825.7, 3742554.5, 43.2, 43.2, 0.0);
(414875.7, 3742554.5, 44.0, 44.0, 0.0); (414925.7, 3742554.5, 44.0, 44.0, 0.0);

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

(414975.7, 3742554.5,	44.2,	44.2,	0.0);	(415025.7, 3742554.5,	44.3,	44.3,	0.0);
(415075.7, 3742554.5,	44.7,	44.7,	0.0);	(415125.7, 3742554.5,	44.8,	44.8,	0.0);
(415175.7, 3742554.5,	44.9,	44.9,	0.0);	(415225.7, 3742554.5,	45.1,	45.1,	0.0);
(415275.7, 3742554.5,	45.2,	45.2,	0.0);	(415325.7, 3742554.5,	44.9,	44.9,	0.0);
(415375.7, 3742554.5,	45.1,	45.1,	0.0);	(415425.7, 3742554.5,	45.4,	45.4,	0.0);
(415475.7, 3742554.5,	45.6,	45.6,	0.0);	(415525.7, 3742554.5,	45.4,	45.4,	0.0);
(415575.7, 3742554.5,	45.8,	45.8,	0.0);	(415625.7, 3742554.5,	45.7,	45.7,	0.0);
(415675.7, 3742554.5,	46.1,	46.1,	0.0);	(415725.7, 3742554.5,	46.0,	46.0,	0.0);
(415775.7, 3742554.5,	46.6,	46.6,	0.0);	(415825.7, 3742554.5,	47.0,	47.0,	0.0);
(415875.7, 3742554.5,	47.0,	47.0,	0.0);	(415925.7, 3742554.5,	46.9,	46.9,	0.0);
(415975.7, 3742554.5,	46.9,	46.9,	0.0);	(416025.7, 3742554.5,	47.2,	47.2,	0.0);
(416075.7, 3742554.5,	47.2,	47.2,	0.0);	(416125.7, 3742554.5,	47.3,	47.3,	0.0);
(416175.7, 3742554.5,	47.0,	47.0,	0.0);	(416225.7, 3742554.5,	47.7,	47.7,	0.0);
(416275.7, 3742554.5,	47.9,	47.9,	0.0);	(416325.7, 3742554.5,	48.4,	48.4,	0.0);
(416375.7, 3742554.5,	48.6,	48.6,	0.0);	(416425.7, 3742554.5,	48.9,	48.9,	0.0);
(416475.7, 3742554.5,	48.7,	48.7,	0.0);	(416525.7, 3742554.5,	48.5,	48.5,	0.0);
(414825.7, 3742604.5,	43.3,	43.3,	0.0);	(414875.7, 3742604.5,	43.8,	43.8,	0.0);
(414925.7, 3742604.5,	43.9,	43.9,	0.0);	(414975.7, 3742604.5,	44.4,	44.4,	0.0);
(415025.7, 3742604.5,	44.4,	44.4,	0.0);	(415075.7, 3742604.5,	44.5,	44.5,	0.0);
(415125.7, 3742604.5,	44.9,	44.9,	0.0);	(415175.7, 3742604.5,	45.0,	45.0,	0.0);
(415225.7, 3742604.5,	45.3,	45.3,	0.0);	(415275.7, 3742604.5,	45.3,	45.3,	0.0);
(415325.7, 3742604.5,	44.9,	44.9,	0.0);	(415375.7, 3742604.5,	45.5,	45.5,	0.0);
(415425.7, 3742604.5,	45.7,	45.7,	0.0);	(415475.7, 3742604.5,	45.6,	45.6,	0.0);
(415525.7, 3742604.5,	45.8,	45.8,	0.0);	(415575.7, 3742604.5,	45.9,	45.9,	0.0);
(415625.7, 3742604.5,	45.9,	45.9,	0.0);	(415675.7, 3742604.5,	46.1,	46.1,	0.0);
(415725.7, 3742604.5,	46.5,	46.5,	0.0);	(415775.7, 3742604.5,	46.8,	46.8,	0.0);
(415825.7, 3742604.5,	46.8,	46.8,	0.0);	(415875.7, 3742604.5,	46.8,	46.8,	0.0);
(415925.7, 3742604.5,	47.1,	47.1,	0.0);	(415975.7, 3742604.5,	47.2,	47.2,	0.0);
(416025.7, 3742604.5,	47.2,	47.2,	0.0);	(416075.7, 3742604.5,	47.3,	47.3,	0.0);
(416125.7, 3742604.5,	47.5,	47.5,	0.0);	(416175.7, 3742604.5,	47.5,	47.5,	0.0);
(416225.7, 3742604.5,	47.5,	47.5,	0.0);	(416275.7, 3742604.5,	48.0,	48.0,	0.0);
(416325.7, 3742604.5,	48.2,	48.2,	0.0);	(416375.7, 3742604.5,	48.6,	48.6,	0.0);
(416425.7, 3742604.5,	48.8,	48.8,	0.0);	(416475.7, 3742604.5,	48.8,	48.8,	0.0);
(416525.7, 3742604.5,	48.9,	48.9,	0.0);	(414825.7, 3742654.5,	42.6,	42.6,	0.0);
(414875.7, 3742654.5,	44.4,	44.4,	0.0);	(414925.7, 3742654.5,	44.2,	44.2,	0.0);
(414975.7, 3742654.5,	44.5,	44.5,	0.0);	(415025.7, 3742654.5,	44.4,	44.4,	0.0);
(415075.7, 3742654.5,	45.1,	45.1,	0.0);	(415125.7, 3742654.5,	45.1,	45.1,	0.0);
(415175.7, 3742654.5,	45.0,	45.0,	0.0);	(415225.7, 3742654.5,	45.5,	45.5,	0.0);
(415275.7, 3742654.5,	45.5,	45.5,	0.0);	(415325.7, 3742654.5,	45.3,	45.3,	0.0);
(415375.7, 3742654.5,	45.7,	45.7,	0.0);	(415425.7, 3742654.5,	45.9,	45.9,	0.0);
(415475.7, 3742654.5,	45.8,	45.8,	0.0);	(415525.7, 3742654.5,	46.0,	46.0,	0.0);
(415575.7, 3742654.5,	46.0,	46.0,	0.0);	(415625.7, 3742654.5,	46.1,	46.1,	0.0);
(415675.7, 3742654.5,	46.2,	46.2,	0.0);	(415725.7, 3742654.5,	46.5,	46.5,	0.0);
(415775.7, 3742654.5,	46.8,	46.8,	0.0);	(415825.7, 3742654.5,	47.3,	47.3,	0.0);
(415875.7, 3742654.5,	47.0,	47.0,	0.0);	(415925.7, 3742654.5,	47.1,	47.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(415975.7, 3742654.5,	47.1,	47.1,	0.0);	(416025.7, 3742654.5,	47.2,	47.2,	0.0);
(416075.7, 3742654.5,	47.3,	47.3,	0.0);	(416125.7, 3742654.5,	47.6,	47.6,	0.0);
(416175.7, 3742654.5,	47.7,	47.7,	0.0);	(416225.7, 3742654.5,	47.8,	47.8,	0.0);

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( 416275.7, 3742654.5,     48.1,      48.1,       0.0);       ( 416325.7, 3742654.5,     48.0,      48.0,       0.0);
( 416375.7, 3742654.5,     48.4,      48.4,       0.0);       ( 416425.7, 3742654.5,     48.5,      48.5,       0.0);
( 416475.7, 3742654.5,     48.5,      48.5,       0.0);       ( 416525.7, 3742654.5,     48.7,      48.7,       0.0);
( 414825.7, 3742704.5,     43.5,      43.5,       0.0);       ( 414875.7, 3742704.5,     43.9,      43.9,       0.0);
( 414925.7, 3742704.5,     43.8,      43.8,       0.0);       ( 414975.7, 3742704.5,     44.4,      44.4,       0.0);
( 415025.7, 3742704.5,     44.2,      44.2,       0.0);       ( 415075.7, 3742704.5,     44.4,      44.4,       0.0);
( 415125.7, 3742704.5,     44.9,      44.9,       0.0);       ( 415175.7, 3742704.5,     43.8,      43.8,       0.0);
( 415225.7, 3742704.5,     45.4,      45.4,       0.0);       ( 415275.7, 3742704.5,     45.4,      45.4,       0.0);
( 415325.7, 3742704.5,     45.4,      45.4,       0.0);       ( 415375.7, 3742704.5,     45.6,      45.6,       0.0);
( 415425.7, 3742704.5,     45.7,      45.7,       0.0);       ( 415475.7, 3742704.5,     45.9,      45.9,       0.0);
( 415525.7, 3742704.5,     46.1,      46.1,       0.0);       ( 415575.7, 3742704.5,     46.1,      46.1,       0.0);
( 415625.7, 3742704.5,     46.3,      46.3,       0.0);       ( 415675.7, 3742704.5,     46.1,      46.1,       0.0);
( 415725.7, 3742704.5,     46.5,      46.5,       0.0);       ( 415775.7, 3742704.5,     47.2,      47.2,       0.0);
( 415825.7, 3742704.5,     47.2,      47.2,       0.0);       ( 415875.7, 3742704.5,     46.9,      46.9,       0.0);
( 415925.7, 3742704.5,     47.0,      47.0,       0.0);       ( 415975.7, 3742704.5,     47.2,      47.2,       0.0);
( 416025.7, 3742704.5,     47.4,      47.4,       0.0);       ( 416075.7, 3742704.5,     47.4,      47.4,       0.0);
( 416125.7, 3742704.5,     47.5,      47.5,       0.0);       ( 416175.7, 3742704.5,     47.3,      47.3,       0.0);
( 416225.7, 3742704.5,     48.4,      48.4,       0.0);       ( 416275.7, 3742704.5,     48.6,      48.6,       0.0);
( 416325.7, 3742704.5,     48.4,      48.4,       0.0);       ( 416375.7, 3742704.5,     48.4,      48.4,       0.0);
( 416425.7, 3742704.5,     48.3,      48.3,       0.0);       ( 416475.7, 3742704.5,     48.5,      48.5,       0.0);
( 416525.7, 3742704.5,     48.5,      48.5,       0.0);       ( 414825.7, 3742754.5,     43.5,      43.5,       0.0);
( 414875.7, 3742754.5,     43.6,      43.6,       0.0);       ( 414925.7, 3742754.5,     44.0,      44.0,       0.0);
( 414975.7, 3742754.5,     44.3,      44.3,       0.0);       ( 415025.7, 3742754.5,     44.5,      44.5,       0.0);
( 415075.7, 3742754.5,     44.6,      44.6,       0.0);       ( 415125.7, 3742754.5,     44.6,      44.6,       0.0);
( 415175.7, 3742754.5,     44.6,      44.6,       0.0);       ( 415225.7, 3742754.5,     45.0,      45.0,       0.0);
( 415275.7, 3742754.5,     45.1,      45.1,       0.0);       ( 415325.7, 3742754.5,     45.5,      45.5,       0.0);
( 415375.7, 3742754.5,     45.9,      45.9,       0.0);       ( 415425.7, 3742754.5,     45.8,      45.8,       0.0);
( 415475.7, 3742754.5,     46.0,      46.0,       0.0);       ( 415525.7, 3742754.5,     46.2,      46.2,       0.0);
( 415575.7, 3742754.5,     46.0,      46.0,       0.0);       ( 415625.7, 3742754.5,     46.3,      46.3,       0.0);
( 415675.7, 3742754.5,     46.2,      46.2,       0.0);       ( 415725.7, 3742754.5,     46.4,      46.4,       0.0);
( 415775.7, 3742754.5,     47.6,      47.6,       0.0);       ( 415825.7, 3742754.5,     47.3,      47.3,       0.0);
( 415875.7, 3742754.5,     47.4,      47.4,       0.0);       ( 415925.7, 3742754.5,     46.8,      46.8,       0.0);
( 415975.7, 3742754.5,     47.3,      47.3,       0.0);       ( 416025.7, 3742754.5,     47.4,      47.4,       0.0);
( 416075.7, 3742754.5,     47.5,      47.5,       0.0);       ( 416125.7, 3742754.5,     47.5,      47.5,       0.0);
( 416175.7, 3742754.5,     47.8,      47.8,       0.0);       ( 416225.7, 3742754.5,     48.3,      48.3,       0.0);
( 416275.7, 3742754.5,     48.6,      48.6,       0.0);       ( 416325.7, 3742754.5,     48.4,      48.4,       0.0);
( 416375.7, 3742754.5,     48.9,      48.9,       0.0);       ( 416425.7, 3742754.5,     48.8,      48.8,       0.0);
( 416475.7, 3742754.5,     48.7,      48.7,       0.0);       ( 416525.7, 3742754.5,     47.1,      47.1,       0.0);
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♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
PAGE 37
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\FullertonAirportADJU\KFUL_V9_ADJU\KFUL_v9.SFC Met Version: 16216
Profile file: ..\FullertonAirportADJU\KFUL_V9_ADJU\KFUL_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	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	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416000.22	3742138.38	14.26697	416003.27	3742119.68	13.57824
416012.87	3742098.54	14.24132	416018.13	3742085.81	14.48989
416025.49	3742064.30	14.36035	415992.96	3742007.08	5.40734
415971.97	3742007.08	4.40804	415951.36	3742008.23	3.75470
415938.65	3742006.82	3.37904	415914.21	3742007.70	2.89540
415948.69	3741983.74	2.94540	415932.78	3741983.74	2.66534
415897.67	3742009.19	2.65256	415909.29	3741983.99	2.33822
415897.91	3741986.07	2.24005	415840.05	3742332.45	3.18685
415817.19	3742333.63	2.74063	415797.71	3742334.14	2.44445
415776.37	3742334.65	2.17912	415755.37	3742334.14	1.97156
415737.59	3742335.33	1.80981	415717.44	3742335.16	1.66190
415697.62	3742334.65	1.53784	415673.57	3742336.17	1.39730
415631.07	3742337.87	1.20094	415612.10	3742338.04	1.13029
415595.33	3742338.58	1.07238	415574.47	3742336.93	1.01426
415556.42	3742337.40	0.96304	415535.80	3742336.70	0.91300
415516.34	3742336.23	0.86940	415493.84	3742337.87	0.81871
415638.93	3742382.64	1.03732	415694.02	3742380.53	1.24874
415730.12	3742380.30	1.42459	415416.95	3742332.72	0.69624
415400.78	3742341.39	0.65980	415387.65	3742342.56	0.64073
415860.32	3742334.81	3.63253	414825.69	3741754.50	0.17915
414875.69	3741754.50	0.18469	414925.69	3741754.50	0.19029
414975.69	3741754.50	0.19619	415025.69	3741754.50	0.20238
415075.69	3741754.50	0.20874	415125.69	3741754.50	0.21535
415175.69	3741754.50	0.22218	415225.69	3741754.50	0.22942
415275.69	3741754.50	0.23697	415325.69	3741754.50	0.24455
415375.69	3741754.50	0.25224	415425.69	3741754.50	0.26023
415475.69	3741754.50	0.26854	415525.69	3741754.50	0.27721
415575.69	3741754.50	0.28618	415625.69	3741754.50	0.29575
415675.69	3741754.50	0.30692	415725.69	3741754.50	0.32043
415775.69	3741754.50	0.33758	415825.69	3741754.50	0.35983
415875.69	3741754.50	0.38862	415925.69	3741754.50	0.42499
415975.69	3741754.50	0.46901	416025.69	3741754.50	0.52034
416075.69	3741754.50	0.58051	416125.69	3741754.50	0.65094
416175.69	3741754.50	0.72316	416225.69	3741754.50	0.77694
416275.69	3741754.50	0.79503	416325.69	3741754.50	0.77580
416375.69	3741754.50	0.73018	416425.69	3741754.50	0.67142
416475.69	3741754.50	0.60940	416525.69	3741754.50	0.54955
414825.69	3741804.50	0.19993	414875.69	3741804.50	0.20687
414925.69	3741804.50	0.21435	414975.69	3741804.50	0.22221
415025.69	3741804.50	0.23052	415075.69	3741804.50	0.23937

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415125.69	3741804.50	0.24830	415175.69	3741804.50	0.25836
415225.69	3741804.50	0.26869	415275.69	3741804.50	0.27970
415325.69	3741804.50	0.29094	415375.69	3741804.50	0.30309
415425.69	3741804.50	0.31586	415475.69	3741804.50	0.32937
415525.69	3741804.50	0.34355	415575.69	3741804.50	0.35836

415625.69	3741804.50	0.37442	415675.69	3741804.50	0.39209
415725.69	3741804.50	0.41218	415775.69	3741804.50	0.43598
415825.69	3741804.50	0.46525	415875.69	3741804.50	0.50211
415925.69	3741804.50	0.54931	415975.69	3741804.50	0.61015
416025.69	3741804.50	0.68792	416075.69	3741804.50	0.78672
416125.69	3741804.50	0.90424	416175.69	3741804.50	1.01334
416225.69	3741804.50	1.07197	416275.69	3741804.50	1.06080
416325.69	3741804.50	0.99485	416375.69	3741804.50	0.90180
416425.69	3741804.50	0.80279	416475.69	3741804.50	0.70906
416525.69	3741804.50	0.62409	414825.69	3741854.50	0.22124
414875.69	3741854.50	0.23006	414925.69	3741854.50	0.23974
414975.69	3741854.50	0.24986	415025.69	3741854.50	0.26074
415075.69	3741854.50	0.27255	415125.69	3741854.50	0.28478
415175.69	3741854.50	0.29880	415225.69	3741854.50	0.31322
415275.69	3741854.50	0.32808	415325.69	3741854.50	0.34550
415375.69	3741854.50	0.36376	415425.69	3741854.50	0.38356
415475.69	3741854.50	0.40503	415525.69	3741854.50	0.42815
415575.69	3741854.50	0.45355	415625.69	3741854.50	0.48151
415675.69	3741854.50	0.51260	415725.69	3741854.50	0.54783
415775.69	3741854.50	0.58867	415825.69	3741854.50	0.63684
415875.69	3741854.50	0.69458	415925.69	3741854.50	0.76499
415975.69	3741854.50	0.85466	416025.69	3741854.50	0.97728
416075.69	3741854.50	1.15413	416125.69	3741854.50	1.37769
416175.69	3741854.50	1.55171	416225.69	3741854.50	1.58044
416275.69	3741854.50	1.47346	416325.69	3741854.50	1.30211
416375.69	3741854.50	1.12252	416425.69	3741854.50	0.96071
416475.69	3741854.50	0.82258	416525.69	3741854.50	0.70599
414825.69	3741904.50	0.24264	414875.69	3741904.50	0.25361
414925.69	3741904.50	0.26568	414975.69	3741904.50	0.27857
415025.69	3741904.50	0.29232	415075.69	3741904.50	0.30712
415125.69	3741904.50	0.32363	415175.69	3741904.50	0.34208
415225.69	3741904.50	0.36152	415275.69	3741904.50	0.38095
415325.69	3741904.50	0.40685	415375.69	3741904.50	0.43304
415425.69	3741904.50	0.46236	415475.69	3741904.50	0.49486
415525.69	3741904.50	0.53138	415575.69	3741904.50	0.57289

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415625.69	3741904.50	0.62027	415675.69	3741904.50	0.67512
415725.69	3741904.50	0.73979	415775.69	3741904.50	0.81750
415825.69	3741904.50	0.91279	415875.69	3741904.50	1.03119
415925.69	3741904.50	1.17882	415975.69	3741904.50	1.36277
416025.69	3741904.50	1.59962	416075.69	3741904.50	1.96969
416125.69	3741904.50	2.50512	416175.69	3741904.50	2.75731
416225.69	3741904.50	2.54469	416275.69	3741904.50	2.12517
416325.69	3741904.50	1.72190	416375.69	3741904.50	1.39527
416425.69	3741904.50	1.14228	416475.69	3741904.50	0.94663
416525.69	3741904.50	0.79294	414825.69	3741954.50	0.26323
414875.69	3741954.50	0.27656	414925.69	3741954.50	0.29057
414975.69	3741954.50	0.30632	415025.69	3741954.50	0.32324
415075.69	3741954.50	0.34209	415125.69	3741954.50	0.36307

415175.69	3741954.50	0.38598	415225.69	3741954.50	0.41168
415275.69	3741954.50	0.43838	415325.69	3741954.50	0.47193
415375.69	3741954.50	0.50785	415425.69	3741954.50	0.54870
415475.69	3741954.50	0.59540	415525.69	3741954.50	0.64948
415575.69	3741954.50	0.71264	415625.69	3741954.50	0.78739
415675.69	3741954.50	0.87750	415725.69	3741954.50	0.98872
415775.69	3741954.50	1.13009	415825.69	3741954.50	1.31645
415875.69	3741954.50	1.57220	415925.69	3741954.50	1.94044
415975.69	3741954.50	2.50614	416025.69	3741954.50	3.45995
416125.69	3741954.50	7.21386	416175.69	3741954.50	6.46582
416225.69	3741954.50	4.53754	416275.69	3741954.50	3.11713
416325.69	3741954.50	2.25857	416375.69	3741954.50	1.71084
416425.69	3741954.50	1.33918	416475.69	3741954.50	1.07493
416525.69	3741954.50	0.87823	414825.69	3742004.50	0.28184
414875.69	3742004.50	0.29532	414925.69	3742004.50	0.31366
414975.69	3742004.50	0.33203	415025.69	3742004.50	0.35229
415075.69	3742004.50	0.37480	415125.69	3742004.50	0.39987
415175.69	3742004.50	0.42660	415225.69	3742004.50	0.45977
415275.69	3742004.50	0.49309	415325.69	3742004.50	0.53611
415375.69	3742004.50	0.58272	415425.69	3742004.50	0.63661
415475.69	3742004.50	0.69942	415525.69	3742004.50	0.77363
415575.69	3742004.50	0.86234	415625.69	3742004.50	0.97023
415675.69	3742004.50	1.10422	415725.69	3742004.50	1.27518
415775.69	3742004.50	1.50172	415825.69	3742004.50	1.81684
415875.69	3742004.50	2.28364	416025.69	3742004.50	7.97828
416175.69	3742004.50	40.11421	416225.69	3742004.50	8.52231
416275.69	3742004.50	4.43660	416325.69	3742004.50	2.87046

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416375.69	3742004.50	2.04559	416425.69	3742004.50	1.53996
416475.69	3742004.50	1.20125	416525.69	3742004.50	0.96238
414825.69	3742054.50	0.29659	414875.69	3742054.50	0.31369
414925.69	3742054.50	0.33269	414975.69	3742054.50	0.35342
415025.69	3742054.50	0.37653	415075.69	3742054.50	0.40241
415125.69	3742054.50	0.43158	415175.69	3742054.50	0.46484
415225.69	3742054.50	0.50178	415275.69	3742054.50	0.54461
415325.69	3742054.50	0.59385	415375.69	3742054.50	0.65132
415425.69	3742054.50	0.71793	415475.69	3742054.50	0.79718
415525.69	3742054.50	0.89229	415575.69	3742054.50	1.00770
415625.69	3742054.50	1.15054	415675.69	3742054.50	1.33111
415725.69	3742054.50	1.56577	415775.69	3742054.50	1.88346
415825.69	3742054.50	2.33601	415875.69	3742054.50	3.02911
415925.69	3742054.50	4.20575	415975.69	3742054.50	6.56558
416175.69	3742054.50	62.25474	416225.69	3742054.50	13.27728
416275.69	3742054.50	5.90877	416325.69	3742054.50	3.51028
416375.69	3742054.50	2.38116	416425.69	3742054.50	1.73383
416475.69	3742054.50	1.32025	416525.69	3742054.50	1.03439
414825.69	3742104.50	0.30760	414875.69	3742104.50	0.32593
414925.69	3742104.50	0.34634	414975.69	3742104.50	0.36903
415025.69	3742104.50	0.39441	415075.69	3742104.50	0.42287

415125.69	3742104.50	0.45519	415175.69	3742104.50	0.49213
415225.69	3742104.50	0.53398	415275.69	3742104.50	0.58276
415325.69	3742104.50	0.63889	415375.69	3742104.50	0.70548
415425.69	3742104.50	0.78330	415475.69	3742104.50	0.87703
415525.69	3742104.50	0.99082	415575.69	3742104.50	1.13066
415625.69	3742104.50	1.30579	415675.69	3742104.50	1.52989
415725.69	3742104.50	1.82422	415775.69	3742104.50	2.22617
415825.69	3742104.50	2.80338	415875.69	3742104.50	3.69697
415925.69	3742104.50	5.24694	415975.69	3742104.50	8.51284
416175.69	3742104.50	45.48579	416225.69	3742104.50	15.17881
416275.69	3742104.50	7.18844	416325.69	3742104.50	4.14709
416375.69	3742104.50	2.71393	416425.69	3742104.50	1.91372
416475.69	3742104.50	1.42932	416525.69	3742104.50	1.10312
414825.69	3742154.50	0.31352	414875.69	3742154.50	0.33259
414925.69	3742154.50	0.35386	414975.69	3742154.50	0.37758
415025.69	3742154.50	0.40422	415075.69	3742154.50	0.43431
415125.69	3742154.50	0.46844	415175.69	3742154.50	0.50745
415225.69	3742154.50	0.55246	415275.69	3742154.50	0.60244
415325.69	3742154.50	0.66230	415375.69	3742154.50	0.73415

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415425.69	3742154.50	0.82391	415475.69	3742154.50	0.92810
415525.69	3742154.50	1.05557	415575.69	3742154.50	1.21404
415625.69	3742154.50	1.41504	415675.69	3742154.50	1.67538
415725.69	3742154.50	2.02181	415775.69	3742154.50	2.50014
415825.69	3742154.50	3.19415	415875.69	3742154.50	4.28201
415925.69	3742154.50	6.21897	416175.69	3742154.50	36.12313
416225.69	3742154.50	15.35733	416275.69	3742154.50	8.04924
416325.69	3742154.50	4.72626	416375.69	3742154.50	3.02752
416425.69	3742154.50	2.09655	416475.69	3742154.50	1.52800
416525.69	3742154.50	1.15705	414825.69	3742204.50	0.31382
414875.69	3742204.50	0.33292	414925.69	3742204.50	0.35428
414975.69	3742204.50	0.37808	415025.69	3742204.50	0.40486
415075.69	3742204.50	0.43514	415125.69	3742204.50	0.46964
415175.69	3742204.50	0.50917	415225.69	3742204.50	0.55480
415275.69	3742204.50	0.60679	415325.69	3742204.50	0.67017
415375.69	3742204.50	0.74435	415425.69	3742204.50	0.83322
415475.69	3742204.50	0.94141	415525.69	3742204.50	1.07501
415575.69	3742204.50	1.24290	415625.69	3742204.50	1.45839
415675.69	3742204.50	1.74187	415725.69	3742204.50	2.12644
415775.69	3742204.50	2.66994	415825.69	3742204.50	3.48030
415925.69	3742204.50	7.21726	415975.69	3742204.50	13.20805
416025.69	3742204.50	56.07049	416175.69	3742204.50	30.51380
416225.69	3742204.50	15.23787	416275.69	3742204.50	8.62663
416325.69	3742204.50	5.19472	416375.69	3742204.50	3.31672
416425.69	3742204.50	2.25404	416475.69	3742204.50	1.61504
416525.69	3742204.50	1.21201	414825.69	3742254.50	0.30847
414875.69	3742254.50	0.32683	414925.69	3742254.50	0.34725
414975.69	3742254.50	0.37064	415025.69	3742254.50	0.39622
415075.69	3742254.50	0.42532	415125.69	3742254.50	0.45862

415175.69	3742254.50	0.49659	415225.69	3742254.50	0.54058
415275.69	3742254.50	0.59181	415325.69	3742254.50	0.65148
415375.69	3742254.50	0.72277	415425.69	3742254.50	0.80850
415475.69	3742254.50	0.91316	415525.69	3742254.50	1.04302
415575.69	3742254.50	1.20727	415625.69	3742254.50	1.42009
415675.69	3742254.50	1.70415	415725.69	3742254.50	2.09707
415775.69	3742254.50	2.66816	415825.69	3742254.50	3.55435
415925.69	3742254.50	8.10055	416125.69	3742254.50	81.01394
416175.69	3742254.50	31.80166	416225.69	3742254.50	16.61990
416275.69	3742254.50	9.17651	416325.69	3742254.50	5.50861
416375.69	3742254.50	3.50176	416425.69	3742254.50	2.37425

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416475.69	3742254.50	1.68918	416525.69	3742254.50	1.25354
414825.69	3742304.50	0.29776	414875.69	3742304.50	0.31478
414925.69	3742304.50	0.33389	414975.69	3742304.50	0.35522
415025.69	3742304.50	0.37893	415075.69	3742304.50	0.40586
415125.69	3742304.50	0.43621	415175.69	3742304.50	0.47095
415225.69	3742304.50	0.51084	415275.69	3742304.50	0.55711
415325.69	3742304.50	0.61119	415375.69	3742304.50	0.67532
415425.69	3742304.50	0.75224	415475.69	3742304.50	0.84588
415525.69	3742304.50	0.96180	415575.69	3742304.50	1.10839
415625.69	3742304.50	1.29839	415675.69	3742304.50	1.55251
415725.69	3742304.50	1.90623	415775.69	3742304.50	2.42591
415825.69	3742304.50	3.24930	415925.69	3742304.50	7.93486
416225.69	3742304.50	24.27848	416275.69	3742304.50	9.60920
416325.69	3742304.50	5.60283	416375.69	3742304.50	3.62089
416425.69	3742304.50	2.45706	416475.69	3742304.50	1.74535
416525.69	3742304.50	1.28191	415375.69	3742354.50	0.60835
414825.69	3742404.50	0.26397	414875.69	3742404.50	0.27728
414925.69	3742404.50	0.29176	414975.69	3742404.50	0.30780
415025.69	3742404.50	0.32551	415075.69	3742404.50	0.34525
415125.69	3742404.50	0.36739	415175.69	3742404.50	0.39213
415225.69	3742404.50	0.42001	415275.69	3742404.50	0.45179
415325.69	3742404.50	0.48848	415375.69	3742404.50	0.53098
415425.69	3742404.50	0.58084	415475.69	3742404.50	0.63997
415525.69	3742404.50	0.71113	415575.69	3742404.50	0.79839
415625.69	3742404.50	0.90743	415675.69	3742404.50	1.04697
415725.69	3742404.50	1.23102	415775.69	3742404.50	1.48326
415825.69	3742404.50	1.84671	415875.69	3742404.50	2.40961
415925.69	3742404.50	3.39803	415975.69	3742404.50	5.66616
416025.69	3742404.50	11.27207	416075.69	3742404.50	17.27123
416125.69	3742404.50	20.18426	416175.69	3742404.50	19.19180
416225.69	3742404.50	13.92649	416275.69	3742404.50	8.51308
416325.69	3742404.50	5.32107	416375.69	3742404.50	3.55387
416425.69	3742404.50	2.48581	416475.69	3742404.50	1.78962
416525.69	3742404.50	1.33233	414825.69	3742454.50	0.24301
414875.69	3742454.50	0.25414	414925.69	3742454.50	0.26615
414975.69	3742454.50	0.27932	415025.69	3742454.50	0.29374
415075.69	3742454.50	0.30961	415125.69	3742454.50	0.32715

415175.69	3742454.50	0.34662	415225.69	3742454.50	0.36840
415275.69	3742454.50	0.39291	415325.69	3742454.50	0.42072
415375.69	3742454.50	0.45249	415425.69	3742454.50	0.48913

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415475.69	3742454.50	0.53190	415525.69	3742454.50	0.58237
415575.69	3742454.50	0.64301	415625.69	3742454.50	0.71706
415675.69	3742454.50	0.80957	415725.69	3742454.50	0.92851
415775.69	3742454.50	1.08728	415825.69	3742454.50	1.30953
415875.69	3742454.50	1.64422	415925.69	3742454.50	2.20718
415975.69	3742454.50	3.31242	416025.69	3742454.50	5.47200
416075.69	3742454.50	8.24483	416125.69	3742454.50	10.30656
416175.69	3742454.50	10.71722	416225.69	3742454.50	9.29732
416275.69	3742454.50	6.94088	416325.69	3742454.50	4.86882
416375.69	3742454.50	3.40964	416425.69	3742454.50	2.43904
416475.69	3742454.50	1.78976	416525.69	3742454.50	1.35083
414825.69	3742504.50	0.22116	414875.69	3742504.50	0.23012
414925.69	3742504.50	0.23987	414975.69	3742504.50	0.25029
415025.69	3742504.50	0.26167	415075.69	3742504.50	0.27404
415125.69	3742504.50	0.28752	415175.69	3742504.50	0.30236
415225.69	3742504.50	0.31876	415275.69	3742504.50	0.33698
415325.69	3742504.50	0.35736	415375.69	3742504.50	0.38043
415425.69	3742504.50	0.40666	415475.69	3742504.50	0.43688
415525.69	3742504.50	0.47219	415575.69	3742504.50	0.51421
415625.69	3742504.50	0.56522	415675.69	3742504.50	0.62884
415725.69	3742504.50	0.71098	415775.69	3742504.50	0.82073
415825.69	3742504.50	0.97564	415875.69	3742504.50	1.20621
415925.69	3742504.50	1.57489	415975.69	3742504.50	2.21466
416025.69	3742504.50	3.30276	416075.69	3742504.50	4.75545
416125.69	3742504.50	6.08228	416175.69	3742504.50	6.74645
416225.69	3742504.50	6.47049	416275.69	3742504.50	5.45988
416325.69	3742504.50	4.25370	416375.69	3742504.50	3.18141
416425.69	3742504.50	2.36436	416475.69	3742504.50	1.77533
416525.69	3742504.50	1.35693	414825.69	3742554.50	0.19953
414875.69	3742554.50	0.20669	414925.69	3742554.50	0.21425
414975.69	3742554.50	0.22237	415025.69	3742554.50	0.23109
415075.69	3742554.50	0.24053	415125.69	3742554.50	0.25072
415175.69	3742554.50	0.26182	415225.69	3742554.50	0.27399
415275.69	3742554.50	0.28741	415325.69	3742554.50	0.30229
415375.69	3742554.50	0.31903	415425.69	3742554.50	0.33805
415475.69	3742554.50	0.35994	415525.69	3742554.50	0.38563
415575.69	3742554.50	0.41643	415625.69	3742554.50	0.45437
415675.69	3742554.50	0.50236	415725.69	3742554.50	0.56522
415775.69	3742554.50	0.64962	415825.69	3742554.50	0.76739
415875.69	3742554.50	0.93710	415925.69	3742554.50	1.19308

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415975.69	3742554.50	1.59799	416025.69	3742554.50	2.22068
416075.69	3742554.50	3.05933	416125.69	3742554.50	3.91231
416175.69	3742554.50	4.51778	416225.69	3742554.50	4.61724
416275.69	3742554.50	4.25474	416325.69	3742554.50	3.59332
416375.69	3742554.50	2.87751	416425.69	3742554.50	2.24166
416475.69	3742554.50	1.73759	416525.69	3742554.50	1.35125
414825.69	3742604.50	0.17907	414875.69	3742604.50	0.18463
414925.69	3742604.50	0.19048	414975.69	3742604.50	0.19674
415025.69	3742604.50	0.20338	415075.69	3742604.50	0.21051
415125.69	3742604.50	0.21822	415175.69	3742604.50	0.22656
415225.69	3742604.50	0.23569	415275.69	3742604.50	0.24574
415325.69	3742604.50	0.25690	415375.69	3742604.50	0.26955
415425.69	3742604.50	0.28401	415475.69	3742604.50	0.30087
415525.69	3742604.50	0.32097	415575.69	3742604.50	0.34550
415625.69	3742604.50	0.37620	415675.69	3742604.50	0.41546
415725.69	3742604.50	0.46669	415775.69	3742604.50	0.53484
415825.69	3742604.50	0.62722	415875.69	3742604.50	0.75536
415925.69	3742604.50	0.93903	415975.69	3742604.50	1.20928
416025.69	3742604.50	1.60357	416075.69	3742604.50	2.12017
416125.69	3742604.50	2.68010	416175.69	3742604.50	3.15136
416225.69	3742604.50	3.37922	416275.69	3742604.50	3.29976
416325.69	3742604.50	2.98402	416375.69	3742604.50	2.53833
416425.69	3742604.50	2.07844	416475.69	3742604.50	1.66758
416525.69	3742604.50	1.32668	414825.69	3742654.50	0.16028
414875.69	3742654.50	0.16473	414925.69	3742654.50	0.16922
414975.69	3742654.50	0.17404	415025.69	3742654.50	0.17915
415075.69	3742654.50	0.18468	415125.69	3742654.50	0.19060
415175.69	3742654.50	0.19703	415225.69	3742654.50	0.20413
415275.69	3742654.50	0.21199	415325.69	3742654.50	0.22083
415375.69	3742654.50	0.23095	415425.69	3742654.50	0.24272
415475.69	3742654.50	0.25667	415525.69	3742654.50	0.27354
415575.69	3742654.50	0.29438	415625.69	3742654.50	0.32058
415675.69	3742654.50	0.35394	415725.69	3742654.50	0.39681
415775.69	3742654.50	0.45254	415825.69	3742654.50	0.52496
415875.69	3742654.50	0.62418	415925.69	3742654.50	0.75940
415975.69	3742654.50	0.94956	416025.69	3742654.50	1.21179
416075.69	3742654.50	1.55238	416125.69	3742654.50	1.93195
416175.69	3742654.50	2.28561	416225.69	3742654.50	2.52010
416275.69	3742654.50	2.57185	416325.69	3742654.50	2.45304
416375.69	3742654.50	2.19803	416425.69	3742654.50	1.88717

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416475.69	3742654.50	1.57370	416525.69	3742654.50	1.28845
414825.69	3742704.50	0.14373	414875.69	3742704.50	0.14713
414925.69	3742704.50	0.15068	414975.69	3742704.50	0.15451
415025.69	3742704.50	0.15855	415075.69	3742704.50	0.16293
415125.69	3742704.50	0.16771	415175.69	3742704.50	0.17284
415225.69	3742704.50	0.17872	415275.69	3742704.50	0.18523
415325.69	3742704.50	0.19266	415375.69	3742704.50	0.20128
415425.69	3742704.50	0.21143	415475.69	3742704.50	0.22360
415525.69	3742704.50	0.23842	415575.69	3742704.50	0.25674
415625.69	3742704.50	0.27958	415675.69	3742704.50	0.30829
415725.69	3742704.50	0.34437	415775.69	3742704.50	0.38987
415825.69	3742704.50	0.44865	415875.69	3742704.50	0.52548
415925.69	3742704.50	0.62741	415975.69	3742704.50	0.76429
416025.69	3742704.50	0.94681	416075.69	3742704.50	1.18249
416125.69	3742704.50	1.45158	416175.69	3742704.50	1.72182
416225.69	3742704.50	1.91326	416275.69	3742704.50	2.01621
416325.69	3742704.50	2.00212	416375.69	3742704.50	1.87754
416425.69	3742704.50	1.68300	416475.69	3742704.50	1.45511
416525.69	3742704.50	1.22988	414825.69	3742754.50	0.12928
414875.69	3742754.50	0.13202	414925.69	3742754.50	0.13494
414975.69	3742754.50	0.13806	415025.69	3742754.50	0.14142
415075.69	3742754.50	0.14506	415125.69	3742754.50	0.14906
415175.69	3742754.50	0.15349	415225.69	3742754.50	0.15850
415275.69	3742754.50	0.16418	415325.69	3742754.50	0.17074
415375.69	3742754.50	0.17840	415425.69	3742754.50	0.18749
415475.69	3742754.50	0.19842	415525.69	3742754.50	0.21171
415575.69	3742754.50	0.22801	415625.69	3742754.50	0.24805
415675.69	3742754.50	0.27277	415725.69	3742754.50	0.30327
415775.69	3742754.50	0.33991	415825.69	3742754.50	0.38790
415875.69	3742754.50	0.44795	415925.69	3742754.50	0.52762
415975.69	3742754.50	0.62956	416025.69	3742754.50	0.76292
416075.69	3742754.50	0.93050	416125.69	3742754.50	1.12594
416175.69	3742754.50	1.32348	416225.69	3742754.50	1.49196
416275.69	3742754.50	1.60329	416325.69	3742754.50	1.63943
416375.69	3742754.50	1.58839	416425.69	3742754.50	1.47599
416475.69	3742754.50	1.32235	416525.69	3742754.50	1.16192

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416000.22	3742138.38	1.40781	416003.27	3742119.68	1.23499
416012.87	3742098.54	1.06653	416018.13	3742085.81	0.98281
416025.49	3742064.30	0.86526	415992.96	3742007.08	0.69369
415971.97	3742007.08	0.71174	415951.36	3742008.23	0.73215
415938.65	3742006.82	0.73722	415914.21	3742007.70	0.75762
415948.69	3741983.74	0.65993	415932.78	3741983.74	0.67030
415897.67	3742009.19	0.77379	415909.29	3741983.99	0.68530

415897.91	3741986.07	0.69799	415840.05	3742332.45	32.04603
415817.19	3742333.63	33.21607	415797.71	3742334.14	33.47386
415776.37	3742334.65	33.67142	415755.37	3742334.14	32.33539
415737.59	3742335.33	33.63383	415717.44	3742335.16	32.81530
415697.62	3742334.65	31.55587	415673.57	3742336.17	33.10622
415631.07	3742337.87	34.50647	415612.10	3742338.04	34.20549
415595.33	3742338.58	34.55532	415574.47	3742336.93	31.50607
415556.42	3742337.40	31.68188	415535.80	3742336.70	30.21167
415516.34	3742336.23	29.15240	415493.84	3742337.87	30.67948
415638.93	3742382.64	43.55933	415694.02	3742380.53	45.54767
415730.12	3742380.30	44.59990	415416.95	3742332.72	23.56607
415400.78	3742341.39	33.06935	415387.65	3742342.56	34.48224
415860.32	3742334.81	36.39342	414825.69	3741754.50	0.20171
414875.69	3741754.50	0.21403	414925.69	3741754.50	0.22669
414975.69	3741754.50	0.23964	415025.69	3741754.50	0.25267
415075.69	3741754.50	0.26544	415125.69	3741754.50	0.27779
415175.69	3741754.50	0.28946	415225.69	3741754.50	0.30037
415275.69	3741754.50	0.31026	415325.69	3741754.50	0.31900
415375.69	3741754.50	0.32652	415425.69	3741754.50	0.33277
415475.69	3741754.50	0.33769	415525.69	3741754.50	0.34087
415575.69	3741754.50	0.34271	415625.69	3741754.50	0.34385
415675.69	3741754.50	0.34290	415725.69	3741754.50	0.34038
415775.69	3741754.50	0.33630	415825.69	3741754.50	0.33066
415875.69	3741754.50	0.32351	415925.69	3741754.50	0.31494
415975.69	3741754.50	0.30507	416025.69	3741754.50	0.29416
416075.69	3741754.50	0.28237	416125.69	3741754.50	0.27004
416175.69	3741754.50	0.25721	416225.69	3741754.50	0.24442
416275.69	3741754.50	0.23189	416325.69	3741754.50	0.21975
416375.69	3741754.50	0.20805	416425.69	3741754.50	0.19680
416475.69	3741754.50	0.18616	416525.69	3741754.50	0.17586
414825.69	3741804.50	0.22211	414875.69	3741804.50	0.23695
414925.69	3741804.50	0.25253	414975.69	3741804.50	0.26854
415025.69	3741804.50	0.28469	415075.69	3741804.50	0.30063

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415125.69	3741804.50	0.31594	415175.69	3741804.50	0.33060
415225.69	3741804.50	0.34409	415275.69	3741804.50	0.35422
415325.69	3741804.50	0.36715	415375.69	3741804.50	0.37645
415425.69	3741804.50	0.38416	415475.69	3741804.50	0.39003
415525.69	3741804.50	0.39369	415575.69	3741804.50	0.39713
415625.69	3741804.50	0.39786	415675.69	3741804.50	0.39669
415725.69	3741804.50	0.39358	415775.69	3741804.50	0.38848
415825.69	3741804.50	0.38140	415875.69	3741804.50	0.37226
415925.69	3741804.50	0.36135	415975.69	3741804.50	0.34828
416025.69	3741804.50	0.33448	416075.69	3741804.50	0.31976
416125.69	3741804.50	0.30399	416175.69	3741804.50	0.28800
416225.69	3741804.50	0.27199	416275.69	3741804.50	0.25625

416325.69	3741804.50	0.24117	416375.69	3741804.50	0.22685
416425.69	3741804.50	0.21326	416475.69	3741804.50	0.20033
416525.69	3741804.50	0.18794	414825.69	3741854.50	0.24604
414875.69	3741854.50	0.26435	414925.69	3741854.50	0.28381
414975.69	3741854.50	0.30390	415025.69	3741854.50	0.32429
415075.69	3741854.50	0.34451	415125.69	3741854.50	0.36397
415175.69	3741854.50	0.37952	415225.69	3741854.50	0.39884
415275.69	3741854.50	0.40604	415325.69	3741854.50	0.42842
415375.69	3741854.50	0.44001	415425.69	3741854.50	0.44949
415475.69	3741854.50	0.45599	415525.69	3741854.50	0.46252
415575.69	3741854.50	0.46570	415625.69	3741854.50	0.46660
415675.69	3741854.50	0.46515	415725.69	3741854.50	0.46127
415775.69	3741854.50	0.45487	415825.69	3741854.50	0.44591
415875.69	3741854.50	0.43425	415925.69	3741854.50	0.42029
415975.69	3741854.50	0.40405	416025.69	3741854.50	0.38570
416075.69	3741854.50	0.36626	416125.69	3741854.50	0.34609
416175.69	3741854.50	0.32546	416225.69	3741854.50	0.30504
416275.69	3741854.50	0.28515	416325.69	3741854.50	0.26625
416375.69	3741854.50	0.24819	416425.69	3741854.50	0.23157
416475.69	3741854.50	0.21575	416525.69	3741854.50	0.20124
414825.69	3741904.50	0.27468	414875.69	3741904.50	0.29272
414925.69	3741904.50	0.32229	414975.69	3741904.50	0.34804
415025.69	3741904.50	0.37442	415075.69	3741904.50	0.40052
415125.69	3741904.50	0.42583	415175.69	3741904.50	0.44489
415225.69	3741904.50	0.47141	415275.69	3741904.50	0.46648
415325.69	3741904.50	0.50806	415375.69	3741904.50	0.52275
415425.69	3741904.50	0.53388	415475.69	3741904.50	0.54414
415525.69	3741904.50	0.55088	415575.69	3741904.50	0.55480

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415625.69	3741904.50	0.55590	415675.69	3741904.50	0.55409
415725.69	3741904.50	0.54920	415775.69	3741904.50	0.54113
415825.69	3741904.50	0.52975	415875.69	3741904.50	0.51500
415925.69	3741904.50	0.49690	415975.69	3741904.50	0.47572
416025.69	3741904.50	0.45152	416075.69	3741904.50	0.42566
416125.69	3741904.50	0.39873	416175.69	3741904.50	0.37121
416225.69	3741904.50	0.34473	416275.69	3741904.50	0.31918
416325.69	3741904.50	0.29519	416375.69	3741904.50	0.27265
416425.69	3741904.50	0.25188	416475.69	3741904.50	0.23320
416525.69	3741904.50	0.21587	414825.69	3741954.50	0.30931
414875.69	3741954.50	0.33511	414925.69	3741954.50	0.37053
414975.69	3741954.50	0.40438	415025.69	3741954.50	0.43927
415075.69	3741954.50	0.47403	415125.69	3741954.50	0.50745
415175.69	3741954.50	0.53881	415225.69	3741954.50	0.56204
415275.69	3741954.50	0.54368	415325.69	3741954.50	0.61335
415375.69	3741954.50	0.63311	415425.69	3741954.50	0.64837
415475.69	3741954.50	0.66016	415525.69	3741954.50	0.66847

415575.69	3741954.50	0.67332	415625.69	3741954.50	0.67467
415675.69	3741954.50	0.67237	415725.69	3741954.50	0.66622
415775.69	3741954.50	0.65600	415825.69	3741954.50	0.64140
415875.69	3741954.50	0.62227	415925.69	3741954.50	0.59850
415975.69	3741954.50	0.57031	416025.69	3741954.50	0.53761
416125.69	3741954.50	0.46557	416175.69	3741954.50	0.42889
416225.69	3741954.50	0.39365	416275.69	3741954.50	0.36027
416325.69	3741954.50	0.32935	416375.69	3741954.50	0.30092
416425.69	3741954.50	0.27496	416475.69	3741954.50	0.25221
416525.69	3741954.50	0.23123	414825.69	3742004.50	0.34743
414875.69	3742004.50	0.37534	414925.69	3742004.50	0.43157
414975.69	3742004.50	0.47785	415025.69	3742004.50	0.52559
415075.69	3742004.50	0.57327	415125.69	3742004.50	0.61907
415175.69	3742004.50	0.63522	415225.69	3742004.50	0.69834
415275.69	3742004.50	0.69161	415325.69	3742004.50	0.76158
415375.69	3742004.50	0.78546	415425.69	3742004.50	0.80472
415475.69	3742004.50	0.81956	415525.69	3742004.50	0.82993
415575.69	3742004.50	0.83598	415625.69	3742004.50	0.83761
415675.69	3742004.50	0.83469	415725.69	3742004.50	0.82699
415775.69	3742004.50	0.81407	415825.69	3742004.50	0.79542
415875.69	3742004.50	0.77050	416025.69	3742004.50	0.65599
416175.69	3742004.50	0.50348	416225.69	3742004.50	0.45501
416275.69	3742004.50	0.41036	416325.69	3742004.50	0.36939

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416375.69	3742004.50	0.33297	416425.69	3742004.50	0.30105
416475.69	3742004.50	0.27270	416525.69	3742004.50	0.24783
414825.69	3742054.50	0.40394	414875.69	3742054.50	0.45472
414925.69	3742054.50	0.51272	414975.69	3742054.50	0.57706
415025.69	3742054.50	0.64503	415075.69	3742054.50	0.71318
415125.69	3742054.50	0.77806	415175.69	3742054.50	0.82136
415225.69	3742054.50	0.88974	415275.69	3742054.50	0.93458
415325.69	3742054.50	0.97229	415375.69	3742054.50	0.99457
415425.69	3742054.50	1.02783	415475.69	3742054.50	1.04652
415525.69	3742054.50	1.05940	415575.69	3742054.50	1.06703
415625.69	3742054.50	1.06913	415675.69	3742054.50	1.06555
415725.69	3742054.50	1.05614	415775.69	3742054.50	1.03971
415825.69	3742054.50	1.01589	415875.69	3742054.50	0.98322
415925.69	3742054.50	0.94058	415975.69	3742054.50	0.88749
416175.69	3742054.50	0.60275	416225.69	3742054.50	0.53312
416275.69	3742054.50	0.47174	416325.69	3742054.50	0.41680
416375.69	3742054.50	0.36932	416425.69	3742054.50	0.32858
416475.69	3742054.50	0.29440	416525.69	3742054.50	0.26434
414825.69	3742104.50	0.46927	414875.69	3742104.50	0.53866
414925.69	3742104.50	0.62124	414975.69	3742104.50	0.71582
415025.69	3742104.50	0.81797	415075.69	3742104.50	0.92087
415125.69	3742104.50	1.01752	415175.69	3742104.50	1.10317

415225.69	3742104.50	1.17752	415275.69	3742104.50	1.23863
415325.69	3742104.50	1.28973	415375.69	3742104.50	1.30650
415425.69	3742104.50	1.36199	415475.69	3742104.50	1.38598
415525.69	3742104.50	1.40252	415575.69	3742104.50	1.41252
415625.69	3742104.50	1.41577	415675.69	3742104.50	1.41179
415725.69	3742104.50	1.40073	415775.69	3742104.50	1.38035
415825.69	3742104.50	1.35015	415875.69	3742104.50	1.30746
415925.69	3742104.50	1.24958	415975.69	3742104.50	1.17378
416175.69	3742104.50	0.73664	416225.69	3742104.50	0.63522
416275.69	3742104.50	0.54694	416325.69	3742104.50	0.47197
416375.69	3742104.50	0.41012	416425.69	3742104.50	0.35820
416475.69	3742104.50	0.31690	416525.69	3742104.50	0.28183
414825.69	3742154.50	0.55134	414875.69	3742154.50	0.64895
414925.69	3742154.50	0.77165	414975.69	3742154.50	0.91988
415025.69	3742154.50	1.08562	415075.69	3742154.50	1.25301
415125.69	3742154.50	1.40655	415175.69	3742154.50	1.53789
415225.69	3742154.50	1.64547	415275.69	3742154.50	1.60709
415325.69	3742154.50	1.64969	415375.69	3742154.50	1.70433

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415425.69	3742154.50	1.89691	415475.69	3742154.50	1.92834
415525.69	3742154.50	1.95130	415575.69	3742154.50	1.96614
415625.69	3742154.50	1.97238	415675.69	3742154.50	1.96969
415725.69	3742154.50	1.95770	415775.69	3742154.50	1.93334
415825.69	3742154.50	1.89637	415875.69	3742154.50	1.84171
415925.69	3742154.50	1.76124	416175.69	3742154.50	0.93058
416225.69	3742154.50	0.76846	416275.69	3742154.50	0.63863
416325.69	3742154.50	0.53477	416375.69	3742154.50	0.45299
416425.69	3742154.50	0.39036	416475.69	3742154.50	0.33951
416525.69	3742154.50	0.29840	414825.69	3742204.50	0.65374
414875.69	3742204.50	0.79547	414925.69	3742204.50	0.98791
414975.69	3742204.50	1.24159	415025.69	3742204.50	1.54364
415075.69	3742204.50	1.84973	415125.69	3742204.50	2.11578
415175.69	3742204.50	2.32711	415225.69	3742204.50	2.48940
415275.69	3742204.50	2.45377	415325.69	3742204.50	2.58331
415375.69	3742204.50	2.78444	415425.69	3742204.50	2.84371
415475.69	3742204.50	2.88990	415525.69	3742204.50	2.92553
415575.69	3742204.50	2.95132	415625.69	3742204.50	2.96707
415675.69	3742204.50	2.97228	415725.69	3742204.50	2.96604
415775.69	3742204.50	2.94364	415825.69	3742204.50	2.90138
415925.69	3742204.50	2.71940	415975.69	3742204.50	2.56034
416025.69	3742204.50	2.31429	416175.69	3742204.50	1.22174
416225.69	3742204.50	0.94796	416275.69	3742204.50	0.74701
416325.69	3742204.50	0.60389	416375.69	3742204.50	0.49875
416425.69	3742204.50	0.42093	416475.69	3742204.50	0.36139
416525.69	3742204.50	0.31511	414825.69	3742254.50	0.77532
414875.69	3742254.50	0.98676	414925.69	3742254.50	1.30794

414975.69	3742254.50	1.79879	415025.69	3742254.50	2.46909
415075.69	3742254.50	3.14722	415125.69	3742254.50	3.66866
415175.69	3742254.50	4.03201	415225.69	3742254.50	4.28449
415275.69	3742254.50	4.30404	415325.69	3742254.50	4.62178
415375.69	3742254.50	4.73930	415425.69	3742254.50	4.83750
415475.69	3742254.50	4.92069	415525.69	3742254.50	4.99159
415575.69	3742254.50	5.05246	415625.69	3742254.50	5.10286
415675.69	3742254.50	5.13933	415725.69	3742254.50	5.16457
415775.69	3742254.50	5.16880	415825.69	3742254.50	5.14759
415925.69	3742254.50	4.96090	416125.69	3742254.50	2.47328
416175.69	3742254.50	1.67250	416225.69	3742254.50	1.17390
416275.69	3742254.50	0.86740	416325.69	3742254.50	0.67331
416375.69	3742254.50	0.54083	416425.69	3742254.50	0.44925

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416475.69	3742254.50	0.38142	416525.69	3742254.50	0.32953
414825.69	3742304.50	0.89758	414875.69	3742304.50	1.20681
414925.69	3742304.50	1.76130	414975.69	3742304.50	2.89144
415025.69	3742304.50	5.06519	415075.69	3742304.50	7.24431
415125.69	3742304.50	8.45303	415175.69	3742304.50	9.14673
415225.69	3742304.50	9.60349	415275.69	3742304.50	9.87980
415325.69	3742304.50	10.31507	415375.69	3742304.50	10.59840
415425.69	3742304.50	10.86439	415475.69	3742304.50	11.11933
415525.69	3742304.50	11.36848	415575.69	3742304.50	11.61134
415625.69	3742304.50	11.84973	415675.69	3742304.50	12.08132
415725.69	3742304.50	12.30627	415775.69	3742304.50	12.51784
415825.69	3742304.50	12.70547	415925.69	3742304.50	12.90600
416225.69	3742304.50	1.41665	416275.69	3742304.50	0.97704
416325.69	3742304.50	0.73295	416375.69	3742304.50	0.57965
416425.69	3742304.50	0.47392	416475.69	3742304.50	0.39835
416525.69	3742304.50	0.34098	415375.69	3742354.50	65.67936
414825.69	3742404.50	0.96305	414875.69	3742404.50	1.34121
414925.69	3742404.50	2.11505	414975.69	3742404.50	4.33206
415025.69	3742404.50	14.49800	415075.69	3742404.50	24.89570
415125.69	3742404.50	27.13060	415175.69	3742404.50	26.55782
415225.69	3742404.50	26.30843	415275.69	3742404.50	25.92640
415325.69	3742404.50	25.37477	415375.69	3742404.50	24.81199
415425.69	3742404.50	24.29311	415475.69	3742404.50	23.73328
415525.69	3742404.50	23.14550	415575.69	3742404.50	22.60450
415625.69	3742404.50	22.08826	415675.69	3742404.50	21.55163
415725.69	3742404.50	21.03156	415775.69	3742404.50	20.49691
415825.69	3742404.50	19.99240	415875.69	3742404.50	19.51623
415925.69	3742404.50	18.72117	415975.69	3742404.50	17.84933
416025.69	3742404.50	16.48526	416075.69	3742404.50	13.40345
416125.69	3742404.50	6.97987	416175.69	3742404.50	3.09599
416225.69	3742404.50	1.70331	416275.69	3742404.50	1.11055
416325.69	3742404.50	0.80498	416375.69	3742404.50	0.62335

416425.69	3742404.50	0.50346	416475.69	3742404.50	0.41834
416525.69	3742404.50	0.35656	414825.69	3742454.50	0.87622
414875.69	3742454.50	1.16922	414925.69	3742454.50	1.68268
414975.69	3742454.50	2.68777	415025.69	3742454.50	4.77989
415075.69	3742454.50	7.45573	415125.69	3742454.50	9.03470
415175.69	3742454.50	9.71622	415225.69	3742454.50	10.00418
415275.69	3742454.50	10.10388	415325.69	3742454.50	10.11180
415375.69	3742454.50	10.07586	415425.69	3742454.50	10.00405

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415475.69	3742454.50	9.93260	415525.69	3742454.50	9.81867
415575.69	3742454.50	9.70463	415625.69	3742454.50	9.59767
415675.69	3742454.50	9.46099	415725.69	3742454.50	9.30595
415775.69	3742454.50	9.13127	415825.69	3742454.50	8.96609
415875.69	3742454.50	8.74373	415925.69	3742454.50	8.40585
415975.69	3742454.50	7.98559	416025.69	3742454.50	7.35458
416075.69	3742454.50	6.23052	416125.69	3742454.50	4.44932
416175.69	3742454.50	2.74866	416225.69	3742454.50	1.69409
416275.69	3742454.50	1.13176	416325.69	3742454.50	0.82080
416375.69	3742454.50	0.63189	416425.69	3742454.50	0.50817
416475.69	3742454.50	0.42224	416525.69	3742454.50	0.36019
414825.69	3742504.50	0.76230	414875.69	3742504.50	0.97096
414925.69	3742504.50	1.29011	414975.69	3742504.50	1.80232
415025.69	3742504.50	2.63841	415075.69	3742504.50	3.73539
415125.69	3742504.50	4.67258	415175.69	3742504.50	5.27112
415225.69	3742504.50	5.60224	415275.69	3742504.50	5.78433
415325.69	3742504.50	5.87475	415375.69	3742504.50	5.92431
415425.69	3742504.50	5.93194	415475.69	3742504.50	5.91509
415525.69	3742504.50	5.88410	415575.69	3742504.50	5.84665
415625.69	3742504.50	5.79310	415675.69	3742504.50	5.73257
415725.69	3742504.50	5.64724	415775.69	3742504.50	5.56394
415825.69	3742504.50	5.45146	415875.69	3742504.50	5.30633
415925.69	3742504.50	5.10707	415975.69	3742504.50	4.85277
416025.69	3742504.50	4.47826	416075.69	3742504.50	3.93430
416125.69	3742504.50	3.15673	416175.69	3742504.50	2.29318
416225.69	3742504.50	1.59355	416275.69	3742504.50	1.11994
416325.69	3742504.50	0.82550	416375.69	3742504.50	0.63631
416425.69	3742504.50	0.51091	416475.69	3742504.50	0.42399
416525.69	3742504.50	0.36120	414825.69	3742554.50	0.65530
414875.69	3742554.50	0.80378	414925.69	3742554.50	1.01243
414975.69	3742554.50	1.31213	415025.69	3742554.50	1.74729
415075.69	3742554.50	2.30768	415125.69	3742554.50	2.86998
415175.69	3742554.50	3.31557	415225.69	3742554.50	3.61799
415275.69	3742554.50	3.80693	415325.69	3742554.50	3.92450
415375.69	3742554.50	3.99215	415425.69	3742554.50	4.02947
415475.69	3742554.50	4.04359	415525.69	3742554.50	4.03775
415575.69	3742554.50	4.02479	415625.69	3742554.50	3.99594

415675.69	3742554.50	3.95884	415725.69	3742554.50	3.90975
415775.69	3742554.50	3.84713	415825.69	3742554.50	3.76699
415875.69	3742554.50	3.66837	415925.69	3742554.50	3.53945

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
415975.69	3742554.50	3.36671	416025.69	3742554.50	3.13675
416075.69	3742554.50	2.82105	416125.69	3742554.50	2.39759
416175.69	3742554.50	1.90380	416225.69	3742554.50	1.44490
416275.69	3742554.50	1.07926	416325.69	3742554.50	0.81622
416375.69	3742554.50	0.63617	416425.69	3742554.50	0.51188
416475.69	3742554.50	0.42488	416525.69	3742554.50	0.36116
414825.69	3742604.50	0.56529	414875.69	3742604.50	0.67383
414925.69	3742604.50	0.81745	414975.69	3742604.50	1.01016
415025.69	3742604.50	1.27097	415075.69	3742604.50	1.59968
415125.69	3742604.50	1.95332	415175.69	3742604.50	2.27262
415225.69	3742604.50	2.52101	415275.69	3742604.50	2.69773
415325.69	3742604.50	2.82010	415375.69	3742604.50	2.89617
415425.69	3742604.50	2.94374	415475.69	3742604.50	2.97124
415525.69	3742604.50	2.98089	415575.69	3742604.50	2.97823
415625.69	3742604.50	2.96527	415675.69	3742604.50	2.94144
415725.69	3742604.50	2.90686	415775.69	3742604.50	2.86169
415825.69	3742604.50	2.80614	415875.69	3742604.50	2.73441
415925.69	3742604.50	2.63962	415975.69	3742604.50	2.51976
416025.69	3742604.50	2.36570	416075.69	3742604.50	2.16404
416125.69	3742604.50	1.90505	416175.69	3742604.50	1.60002
416225.69	3742604.50	1.28972	416275.69	3742604.50	1.01450
416325.69	3742604.50	0.79540	416375.69	3742604.50	0.63087
416425.69	3742604.50	0.51150	416475.69	3742604.50	0.42479
416525.69	3742604.50	0.36043	414825.69	3742654.50	0.49189
414875.69	3742654.50	0.57314	414925.69	3742654.50	0.67650
414975.69	3742654.50	0.80892	415025.69	3742654.50	0.97971
415075.69	3742654.50	1.18983	415125.69	3742654.50	1.42421
415175.69	3742654.50	1.65317	415225.69	3742654.50	1.84832
415275.69	3742654.50	2.00340	415325.69	3742654.50	2.11872
415375.69	3742654.50	2.19645	415425.69	3742654.50	2.24943
415475.69	3742654.50	2.28475	415525.69	3742654.50	2.30125
415575.69	3742654.50	2.30758	415625.69	3742654.50	2.30284
415675.69	3742654.50	2.28910	415725.69	3742654.50	2.26486
415775.69	3742654.50	2.23224	415825.69	3742654.50	2.18595
415875.69	3742654.50	2.13628	415925.69	3742654.50	2.06749
415975.69	3742654.50	1.98155	416025.69	3742654.50	1.87221
416075.69	3742654.50	1.73475	416125.69	3742654.50	1.56292
416175.69	3742654.50	1.36102	416225.69	3742654.50	1.14589
416275.69	3742654.50	0.94036	416325.69	3742654.50	0.76342
416375.69	3742654.50	0.61932	416425.69	3742654.50	0.50854

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***
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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
416475.69	3742654.50	0.42462	416525.69	3742654.50	0.36060
414825.69	3742704.50	0.43205	414875.69	3742704.50	0.49467
414925.69	3742704.50	0.57167	414975.69	3742704.50	0.66701
415025.69	3742704.50	0.78593	415075.69	3742704.50	0.92967
415125.69	3742704.50	1.09171	415175.69	3742704.50	1.25914
415225.69	3742704.50	1.41015	415275.69	3742704.50	1.54063
415325.69	3742704.50	1.64393	415375.69	3742704.50	1.72056
415425.69	3742704.50	1.77543	415475.69	3742704.50	1.81170
415525.69	3742704.50	1.83421	415575.69	3742704.50	1.84578
415625.69	3742704.50	1.84638	415675.69	3742704.50	1.84100
415725.69	3742704.50	1.82421	415775.69	3742704.50	1.79632
415825.69	3742704.50	1.76598	415875.69	3742704.50	1.72763
415925.69	3742704.50	1.67616	415975.69	3742704.50	1.61126
416025.69	3742704.50	1.53144	416075.69	3742704.50	1.43386
416125.69	3742704.50	1.31389	416175.69	3742704.50	1.17343
416225.69	3742704.50	1.01812	416275.69	3742704.50	0.86393
416325.69	3742704.50	0.72283	416375.69	3742704.50	0.60107
416425.69	3742704.50	0.50168	416475.69	3742704.50	0.42220
416525.69	3742704.50	0.36019	414825.69	3742754.50	0.38305
414875.69	3742754.50	0.43228	414925.69	3742754.50	0.49125
414975.69	3742754.50	0.56253	415025.69	3742754.50	0.64896
415075.69	3742754.50	0.75188	415125.69	3742754.50	0.86856
415175.69	3742754.50	0.99157	415225.69	3742754.50	1.11091
415275.69	3742754.50	1.21817	415325.69	3742754.50	1.30733
415375.69	3742754.50	1.37724	415425.69	3742754.50	1.43191
415475.69	3742754.50	1.47004	415525.69	3742754.50	1.49530
415575.69	3742754.50	1.51169	415625.69	3742754.50	1.51683
415675.69	3742754.50	1.51508	415725.69	3742754.50	1.50517
415775.69	3742754.50	1.48202	415825.69	3742754.50	1.46088
415875.69	3742754.50	1.43009	415925.69	3742754.50	1.39441
415975.69	3742754.50	1.34424	416025.69	3742754.50	1.28478
416075.69	3742754.50	1.21243	416125.69	3742754.50	1.12542
416175.69	3742754.50	1.02309	416225.69	3742754.50	0.90943
416275.69	3742754.50	0.79212	416325.69	3742754.50	0.67990
416375.69	3742754.50	0.57719	416425.69	3742754.50	0.48968
416475.69	3742754.50	0.41705	416525.69	3742754.50	0.36030

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416000.22	3742138.38	930.74497	(12020208)	416003.27	3742119.68	890.72245	(12020208)
416012.87	3742098.54	907.41903	(16012508)	416018.13	3742085.81	935.71176	(12121708)
416025.49	3742064.30	966.02892	(12121708)	415992.96	3742007.08	646.41567	(12121708)
415971.97	3742007.08	567.73108	(16012508)	415951.36	3742008.23	518.69924	(16112308)
415938.65	3742006.82	493.74813	(16112308)	415914.21	3742007.70	453.89577	(12020208)
415948.69	3741983.74	492.47231	(16112308)	415932.78	3741983.74	466.97659	(16112308)
415897.67	3742009.19	436.06941	(12020208)	415909.29	3741983.99	432.64396	(16112308)
415897.91	3741986.07	417.58817	(16112308)	415840.05	3742332.45	469.57477	(12121008)
415817.19	3742333.63	430.97755	(12121008)	415797.71	3742334.14	403.12136	(12121008)
415776.37	3742334.65	376.43575	(12121008)	415755.37	3742334.14	353.42442	(12121008)
415737.59	3742335.33	335.45787	(12121008)	415717.44	3742335.16	317.12510	(12121008)
415697.62	3742334.65	300.56562	(12121008)	415673.57	3742336.17	282.15971	(12121008)
415631.07	3742337.87	253.63473	(12121008)	415612.10	3742338.04	242.12478	(12121008)
415595.33	3742338.58	232.66372	(12121008)	415574.47	3742336.93	221.08246	(12121008)
415556.42	3742337.40	211.95768	(12121008)	415535.80	3742336.70	201.83507	(12121008)
415516.34	3742336.23	192.84962	(12121008)	415493.84	3742337.87	183.60756	(12121008)
415638.93	3742382.64	252.82697	(12121008)	415694.02	3742380.53	283.94560	(12121008)
415730.12	3742380.30	317.25171	(12121508)	415416.95	3742332.72	159.21171	(16021108)
415400.78	3742341.39	153.70361	(16021108)	415387.65	3742342.56	150.59611	(16021108)
415860.32	3742334.81	516.38720	(12121508)	414825.69	3741754.50	70.78484	(12010108)
414875.69	3741754.50	73.64919	(12010108)	414925.69	3741754.50	76.47262	(12010108)
414975.69	3741754.50	79.16061	(12010108)	415025.69	3741754.50	81.67510	(12010108)
415075.69	3741754.50	84.53051	(13012808)	415125.69	3741754.50	88.42895	(13010408)
415175.69	3741754.50	97.84154	(12020208)	415225.69	3741754.50	108.05098	(12020208)
415275.69	3741754.50	118.37175	(12020208)	415325.69	3741754.50	128.41517	(12020208)
415375.69	3741754.50	137.74746	(12020208)	415425.69	3741754.50	145.90121	(12020208)
415475.69	3741754.50	152.27409	(12020208)	415525.69	3741754.50	156.23505	(12020208)
415575.69	3741754.50	161.34989	(15021408)	415625.69	3741754.50	177.87442	(16112308)
415675.69	3741754.50	195.98691	(16112308)	415725.69	3741754.50	208.08736	(16112308)
415775.69	3741754.50	212.24489	(16012508)	415825.69	3741754.50	244.62257	(16012508)
415875.69	3741754.50	274.82294	(12121708)	415925.69	3741754.50	306.47158	(12121708)
415975.69	3741754.50	325.11275	(13120908)	416025.69	3741754.50	368.01533	(14012008)
416075.69	3741754.50	393.07001	(14012208)	416125.69	3741754.50	367.41463	(14012108)
416175.69	3741754.50	364.45290	(13113008)	416225.69	3741754.50	363.62286	(16121308)
416275.69	3741754.50	345.71636	(13021408)	416325.69	3741754.50	320.68522	(13021408)
416375.69	3741754.50	287.22558	(13120108)	416425.69	3741754.50	259.43005	(13120108)
416475.69	3741754.50	232.85822	(12020808)	416525.69	3741754.50	221.92291	(12020808)
414825.69	3741804.50	71.62130	(12010108)	414875.69	3741804.50	75.28616	(12010108)
414925.69	3741804.50	79.06107	(12010108)	414975.69	3741804.50	82.86990	(12010108)
415025.69	3741804.50	86.62609	(12010108)	415075.69	3741804.50	90.36498	(12010108)

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
415125.69	3741804.50	93.87982	(12010108)	415175.69	3741804.50	97.28973	(12010108)
415225.69	3741804.50	101.45314	(13012808)	415275.69	3741804.50	113.19405	(12020208)

415325.69	3741804.50	125.79639 (12020208)	415375.69	3741804.50	138.57853 (12020208)
415425.69	3741804.50	151.03726 (12020208)	415475.69	3741804.50	162.59556 (12020208)
415525.69	3741804.50	172.48761 (12020208)	415575.69	3741804.50	179.88624 (12020208)
415625.69	3741804.50	183.98802 (12020208)	415675.69	3741804.50	202.10130 (16112308)
415725.69	3741804.50	225.37955 (16112308)	415775.69	3741804.50	241.95935 (16112308)
415825.69	3741804.50	256.99802 (16012508)	415875.69	3741804.50	295.98159 (16012508)
415925.69	3741804.50	344.28946 (12121708)	415975.69	3741804.50	377.45298 (13120908)
416025.69	3741804.50	430.18113 (14012008)	416075.69	3741804.50	473.58826 (14012208)
416125.69	3741804.50	446.30995 (14011608)	416175.69	3741804.50	451.47034 (13113008)
416225.69	3741804.50	423.77094 (16121308)	416275.69	3741804.50	406.01533 (13021408)
416325.69	3741804.50	349.88378 (13120108)	416375.69	3741804.50	314.55560 (13120108)
416425.69	3741804.50	277.33508 (12020808)	416475.69	3741804.50	258.97256 (12020808)
416525.69	3741804.50	232.21862 (12020808)	414825.69	3741854.50	70.30360 (13011608)
414875.69	3741854.50	74.53710 (12010108)	414925.69	3741854.50	79.08445 (12010108)
414975.69	3741854.50	83.84004 (12010108)	415025.69	3741854.50	88.71090 (12010108)
415075.69	3741854.50	93.76611 (12010108)	415125.69	3741854.50	98.85225 (12010108)
415175.69	3741854.50	104.05733 (12010108)	415225.69	3741854.50	109.14132 (12010108)
415275.69	3741854.50	114.07012 (12010108)	415325.69	3741854.50	118.65580 (12010108)
415375.69	3741854.50	132.87364 (12020208)	415425.69	3741854.50	148.89149 (12020208)
415475.69	3741854.50	165.15795 (12020208)	415525.69	3741854.50	180.88645 (12020208)
415575.69	3741854.50	195.42553 (12020208)	415625.69	3741854.50	207.79952 (12020208)
415675.69	3741854.50	216.98725 (12020208)	415725.69	3741854.50	232.22559 (16112308)
415775.69	3741854.50	262.76915 (16112308)	415825.69	3741854.50	286.59322 (16112308)
415875.69	3741854.50	317.86574 (16012508)	415925.69	3741854.50	373.91353 (12121708)
415975.69	3741854.50	442.26433 (12121708)	416025.69	3741854.50	504.36372 (14012008)
416075.69	3741854.50	588.92811 (14012208)	416125.69	3741854.50	565.54045 (14011608)
416175.69	3741854.50	570.20551 (13113008)	416225.69	3741854.50	528.23573 (13021408)
416275.69	3741854.50	454.35796 (13021408)	416325.69	3741854.50	394.50946 (13120108)
416375.69	3741854.50	339.56055 (12020808)	416425.69	3741854.50	307.37689 (12020808)
416475.69	3741854.50	267.86830 (12020808)	416525.69	3741854.50	227.91701 (15021308)
414825.69	3741904.50	71.13115 (16121408)	414875.69	3741904.50	74.16757 (16121408)
414925.69	3741904.50	77.48888 (13011608)	414975.69	3741904.50	82.23848 (13011608)
415025.69	3741904.50	87.58330 (12010108)	415075.69	3741904.50	93.62877 (12010108)
415125.69	3741904.50	100.06543 (12010108)	415175.69	3741904.50	106.84413 (12010108)
415225.69	3741904.50	113.79265 (12010108)	415275.69	3741904.50	120.97595 (12010108)
415325.69	3741904.50	128.25081 (12010108)	415375.69	3741904.50	135.55544 (12010108)
415425.69	3741904.50	142.67341 (12010108)	415475.69	3741904.50	159.01845 (12020208)
415525.69	3741904.50	179.79973 (12020208)	415575.69	3741904.50	200.96998 (12020208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
415625.69	3741904.50	221.59013 (12020208)	415675.69	3741904.50	240.63054 (12020208)
415725.69	3741904.50	257.17526 (12020208)	415775.69	3741904.50	270.55941 (16011608)
415825.69	3741904.50	311.43583 (16112308)	415875.69	3741904.50	347.22287 (16112308)
415925.69	3741904.50	404.98098 (16012508)	415975.69	3741904.50	504.39241 (12121708)
416025.69	3741904.50	606.07884 (13120908)	416075.69	3741904.50	767.21811 (14012208)
416125.69	3741904.50	765.70160 (14011608)	416175.69	3741904.50	749.32648 (16121308)
416225.69	3741904.50	650.85819 (13021408)	416275.69	3741904.50	522.82928 (13120108)
416325.69	3741904.50	431.87257 (12020808)	416375.69	3741904.50	372.11277 (12020808)
416425.69	3741904.50	311.85957 (12020808)	416475.69	3741904.50	263.54688 (15021308)

416525.69	3741904.50	234.11675 (12112008)	414825.69	3741954.50	72.44292 (16121408)
414875.69	3741954.50	76.11341 (16121408)	414925.69	3741954.50	79.96159 (16121408)
414975.69	3741954.50	84.04549 (16121408)	415025.69	3741954.50	88.36601 (16121408)
415075.69	3741954.50	92.89770 (16121408)	415125.69	3741954.50	97.96247 (13011608)
415175.69	3741954.50	105.00002 (12010108)	415225.69	3741954.50	113.48582 (12010108)
415275.69	3741954.50	126.89253 (13011608)	415325.69	3741954.50	132.12620 (12010108)
415375.69	3741954.50	142.24955 (12010108)	415425.69	3741954.50	152.81784 (12010108)
415475.69	3741954.50	163.69263 (12010108)	415525.69	3741954.50	174.77481 (12010108)
415575.69	3741954.50	194.94309 (12020208)	415625.69	3741954.50	222.83795 (12020208)
415675.69	3741954.50	251.28640 (12020208)	415725.69	3741954.50	279.23441 (12020208)
415775.69	3741954.50	305.99905 (12020208)	415825.69	3741954.50	331.85644 (12020208)
415875.69	3741954.50	376.67516 (16112308)	415925.69	3741954.50	433.55084 (16112308)
415975.69	3741954.50	542.83513 (12121708)	416025.69	3741954.50	745.68751 (12121708)
416125.69	3741954.50	1190.62306 (15020208)	416175.69	3741954.50	1081.72579 (13021408)
416225.69	3741954.50	774.46256 (13120108)	416275.69	3741954.50	581.06774 (12020808)
416325.69	3741954.50	460.00039 (12020808)	416375.69	3741954.50	365.54141 (12020808)
416425.69	3741954.50	304.55499 (12112008)	416475.69	3741954.50	263.80030 (12112008)
416525.69	3741954.50	230.69109 (16012108)	414825.69	3742004.50	73.60690 (13013108)
414875.69	3742004.50	77.04079 (13013108)	414925.69	3742004.50	80.73956 (13013108)
414975.69	3742004.50	84.68540 (13013108)	415025.69	3742004.50	89.51640 (16121408)
415075.69	3742004.50	94.96991 (16121408)	415125.69	3742004.50	100.84817 (16121408)
415175.69	3742004.50	107.16240 (16121408)	415225.69	3742004.50	113.96169 (16121408)
415275.69	3742004.50	121.22156 (16121408)	415325.69	3742004.50	129.58099 (13011608)
415375.69	3742004.50	141.53421 (12010108)	415425.69	3742004.50	154.89775 (12010108)
415475.69	3742004.50	169.37235 (12010108)	415525.69	3742004.50	184.90755 (12010108)
415575.69	3742004.50	201.47343 (12010108)	415625.69	3742004.50	218.96887 (12010108)
415675.69	3742004.50	246.82593 (12020208)	415725.69	3742004.50	285.57891 (12020208)
415775.69	3742004.50	325.38997 (12020208)	415825.69	3742004.50	365.87311 (12020208)
415875.69	3742004.50	409.52964 (12020208)	416025.69	3742004.50	836.82363 (12121708)
416175.69	3742004.50	2167.07083 (13120108)	416225.69	3742004.50	847.94011 (12020808)
416275.69	3742004.50	576.85810 (12020808)	416325.69	3742004.50	429.33699 (12020808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
416375.69	3742004.50	349.71594 (12112008)	416425.69	3742004.50	303.92054 (13020408)
416475.69	3742004.50	270.38495 (13020408)	416525.69	3742004.50	242.14848 (13020408)
414825.69	3742054.50	74.28614 (13013108)	414875.69	3742054.50	78.17630 (13013108)
414925.69	3742054.50	82.37857 (13013108)	414975.69	3742054.50	86.91068 (13013108)
415025.69	3742054.50	91.80673 (13013108)	415075.69	3742054.50	97.13070 (13013108)
415125.69	3742054.50	102.94614 (13013108)	415175.69	3742054.50	109.29045 (13013108)
415225.69	3742054.50	116.14170 (13013108)	415275.69	3742054.50	123.65623 (13013108)
415325.69	3742054.50	132.65406 (16121408)	415375.69	3742054.50	143.12750 (16121408)
415425.69	3742054.50	154.59616 (16121408)	415475.69	3742054.50	167.23850 (16121408)
415525.69	3742054.50	183.89451 (12010108)	415575.69	3742054.50	204.99933 (12010108)
415625.69	3742054.50	228.41798 (12010108)	415675.69	3742054.50	254.16427 (12010108)
415725.69	3742054.50	282.34817 (12010108)	415775.69	3742054.50	327.57448 (12020208)
415825.69	3742054.50	384.55828 (12020208)	415875.69	3742054.50	445.22890 (12020208)
415925.69	3742054.50	516.70195 (12020208)	415975.69	3742054.50	627.50083 (16112308)
416175.69	3742054.50	1459.56606 (12020808)	416225.69	3742054.50	738.88001 (12020808)

416275.69	3742054.50	529.60140 (12021708)	416325.69	3742054.50	426.69760 (12021708)
416375.69	3742054.50	361.91133 (12021708)	416425.69	3742054.50	316.99674 (12021708)
416475.69	3742054.50	283.29715 (12021708)	416525.69	3742054.50	256.29072 (12021708)
414825.69	3742104.50	73.88367 (14120508)	414875.69	3742104.50	77.49542 (14120508)
414925.69	3742104.50	81.39923 (14120508)	414975.69	3742104.50	85.66400 (13013108)
415025.69	3742104.50	90.93201 (13013108)	415075.69	3742104.50	96.71071 (13013108)
415125.69	3742104.50	103.08062 (13013108)	415175.69	3742104.50	110.13573 (13013108)
415225.69	3742104.50	117.90340 (13013108)	415275.69	3742104.50	126.58037 (13013108)
415325.69	3742104.50	136.18936 (13013108)	415375.69	3742104.50	147.04075 (13013108)
415425.69	3742104.50	159.05302 (13013108)	415475.69	3742104.50	172.66623 (13013108)
415525.69	3742104.50	188.03113 (13013108)	415575.69	3742104.50	205.40228 (13013108)
415625.69	3742104.50	226.47355 (16121408)	415675.69	3742104.50	254.23225 (12010108)
415725.69	3742104.50	290.92723 (12010108)	415775.69	3742104.50	332.85275 (12010108)
415825.69	3742104.50	383.97144 (12020208)	415875.69	3742104.50	470.48940 (12020208)
415925.69	3742104.50	569.96473 (12020208)	415975.69	3742104.50	709.77046 (12020208)
416175.69	3742104.50	1096.72904 (12020808)	416225.69	3742104.50	665.37651 (12021708)
416275.69	3742104.50	511.65226 (12021708)	416325.69	3742104.50	425.03814 (12021708)
416375.69	3742104.50	367.64671 (12021708)	416425.69	3742104.50	324.97560 (12021708)
416475.69	3742104.50	290.36954 (12021708)	416525.69	3742104.50	260.88908 (12021708)
414825.69	3742154.50	76.06185 (14112908)	414875.69	3742154.50	79.91038 (14112908)
414925.69	3742154.50	84.10980 (14112908)	414975.69	3742154.50	88.68495 (14112908)
415025.69	3742154.50	93.70169 (14112908)	415075.69	3742154.50	99.22300 (14112908)
415125.69	3742154.50	105.28643 (14112908)	415175.69	3742154.50	112.01080 (14112908)
415225.69	3742154.50	119.48125 (14112908)	415275.69	3742154.50	127.85721 (14112908)
415325.69	3742154.50	137.18427 (14112908)	415375.69	3742154.50	147.72037 (14112908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
415425.69	3742154.50	159.62229 (14112908)	415475.69	3742154.50	173.21365 (14112908)
415525.69	3742154.50	189.96111 (13013108)	415575.69	3742154.50	210.22551 (13013108)
415625.69	3742154.50	233.93519 (13013108)	415675.69	3742154.50	261.80012 (13013108)
415725.69	3742154.50	294.75333 (13013108)	415775.69	3742154.50	334.16224 (13013108)
415825.69	3742154.50	395.40845 (12010108)	415875.69	3742154.50	474.57579 (12010108)
415925.69	3742154.50	616.31323 (12020208)	416175.69	3742154.50	908.29853 (12021708)
416225.69	3742154.50	615.28067 (12021708)	416275.69	3742154.50	489.86010 (12021708)
416325.69	3742154.50	417.24842 (12021708)	416375.69	3742154.50	364.51558 (12021708)
416425.69	3742154.50	320.88869 (12021708)	416475.69	3742154.50	283.14367 (12021708)
416525.69	3742154.50	250.43603 (12021708)	414825.69	3742204.50	77.53408 (16021308)
414875.69	3742204.50	81.49555 (16021308)	414925.69	3742204.50	85.81663 (16021308)
414975.69	3742204.50	90.53885 (16021308)	415025.69	3742204.50	95.73365 (16021308)
415075.69	3742204.50	101.44373 (16021308)	415125.69	3742204.50	107.76861 (16021308)
415175.69	3742204.50	114.78079 (16021308)	415225.69	3742204.50	122.61051 (16021308)
415275.69	3742204.50	131.41500 (16021308)	415325.69	3742204.50	141.31905 (16021308)
415375.69	3742204.50	152.45621 (16021308)	415425.69	3742204.50	165.21845 (16021308)
415475.69	3742204.50	179.90466 (16021308)	415525.69	3742204.50	196.90468 (16021308)
415575.69	3742204.50	216.78356 (16021308)	415625.69	3742204.50	240.23407 (16021308)
415675.69	3742204.50	268.30598 (16021308)	415725.69	3742204.50	302.31625 (16021308)
415775.69	3742204.50	344.40080 (16021308)	415825.69	3742204.50	404.48915 (13013108)
415925.69	3742204.50	635.89023 (12010108)	415975.69	3742204.50	934.71708 (12020208)
416025.69	3742204.50	2000.86349 (12020208)	416175.69	3742204.50	799.75703 (12021708)

416225.69	3742204.50	594.85027	(12021708)	416275.69	3742204.50	498.71999	(12021708)
416325.69	3742204.50	424.22131	(12021708)	416375.69	3742204.50	359.25902	(12021708)
416425.69	3742204.50	304.83129	(12021708)	416475.69	3742204.50	260.36907	(12021708)
416525.69	3742204.50	233.24396	(15012808)	414825.69	3742254.50	76.60688	(16021308)
414875.69	3742254.50	80.45017	(16021308)	414925.69	3742254.50	84.62819	(16021308)
414975.69	3742254.50	89.22831	(16021308)	415025.69	3742254.50	94.20523	(16021308)
415075.69	3742254.50	99.70130	(16021308)	415125.69	3742254.50	105.77899	(16021308)
415175.69	3742254.50	112.52978	(16021308)	415225.69	3742254.50	120.07704	(16021308)
415275.69	3742254.50	128.53869	(16021308)	415325.69	3742254.50	137.99399	(16021308)
415375.69	3742254.50	149.02173	(16021108)	415425.69	3742254.50	162.46315	(16021108)
415475.69	3742254.50	177.94601	(16021108)	415525.69	3742254.50	195.87247	(16021108)
415575.69	3742254.50	216.83752	(16021108)	415625.69	3742254.50	241.70379	(16021108)
415675.69	3742254.50	271.69685	(16021108)	415725.69	3742254.50	308.72680	(16021108)
415775.69	3742254.50	355.89402	(16021108)	415825.69	3742254.50	418.71990	(16021108)
415925.69	3742254.50	665.97054	(16021308)	416125.69	3742254.50	1379.98648	(12021708)
416175.69	3742254.50	903.13453	(12021708)	416225.69	3742254.50	731.45419	(12021708)
416275.69	3742254.50	554.32788	(12021708)	416325.69	3742254.50	417.63474	(12021708)
416375.69	3742254.50	337.22808	(15012808)	416425.69	3742254.50	288.15673	(15012808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416475.69	3742254.50	251.07255	(15012808)	416525.69	3742254.50	222.13264	(15012808)
414825.69	3742304.50	74.90650	(16021108)	414875.69	3742304.50	79.12044	(16021108)
414925.69	3742304.50	83.72298	(16021108)	414975.69	3742304.50	88.76457	(16021108)
415025.69	3742304.50	94.24444	(16021108)	415075.69	3742304.50	100.28376	(16021108)
415125.69	3742304.50	106.88632	(16021108)	415175.69	3742304.50	114.18686	(16021108)
415225.69	3742304.50	122.25879	(16021108)	415275.69	3742304.50	131.21496	(16021108)
415325.69	3742304.50	141.20363	(16021108)	415375.69	3742304.50	152.44459	(16021108)
415425.69	3742304.50	165.14512	(16021108)	415475.69	3742304.50	179.61165	(16021108)
415525.69	3742304.50	196.29314	(16021108)	415575.69	3742304.50	215.76349	(16021108)
415625.69	3742304.50	241.24691	(12121008)	415675.69	3742304.50	276.91277	(12121008)
415725.69	3742304.50	320.46036	(12121008)	415775.69	3742304.50	375.51029	(12121008)
415825.69	3742304.50	449.22310	(12121008)	415925.69	3742304.50	746.44017	(12121008)
416225.69	3742304.50	932.19957	(15012808)	416275.69	3742304.50	530.92475	(15012808)
416325.69	3742304.50	383.92281	(15012808)	416375.69	3742304.50	306.07796	(13121508)
416425.69	3742304.50	258.02883	(13121508)	416475.69	3742304.50	224.28762	(13121508)
416525.69	3742304.50	198.97264	(13121508)	415375.69	3742354.50	146.04447	(12121008)
414825.69	3742404.50	76.09967	(16021108)	414875.69	3742404.50	79.60615	(16021108)
414925.69	3742404.50	83.31598	(16021108)	414975.69	3742404.50	87.28546	(16021108)
415025.69	3742404.50	91.48567	(16021108)	415075.69	3742404.50	95.96963	(16021108)
415125.69	3742404.50	100.72701	(16021108)	415175.69	3742404.50	108.41720	(12121008)
415225.69	3742404.50	118.20825	(12121008)	415275.69	3742404.50	128.95791	(12121008)
415325.69	3742404.50	140.74635	(12121008)	415375.69	3742404.50	153.69170	(12121008)
415425.69	3742404.50	167.80751	(12121008)	415475.69	3742404.50	183.17051	(12121008)
415525.69	3742404.50	199.84011	(12121008)	415575.69	3742404.50	217.91634	(12121008)
415625.69	3742404.50	237.36893	(12121008)	415675.69	3742404.50	271.19825	(12121508)
415725.69	3742404.50	314.47892	(12121508)	415775.69	3742404.50	362.78741	(12120108)
415825.69	3742404.50	424.56360	(12120108)	415875.69	3742404.50	487.15090	(12120108)
415925.69	3742404.50	605.12693	(15011808)	415975.69	3742404.50	768.77119	(12011508)
416025.69	3742404.50	870.22239	(12120608)	416075.69	3742404.50	905.89700	(12112608)

416125.69	3742404.50	936.81707	(12111808)	416175.69	3742404.50	848.82021	(14120808)
416225.69	3742404.50	609.47969	(12120208)	416275.69	3742404.50	412.13772	(14013108)
416325.69	3742404.50	352.68161	(16120208)	416375.69	3742404.50	295.59522	(16120208)
416425.69	3742404.50	248.74553	(16120208)	416475.69	3742404.50	211.52850	(15010508)
416525.69	3742404.50	191.86878	(15010508)	414825.69	3742454.50	72.37070	(16021108)
414875.69	3742454.50	75.13728	(16021108)	414925.69	3742454.50	79.54602	(16021608)
414975.69	3742454.50	84.53182	(12121008)	415025.69	3742454.50	91.07573	(12121008)
415075.69	3742454.50	98.14589	(12121008)	415125.69	3742454.50	105.73633	(12121008)
415175.69	3742454.50	113.86285	(12121008)	415225.69	3742454.50	122.55221	(12121008)
415275.69	3742454.50	131.78755	(12121008)	415325.69	3742454.50	141.50560	(12121008)
415375.69	3742454.50	151.69831	(12121008)	415425.69	3742454.50	162.23902	(12121008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***
INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
415475.69	3742454.50	172.92202	(12121008)	415525.69	3742454.50	186.48823	(12121508)
415575.69	3742454.50	211.86610	(12121508)	415625.69	3742454.50	238.81460	(12121508)
415675.69	3742454.50	266.39206	(12121508)	415725.69	3742454.50	299.67557	(12120108)
415775.69	3742454.50	330.74068	(12120108)	415825.69	3742454.50	363.08393	(15012908)
415875.69	3742454.50	432.46503	(15011808)	415925.69	3742454.50	507.60281	(12011508)
415975.69	3742454.50	600.92517	(12120608)	416025.69	3742454.50	611.53327	(12020708)
416075.69	3742454.50	667.16168	(12112608)	416125.69	3742454.50	702.64907	(12111808)
416175.69	3742454.50	642.35647	(14120808)	416225.69	3742454.50	525.52880	(14120808)
416275.69	3742454.50	405.36705	(12120208)	416325.69	3742454.50	290.60526	(14013108)
416375.69	3742454.50	264.89186	(16120208)	416425.69	3742454.50	240.19505	(16120208)
416475.69	3742454.50	213.63420	(16120208)	416525.69	3742454.50	188.10089	(16120208)
414825.69	3742504.50	72.94142	(12121008)	414875.69	3742504.50	77.89767	(12121008)
414925.69	3742504.50	83.17014	(12121008)	414975.69	3742504.50	88.72238	(12121008)
415025.69	3742504.50	94.60578	(12121008)	415075.69	3742504.50	100.76076	(12121008)
415125.69	3742504.50	107.16589	(12121008)	415175.69	3742504.50	113.80354	(12121008)
415225.69	3742504.50	120.58763	(12121008)	415275.69	3742504.50	127.40189	(12121008)
415325.69	3742504.50	134.15030	(12121008)	415375.69	3742504.50	140.57219	(12121008)
415425.69	3742504.50	153.75501	(12121508)	415475.69	3742504.50	171.68849	(12121508)
415525.69	3742504.50	190.07429	(12121508)	415575.69	3742504.50	208.14763	(12121508)
415625.69	3742504.50	228.93502	(12120108)	415675.69	3742504.50	249.03559	(12120108)
415725.69	3742504.50	263.51467	(12120108)	415775.69	3742504.50	292.72928	(15012908)
415825.69	3742504.50	335.13459	(15011808)	415875.69	3742504.50	370.88716	(12011508)
415925.69	3742504.50	426.59168	(12011508)	415975.69	3742504.50	485.07420	(12120608)
416025.69	3742504.50	460.58029	(12020708)	416075.69	3742504.50	523.14396	(12112608)
416125.69	3742504.50	554.84405	(12111808)	416175.69	3742504.50	502.12125	(14120808)
416225.69	3742504.50	462.42954	(14120808)	416275.69	3742504.50	369.59967	(13011308)
416325.69	3742504.50	300.20785	(12120208)	416375.69	3742504.50	223.72704	(12120208)
416425.69	3742504.50	211.16183	(14013108)	416475.69	3742504.50	196.56189	(16120208)
416525.69	3742504.50	182.36570	(16120208)	414825.69	3742554.50	75.86472	(12121008)
414875.69	3742554.50	80.26848	(12121008)	414925.69	3742554.50	84.80027	(12121008)
414975.69	3742554.50	89.48170	(12121008)	415025.69	3742554.50	94.23879	(12121008)
415075.69	3742554.50	99.02477	(12121008)	415125.69	3742554.50	103.76848	(12121008)
415175.69	3742554.50	108.36641	(12121008)	415225.69	3742554.50	112.69711	(12121008)
415275.69	3742554.50	118.02644	(13020208)	415325.69	3742554.50	129.64056	(12121508)
415375.69	3742554.50	142.93078	(12121508)	415425.69	3742554.50	156.31379	(12121508)
415475.69	3742554.50	169.16901	(12121508)	415525.69	3742554.50	182.99669	(12120108)

415575.69	3742554.50	197.61988	(12120108)	415625.69	3742554.50	208.79478	(12120108)
415675.69	3742554.50	214.33633	(12120108)	415725.69	3742554.50	243.29391	(15012908)
415775.69	3742554.50	271.75943	(15011808)	415825.69	3742554.50	288.73058	(15011808)
415875.69	3742554.50	333.36300	(12011508)	415925.69	3742554.50	372.43047	(12120608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
415975.69	3742554.50	391.90097	(12120608)	416025.69	3742554.50	383.30407	(12112608)
416075.69	3742554.50	426.02855	(12112608)	416125.69	3742554.50	451.30021	(12111808)
416175.69	3742554.50	423.69857	(12111808)	416225.69	3742554.50	399.13506	(14120808)
416275.69	3742554.50	337.14239	(13011308)	416325.69	3742554.50	286.90148	(12120208)
416375.69	3742554.50	234.63087	(12120208)	416425.69	3742554.50	179.67748	(12021108)
416475.69	3742554.50	173.59228	(14013108)	416525.69	3742554.50	164.43975	(14013108)
414825.69	3742604.50	76.25030	(12121008)	414875.69	3742604.50	79.80762	(12121008)
414925.69	3742604.50	83.33578	(12121008)	414975.69	3742604.50	86.80665	(12121008)
415025.69	3742604.50	90.12995	(12121008)	415075.69	3742604.50	93.24660	(12121008)
415125.69	3742604.50	96.95298	(13020208)	415175.69	3742604.50	101.27486	(12121508)
415225.69	3742604.50	111.28666	(12121508)	415275.69	3742604.50	121.52557	(12121508)
415325.69	3742604.50	131.68278	(12121508)	415375.69	3742604.50	141.34641	(12121508)
415425.69	3742604.50	150.79481	(12120108)	415475.69	3742604.50	162.11236	(12120108)
415525.69	3742604.50	171.23666	(12120108)	415575.69	3742604.50	176.84455	(12120108)
415625.69	3742604.50	182.30728	(15012908)	415675.69	3742604.50	206.89041	(15012908)
415725.69	3742604.50	227.15426	(15011808)	415775.69	3742604.50	239.80182	(15011808)
415825.69	3742604.50	268.17379	(12011508)	415875.69	3742604.50	288.18120	(12011508)
415925.69	3742604.50	325.34422	(12120608)	415975.69	3742604.50	322.91302	(12020708)
416025.69	3742604.50	327.99451	(12112608)	416075.69	3742604.50	356.43618	(12112608)
416125.69	3742604.50	375.21381	(12111808)	416175.69	3742604.50	367.31446	(12111808)
416225.69	3742604.50	340.99435	(14120808)	416275.69	3742604.50	310.49601	(14120808)
416325.69	3742604.50	263.62200	(13011308)	416375.69	3742604.50	230.86294	(12120208)
416425.69	3742604.50	189.56442	(12120208)	416475.69	3742604.50	149.63722	(12021108)
416525.69	3742604.50	145.57253	(14013108)	414825.69	3742654.50	74.09823	(12121008)
414875.69	3742654.50	76.63003	(12121008)	414925.69	3742654.50	78.96324	(12121008)
414975.69	3742654.50	81.57759	(13020208)	415025.69	3742654.50	84.82720	(13020208)
415075.69	3742654.50	88.92878	(12121508)	415125.69	3742654.50	96.94230	(12121508)
415175.69	3742654.50	105.04716	(12121508)	415225.69	3742654.50	113.02738	(12121508)
415275.69	3742654.50	120.57065	(12121508)	415325.69	3742654.50	127.28557	(12121508)
415375.69	3742654.50	136.17676	(12120108)	415425.69	3742654.50	143.81105	(12120108)
415475.69	3742654.50	149.13592	(12120108)	415525.69	3742654.50	151.19974	(12120108)
415575.69	3742654.50	160.28555	(15012908)	415625.69	3742654.50	179.01211	(15012908)
415675.69	3742654.50	194.09525	(15011808)	415725.69	3742654.50	204.03890	(15011808)
415775.69	3742654.50	220.60394	(12011508)	415825.69	3742654.50	241.95062	(12011508)
415875.69	3742654.50	264.03803	(12120608)	415925.69	3742654.50	280.45144	(12120608)
415975.69	3742654.50	269.62887	(12020708)	416025.69	3742654.50	285.29138	(12112608)
416075.69	3742654.50	304.39886	(12112608)	416125.69	3742654.50	317.47320	(12111808)
416175.69	3742654.50	321.10764	(12111808)	416225.69	3742654.50	289.88201	(14120808)
416275.69	3742654.50	281.63666	(14120808)	416325.69	3742654.50	244.33419	(13011308)
416375.69	3742654.50	216.36521	(12120208)	416425.69	3742654.50	190.31728	(12120208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFROAD ***

INCLUDING SOURCE(S): OFFROAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416475.69	3742654.50	156.73441	(12120208)	416525.69	3742654.50	126.93888	(12021108)
414825.69	3742704.50	69.91178	(13020208)	414875.69	3742704.50	72.54688	(13020208)
414925.69	3742704.50	74.95379	(13020208)	414975.69	3742704.50	78.92812	(12121508)
415025.69	3742704.50	85.46155	(12121508)	415075.69	3742704.50	92.03731	(12121508)
415125.69	3742704.50	98.46869	(12121508)	415175.69	3742704.50	104.50474	(12121508)
415225.69	3742704.50	109.95784	(12121508)	415275.69	3742704.50	116.47476	(12120108)
415325.69	3742704.50	122.95679	(12120108)	415375.69	3742704.50	127.88601	(12120108)
415425.69	3742704.50	130.60357	(12120108)	415475.69	3742704.50	130.43481	(12120108)
415525.69	3742704.50	142.37912	(15012908)	415575.69	3742704.50	157.09015	(15012908)
415625.69	3742704.50	168.63026	(15011808)	415675.69	3742704.50	176.77131	(15011808)
415725.69	3742704.50	184.72500	(12011508)	415775.69	3742704.50	205.29106	(12011508)
415825.69	3742704.50	215.41330	(14112308)	415875.69	3742704.50	239.46243	(12120608)
415925.69	3742704.50	240.32114	(12020708)	415975.69	3742704.50	226.24398	(12020708)
416025.69	3742704.50	251.31430	(12112608)	416075.69	3742704.50	264.16219	(12112608)
416125.69	3742704.50	272.57823	(12111808)	416175.69	3742704.50	282.78494	(12111808)
416225.69	3742704.50	250.20453	(12111808)	416275.69	3742704.50	251.78093	(14120808)
416325.69	3742704.50	229.03882	(14120808)	416375.69	3742704.50	201.76510	(13011308)
416425.69	3742704.50	183.03762	(12120208)	416475.69	3742704.50	159.73128	(12120208)
416525.69	3742704.50	131.84934	(12120208)	414825.69	3742754.50	66.80589	(13020208)
414875.69	3742754.50	70.70030	(12121508)	414925.69	3742754.50	76.13224	(12121508)
414975.69	3742754.50	81.55601	(12121508)	415025.69	3742754.50	86.84500	(12121508)
415075.69	3742754.50	91.82878	(12121508)	415125.69	3742754.50	96.31033	(12121508)
415175.69	3742754.50	101.05884	(12120108)	415225.69	3742754.50	106.65080	(12120108)
415275.69	3742754.50	111.13559	(12120108)	415325.69	3742754.50	114.06604	(12120108)
415375.69	3742754.50	115.01149	(12120108)	415425.69	3742754.50	113.66962	(15012908)
415475.69	3742754.50	127.62713	(15012908)	415525.69	3742754.50	139.39968	(15012908)
415575.69	3742754.50	148.52091	(15011808)	415625.69	3742754.50	155.30179	(15011808)
415675.69	3742754.50	156.91603	(12011508)	415725.69	3742754.50	175.95502	(12011508)
415775.69	3742754.50	186.18209	(12011508)	415825.69	3742754.50	201.01873	(12120608)
415875.69	3742754.50	214.20721	(12120608)	415925.69	3742754.50	210.43710	(12020708)
415975.69	3742754.50	190.90439	(12020708)	416025.69	3742754.50	223.71177	(12112608)
416075.69	3742754.50	232.30679	(12112608)	416125.69	3742754.50	236.89451	(12111808)
416175.69	3742754.50	250.72027	(12111808)	416225.69	3742754.50	229.90827	(12111808)
416275.69	3742754.50	223.22166	(14120808)	416325.69	3742754.50	213.33289	(14120808)
416375.69	3742754.50	188.89407	(13011308)	416425.69	3742754.50	170.21648	(12120208)
416475.69	3742754.50	156.65333	(12120208)	416525.69	3742754.50	135.96279	(12120208)

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416000.22	3742138.38	50.60175	(12020808)	416003.27	3742119.68	46.07210	(12020808)
416012.87	3742098.54	41.33317	(12020808)	416018.13	3742085.81	38.89657	(12020808)
416025.49	3742064.30	35.38960	(12020808)	415992.96	3742007.08	30.46523	(12020808)
415971.97	3742007.08	31.27748	(12020808)	415951.36	3742008.23	32.15809	(12020808)
415938.65	3742006.82	32.45245	(12020808)	415914.21	3742007.70	33.36163	(12020808)
415948.69	3741983.74	29.78493	(12020808)	415932.78	3741983.74	30.27819	(12020808)
415897.67	3742009.19	34.04811	(12020808)	415909.29	3741983.99	30.99054	(12020808)
415897.91	3741986.07	31.51731	(12020808)	415840.05	3742332.45	441.08872	(12020808)
415817.19	3742333.63	453.46016	(12020808)	415797.71	3742334.14	456.62853	(12020808)
415776.37	3742334.65	459.25322	(12020808)	415755.37	3742334.14	446.69653	(12020808)
415737.59	3742335.33	459.85246	(12020808)	415717.44	3742335.16	452.21648	(12020808)
415697.62	3742334.65	440.15517	(12020808)	415673.57	3742336.17	455.74533	(12020808)
415631.07	3742337.87	469.87855	(12020808)	415612.10	3742338.04	467.04423	(12020808)
415595.33	3742338.58	470.56197	(12020808)	415574.47	3742336.93	440.61588	(12020808)
415556.42	3742337.40	442.33093	(12020808)	415535.80	3742336.70	427.73843	(12020808)
415516.34	3742336.23	417.11954	(12020808)	415493.84	3742337.87	432.15237	(12020808)
415638.93	3742382.64	504.39503	(12020808)	415694.02	3742380.53	523.49087	(12020808)
415730.12	3742380.30	513.46045	(12020808)	415416.95	3742332.72	359.34836	(12020808)
415400.78	3742341.39	454.43667	(12020808)	415387.65	3742342.56	468.00634	(12020808)
415860.32	3742334.81	482.58036	(12020808)	414825.69	3741754.50	14.22097	(12020408)
414875.69	3741754.50	14.77071	(16122708)	414925.69	3741754.50	15.97989	(16122708)
414975.69	3741754.50	17.00047	(16122708)	415025.69	3741754.50	17.81719	(16122708)
415075.69	3741754.50	18.38685	(16122708)	415125.69	3741754.50	18.79079	(16122708)
415175.69	3741754.50	19.05687	(16122708)	415225.69	3741754.50	19.30351	(16122708)
415275.69	3741754.50	19.50415	(16122708)	415325.69	3741754.50	19.55956	(16122708)
415375.69	3741754.50	19.49872	(16122708)	415425.69	3741754.50	19.37544	(16122708)
415475.69	3741754.50	19.16614	(16122708)	415525.69	3741754.50	18.87778	(12020808)
415575.69	3741754.50	18.91749	(12020808)	415625.69	3741754.50	18.86397	(12020808)
415675.69	3741754.50	18.72828	(12020808)	415725.69	3741754.50	18.50463	(12020808)
415775.69	3741754.50	18.19548	(12020808)	415825.69	3741754.50	17.80316	(12020808)
415875.69	3741754.50	17.45854	(16121908)	415925.69	3741754.50	17.03625	(16121908)
415975.69	3741754.50	16.45917	(16121908)	416025.69	3741754.50	15.67781	(16121908)
416075.69	3741754.50	14.81712	(12020808)	416125.69	3741754.50	14.08700	(12020808)
416175.69	3741754.50	14.20617	(16020108)	416225.69	3741754.50	14.43062	(16020108)
416275.69	3741754.50	14.58307	(16020108)	416325.69	3741754.50	14.64086	(16020108)
416375.69	3741754.50	14.58225	(16020108)	416425.69	3741754.50	14.39348	(16020108)
416475.69	3741754.50	14.07224	(16020108)	416525.69	3741754.50	13.62596	(16020108)
414825.69	3741804.50	15.90038	(12020408)	414875.69	3741804.50	15.80018	(12020408)
414925.69	3741804.50	16.88878	(16122708)	414975.69	3741804.50	18.12578	(16122708)
415025.69	3741804.50	19.09379	(16122708)	415075.69	3741804.50	19.83189	(16122708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

415125.69	3741804.50	20.20315 (16122708)	415175.69	3741804.50	20.67954 (16122708)
415225.69	3741804.50	20.95409 (16122708)	415275.69	3741804.50	21.16635 (16122708)
415325.69	3741804.50	21.23689 (16122708)	415375.69	3741804.50	21.30705 (16122708)
415425.69	3741804.50	21.26941 (16122708)	415475.69	3741804.50	21.12957 (16122708)
415525.69	3741804.50	21.26962 (12020808)	415575.69	3741804.50	21.31515 (12020808)
415625.69	3741804.50	21.26030 (12020808)	415675.69	3741804.50	21.10089 (12020808)
415725.69	3741804.50	20.83641 (12020808)	415775.69	3741804.50	20.46830 (12020808)
415825.69	3741804.50	20.00097 (12020808)	415875.69	3741804.50	19.43653 (12020808)
415925.69	3741804.50	18.78062 (12020808)	415975.69	3741804.50	18.04558 (12020808)
416025.69	3741804.50	17.24334 (12020808)	416075.69	3741804.50	16.39075 (12020808)
416125.69	3741804.50	15.72015 (16020108)	416175.69	3741804.50	15.93841 (16020108)
416225.69	3741804.50	16.08848 (16020108)	416275.69	3741804.50	16.14421 (16020108)
416325.69	3741804.50	16.07400 (16020108)	416375.69	3741804.50	15.85363 (16020108)
416425.69	3741804.50	15.47452 (16020108)	416475.69	3741804.50	14.94450 (16020108)
416525.69	3741804.50	14.28324 (16020108)	414825.69	3741854.50	17.63274 (12020408)
414875.69	3741854.50	17.65101 (12020408)	414925.69	3741854.50	17.85318 (16122708)
414975.69	3741854.50	19.32564 (16122708)	415025.69	3741854.50	20.48247 (16122708)
415075.69	3741854.50	21.38754 (16122708)	415125.69	3741854.50	21.86593 (16122708)
415175.69	3741854.50	22.47704 (16122708)	415225.69	3741854.50	22.81403 (16122708)
415275.69	3741854.50	23.02939 (16122708)	415325.69	3741854.50	23.23308 (16122708)
415375.69	3741854.50	23.37140 (16122708)	415425.69	3741854.50	23.67076 (12020808)
415475.69	3741854.50	23.97800 (12020808)	415525.69	3741854.50	24.15966 (12020808)
415575.69	3741854.50	24.22165 (12020808)	415625.69	3741854.50	24.16087 (12020808)
415675.69	3741854.50	23.97452 (12020808)	415725.69	3741854.50	23.66245 (12020808)
415775.69	3741854.50	23.22594 (12020808)	415825.69	3741854.50	22.66464 (12020808)
415875.69	3741854.50	21.98269 (12020808)	415925.69	3741854.50	21.18568 (12020808)
415975.69	3741854.50	20.28711 (12020808)	416025.69	3741854.50	19.30410 (12020808)
416075.69	3741854.50	18.25769 (12020808)	416125.69	3741854.50	17.73846 (16020108)
416175.69	3741854.50	17.87302 (16020108)	416225.69	3741854.50	17.91978 (16020108)
416275.69	3741854.50	17.83812 (16020108)	416325.69	3741854.50	17.58570 (16020108)
416375.69	3741854.50	17.14258 (16020108)	416425.69	3741854.50	16.51093 (16020108)
416475.69	3741854.50	15.71607 (16020108)	416525.69	3741854.50	14.80041 (16020108)
414825.69	3741904.50	19.51576 (12020408)	414875.69	3741904.50	19.77249 (12020408)
414925.69	3741904.50	19.87605 (12020408)	414975.69	3741904.50	20.81530 (16122708)
415025.69	3741904.50	22.20769 (16122708)	415075.69	3741904.50	23.11160 (16122708)
415125.69	3741904.50	23.88477 (16122708)	415175.69	3741904.50	24.57078 (16122708)
415225.69	3741904.50	24.98072 (16122708)	415275.69	3741904.50	30.39623 (16122708)
415325.69	3741904.50	25.94556 (12020808)	415375.69	3741904.50	26.60123 (12020808)
415425.69	3741904.50	27.11781 (12020808)	415475.69	3741904.50	27.48566 (12020808)
415525.69	3741904.50	27.70764 (12020808)	415575.69	3741904.50	27.78898 (12020808)

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
415625.69	3741904.50	27.72258 (12020808)	415675.69	3741904.50	27.50700 (12020808)
415725.69	3741904.50	27.14115 (12020808)	415775.69	3741904.50	26.62074 (12020808)
415825.69	3741904.50	25.94509 (12020808)	415875.69	3741904.50	25.11583 (12020808)

415925.69	3741904.50	24.13994	(12020808)	415975.69	3741904.50	23.03030	(12020808)
416025.69	3741904.50	21.81044	(12020808)	416075.69	3741904.50	20.50688	(12020808)
416125.69	3741904.50	20.02953	(16020108)	416175.69	3741904.50	20.05229	(16020108)
416225.69	3741904.50	19.95523	(16020108)	416275.69	3741904.50	19.67340	(16020108)
416325.69	3741904.50	19.15952	(16020108)	416375.69	3741904.50	18.40592	(16020108)
416425.69	3741904.50	17.44261	(16020108)	416475.69	3741904.50	16.32733	(16020108)
416525.69	3741904.50	15.11774	(16020108)	414825.69	3741954.50	21.57088	(12020408)
414875.69	3741954.50	22.06763	(12020408)	414925.69	3741954.50	22.30089	(12020408)
414975.69	3741954.50	22.50336	(12020408)	415025.69	3741954.50	24.12380	(16122708)
415075.69	3741954.50	25.44543	(16122708)	415125.69	3741954.50	26.45548	(16122708)
415175.69	3741954.50	27.09384	(16122708)	415225.69	3741954.50	27.87745	(12020808)
415275.69	3741954.50	44.00085	(15021808)	415325.69	3741954.50	29.99883	(12020808)
415375.69	3741954.50	30.79652	(12020808)	415425.69	3741954.50	31.41836	(12020808)
415475.69	3741954.50	31.86374	(12020808)	415525.69	3741954.50	32.13999	(12020808)
415575.69	3741954.50	32.24480	(12020808)	415625.69	3741954.50	32.17534	(12020808)
415675.69	3741954.50	31.92890	(12020808)	415725.69	3741954.50	31.50044	(12020808)
415775.69	3741954.50	30.88225	(12020808)	415825.69	3741954.50	30.06932	(12020808)
415875.69	3741954.50	29.05787	(12020808)	415925.69	3741954.50	27.85163	(12020808)
415975.69	3741954.50	26.46394	(12020808)	416025.69	3741954.50	24.92419	(12020808)
416125.69	3741954.50	22.66641	(16020108)	416175.69	3741954.50	22.53619	(16020108)
416225.69	3741954.50	22.22811	(16020108)	416275.69	3741954.50	21.64622	(16020108)
416325.69	3741954.50	20.75102	(16020108)	416375.69	3741954.50	19.57424	(16020108)
416425.69	3741954.50	18.18963	(16020108)	416475.69	3741954.50	16.69345	(16020108)
416525.69	3741954.50	15.16167	(16020108)	414825.69	3742004.50	23.70975	(12020408)
414875.69	3742004.50	37.53474	(15120608)	414925.69	3742004.50	25.19302	(12020408)
414975.69	3742004.50	25.57854	(12020408)	415025.69	3742004.50	26.69973	(16122708)
415075.69	3742004.50	28.33956	(16122708)	415125.69	3742004.50	29.42596	(16122708)
415175.69	3742004.50	30.88864	(12020808)	415225.69	3742004.50	32.55388	(12020808)
415275.69	3742004.50	38.65541	(16122708)	415325.69	3742004.50	35.17469	(12020808)
415375.69	3742004.50	36.14648	(12020808)	415425.69	3742004.50	36.90014	(12020808)
415475.69	3742004.50	37.44000	(12020808)	415525.69	3742004.50	37.77898	(12020808)
415575.69	3742004.50	37.91541	(12020808)	415625.69	3742004.50	37.84973	(12020808)
415675.69	3742004.50	37.57493	(12020808)	415725.69	3742004.50	37.07856	(12020808)
415775.69	3742004.50	36.34954	(12020808)	415825.69	3742004.50	35.37319	(12020808)
415875.69	3742004.50	34.13608	(12020808)	416025.69	3742004.50	28.89366	(12020808)
416175.69	3742004.50	25.42066	(16020108)	416225.69	3742004.50	24.78132	(16020108)
416275.69	3742004.50	23.73231	(16020108)	416325.69	3742004.50	22.28025	(16020108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416375.69	3742004.50	20.53418	(16020108)	416425.69	3742004.50	18.63731	(16020108)
416475.69	3742004.50	16.71612	(16020108)	416525.69	3742004.50	14.86393	(16020108)
414825.69	3742054.50	26.87522	(15120608)	414875.69	3742054.50	27.75035	(15120608)
414925.69	3742054.50	28.49359	(15120608)	414975.69	3742054.50	29.14529	(12020408)
415025.69	3742054.50	29.67811	(16122708)	415075.69	3742054.50	31.80639	(16122708)
415125.69	3742054.50	34.21843	(12020808)	415175.69	3742054.50	36.61889	(12020808)
415225.69	3742054.50	38.70337	(12020808)	415275.69	3742054.50	40.49646	(12020808)

415325.69	3742054.50	41.97805	(12020808)	415375.69	3742054.50	43.17501	(12020808)
415425.69	3742054.50	44.08414	(12020808)	415475.69	3742054.50	44.74579	(12020808)
415525.69	3742054.50	45.17145	(12020808)	415575.69	3742054.50	45.35477	(12020808)
415625.69	3742054.50	45.30287	(12020808)	415675.69	3742054.50	45.00478	(12020808)
415725.69	3742054.50	44.43935	(12020808)	415775.69	3742054.50	43.59156	(12020808)
415825.69	3742054.50	42.42429	(12020808)	415875.69	3742054.50	40.90989	(12020808)
415925.69	3742054.50	39.02265	(12020808)	415975.69	3742054.50	36.75469	(12020808)
416175.69	3742054.50	28.84725	(16020108)	416225.69	3742054.50	27.64831	(16020108)
416275.69	3742054.50	25.85157	(16020108)	416325.69	3742054.50	23.59555	(16020108)
416375.69	3742054.50	21.11791	(16020108)	416425.69	3742054.50	18.63391	(16020108)
416475.69	3742054.50	16.29047	(16020108)	416525.69	3742054.50	14.15689	(16020108)
414825.69	3742104.50	30.44842	(15120608)	414875.69	3742104.50	32.01652	(15120608)
414925.69	3742104.50	33.27502	(15120608)	414975.69	3742104.50	34.29157	(15120608)
415025.69	3742104.50	35.25966	(15120608)	415075.69	3742104.50	37.69256	(12020808)
415125.69	3742104.50	41.26437	(12020808)	415175.69	3742104.50	44.46228	(12020808)
415225.69	3742104.50	47.16045	(12020808)	415275.69	3742104.50	49.44190	(12020808)
415325.69	3742104.50	51.26039	(12020808)	415375.69	3742104.50	52.73147	(12020808)
415425.69	3742104.50	53.83998	(12020808)	415475.69	3742104.50	54.65188	(12020808)
415525.69	3742104.50	55.18786	(12020808)	415575.69	3742104.50	55.44350	(12020808)
415625.69	3742104.50	55.42629	(12020808)	415675.69	3742104.50	55.12501	(12020808)
415725.69	3742104.50	54.50511	(12020808)	415775.69	3742104.50	53.54082	(12020808)
415825.69	3742104.50	52.16790	(12020808)	415875.69	3742104.50	50.32445	(12020808)
415925.69	3742104.50	47.94136	(12020808)	415975.69	3742104.50	44.97054	(12020808)
416175.69	3742104.50	33.00872	(16020108)	416225.69	3742104.50	30.81249	(16020108)
416275.69	3742104.50	27.81057	(16020108)	416325.69	3742104.50	24.43754	(16020108)
416375.69	3742104.50	21.09649	(16020108)	416425.69	3742104.50	18.02224	(16020108)
416475.69	3742104.50	15.32798	(16020108)	416525.69	3742104.50	13.01898	(16020108)
414825.69	3742154.50	34.00238	(15120608)	414875.69	3742154.50	36.90023	(15120608)
414925.69	3742154.50	39.29543	(15120608)	414975.69	3742154.50	41.09838	(15120608)
415025.69	3742154.50	42.77046	(15120608)	415075.69	3742154.50	46.45521	(12020808)
415125.69	3742154.50	51.51251	(12020808)	415175.69	3742154.50	55.84820	(12020808)
415225.69	3742154.50	59.43273	(12020808)	415275.69	3742154.50	62.27029	(13121808)
415325.69	3742154.50	73.51458	(16112908)	415375.69	3742154.50	71.73477	(16121908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
415425.69	3742154.50	67.77477	(12020808)	415475.69	3742154.50	68.79736	(12020808)
415525.69	3742154.50	69.48023	(12020808)	415575.69	3742154.50	69.84757	(12020808)
415625.69	3742154.50	69.91433	(12020808)	415675.69	3742154.50	69.65561	(12020808)
415725.69	3742154.50	69.02811	(12020808)	415775.69	3742154.50	67.98175	(12020808)
415825.69	3742154.50	66.41713	(12020808)	415875.69	3742154.50	64.21225	(12020808)
415925.69	3742154.50	61.22381	(12020808)	416175.69	3742154.50	38.18199	(16020108)
416225.69	3742154.50	34.06550	(16020108)	416275.69	3742154.50	29.18363	(16020108)
416325.69	3742154.50	24.40659	(16020108)	416375.69	3742154.50	20.19291	(16020108)
416425.69	3742154.50	16.67258	(16020108)	416475.69	3742154.50	14.17068	(12020808)
416525.69	3742154.50	12.66810	(12020808)	414825.69	3742204.50	36.87209	(15120608)
414875.69	3742204.50	41.95918	(15120608)	414925.69	3742204.50	46.75378	(15120608)

414975.69	3742204.50	50.29748 (15120608)	415025.69	3742204.50	53.20405 (15120608)
415075.69	3742204.50	60.14821 (12020808)	415125.69	3742204.50	67.78673 (12020808)
415175.69	3742204.50	73.93663 (12020808)	415225.69	3742204.50	78.72826 (12020808)
415275.69	3742204.50	82.38257 (12020808)	415325.69	3742204.50	85.29651 (12020808)
415375.69	3742204.50	87.56381 (12020808)	415425.69	3742204.50	89.28900 (12020808)
415475.69	3742204.50	90.59872 (12020808)	415525.69	3742204.50	91.53390 (12020808)
415575.69	3742204.50	92.12410 (12020808)	415625.69	3742204.50	92.37694 (12020808)
415675.69	3742204.50	92.26589 (12020808)	415725.69	3742204.50	91.73500 (12020808)
415775.69	3742204.50	90.71920 (12020808)	415825.69	3742204.50	89.06708 (12020808)
415925.69	3742204.50	82.90738 (12020808)	415975.69	3742204.50	77.61749 (12020808)
416025.69	3742204.50	70.22178 (12020808)	416175.69	3742204.50	44.52399 (16020108)
416225.69	3742204.50	36.72370 (16020108)	416275.69	3742204.50	29.19207 (16020108)
416325.69	3742204.50	22.99965 (16020108)	416375.69	3742204.50	19.28495 (12020808)
416425.69	3742204.50	16.73211 (12020808)	416475.69	3742204.50	14.70592 (12020808)
416525.69	3742204.50	13.06587 (12020808)	414825.69	3742254.50	40.44463 (12112908)
414875.69	3742254.50	46.34956 (12110208)	414925.69	3742254.50	54.83198 (15120608)
414975.69	3742254.50	64.42269 (15120608)	415025.69	3742254.50	69.66759 (15120608)
415075.69	3742254.50	85.09425 (12020808)	415125.69	3742254.50	97.69564 (12020808)
415175.69	3742254.50	106.70499 (12020808)	415225.69	3742254.50	113.32549 (12020808)
415275.69	3742254.50	118.15729 (12020808)	415325.69	3742254.50	121.90542 (12020808)
415375.69	3742254.50	124.84852 (12020808)	415425.69	3742254.50	127.19021 (12020808)
415475.69	3742254.50	129.06505 (12020808)	415525.69	3742254.50	130.54298 (12020808)
415575.69	3742254.50	131.64772 (12020808)	415625.69	3742254.50	132.38755 (12020808)
415675.69	3742254.50	132.77095 (12020808)	415725.69	3742254.50	132.67497 (12020808)
415775.69	3742254.50	132.04994 (12020808)	415825.69	3742254.50	130.66962 (12020808)
415925.69	3742254.50	124.15200 (12020808)	416125.69	3742254.50	66.81835 (12020808)
416175.69	3742254.50	51.15178 (16020108)	416225.69	3742254.50	37.03533 (12020808)
416275.69	3742254.50	29.27699 (12020808)	416325.69	3742254.50	24.23613 (16123015)
416375.69	3742254.50	22.03950 (16123015)	416425.69	3742254.50	19.84433 (16123015)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***
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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
416475.69	3742254.50	17.84262 (16123015)	416525.69	3742254.50	16.07650 (16123015)
414825.69	3742304.50	46.84232 (12112908)	414875.69	3742304.50	55.41082 (12112908)
414925.69	3742304.50	71.03090 (12110208)	414975.69	3742304.50	87.68179 (12110208)
415025.69	3742304.50	108.41062 (12020808)	415075.69	3742304.50	146.73301 (12020808)
415125.69	3742304.50	169.54101 (12020808)	415175.69	3742304.50	183.50095 (12020808)
415225.69	3742304.50	193.26744 (12020808)	415275.69	3742304.50	200.54074 (12020808)
415325.69	3742304.50	206.35341 (12020808)	415375.69	3742304.50	211.26268 (12020808)
415425.69	3742304.50	215.55240 (12020808)	415475.69	3742304.50	219.38674 (12020808)
415525.69	3742304.50	222.81510 (12020808)	415575.69	3742304.50	225.97543 (12020808)
415625.69	3742304.50	228.83586 (12020808)	415675.69	3742304.50	231.41726 (12020808)
415725.69	3742304.50	233.55291 (12020808)	415775.69	3742304.50	235.16965 (12020808)
415825.69	3742304.50	236.02567 (12020808)	415925.69	3742304.50	233.43297 (12020808)
416225.69	3742304.50	50.41542 (16123015)	416275.69	3742304.50	41.01851 (16123015)
416325.69	3742304.50	33.56047 (16123015)	416375.69	3742304.50	27.84028 (16123015)
416425.69	3742304.50	23.63970 (16123015)	416475.69	3742304.50	20.29762 (16123015)

416525.69	3742304.50	17.73905 (16123015)	415375.69	3742354.50	785.66607 (12020808)
414825.69	3742404.50	48.74060 (16021708)	414875.69	3742404.50	59.86173 (16021708)
414925.69	3742404.50	80.10670 (14032208)	414975.69	3742404.50	120.19416 (14032208)
415025.69	3742404.50	198.88303 (12020808)	415075.69	3742404.50	296.30592 (12020808)
415125.69	3742404.50	319.22663 (12020808)	415175.69	3742404.50	324.60758 (12020808)
415225.69	3742404.50	325.19759 (12020808)	415275.69	3742404.50	323.21295 (12020808)
415325.69	3742404.50	319.67888 (12020808)	415375.69	3742404.50	315.28549 (12020808)
415425.69	3742404.50	310.39778 (12020808)	415475.69	3742404.50	305.27830 (12020808)
415525.69	3742404.50	299.96569 (12020808)	415575.69	3742404.50	294.46367 (12020808)
415625.69	3742404.50	288.73926 (12020808)	415675.69	3742404.50	282.84480 (12020808)
415725.69	3742404.50	276.62206 (12020808)	415775.69	3742404.50	269.97216 (12020808)
415825.69	3742404.50	262.64723 (12020808)	415875.69	3742404.50	254.18807 (12020808)
415925.69	3742404.50	243.90523 (12020808)	415975.69	3742404.50	229.85703 (12020808)
416025.69	3742404.50	207.36586 (12020808)	416075.69	3742404.50	163.27262 (12020808)
416125.69	3742404.50	104.98717 (13011008)	416175.69	3742404.50	76.46558 (13011008)
416225.69	3742404.50	58.69265 (14032608)	416275.69	3742404.50	46.26122 (14032608)
416325.69	3742404.50	37.04430 (14032608)	416375.69	3742404.50	30.17730 (14032608)
416425.69	3742404.50	25.18950 (13011008)	416475.69	3742404.50	21.82108 (13011008)
416525.69	3742404.50	19.15839 (13011008)	414825.69	3742454.50	43.53879 (15021508)
414875.69	3742454.50	51.51262 (15021508)	414925.69	3742454.50	61.48332 (15021508)
414975.69	3742454.50	74.32043 (16021808)	415025.69	3742454.50	94.05483 (16021808)
415075.69	3742454.50	119.14185 (12020808)	415125.69	3742454.50	135.48677 (12020808)
415175.69	3742454.50	144.41124 (12020808)	415225.69	3742454.50	149.56191 (12020808)
415275.69	3742454.50	152.48433 (12020808)	415325.69	3742454.50	154.00213 (12020808)
415375.69	3742454.50	154.59489 (12020808)	415425.69	3742454.50	154.54297 (12020808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
415475.69	3742454.50	153.99709 (12020808)	415525.69	3742454.50	153.03744 (12020808)
415575.69	3742454.50	151.73038 (12020808)	415625.69	3742454.50	150.05438 (12020808)
415675.69	3742454.50	148.00103 (12020808)	415725.69	3742454.50	145.51027 (12020808)
415775.69	3742454.50	142.47296 (12020808)	415825.69	3742454.50	138.71447 (12020808)
415875.69	3742454.50	133.91834 (12020808)	415925.69	3742454.50	127.57497 (12020808)
415975.69	3742454.50	118.71010 (12020808)	416025.69	3742454.50	105.77062 (12020808)
416075.69	3742454.50	87.35423 (12020808)	416125.69	3742454.50	67.97707 (13011008)
416175.69	3742454.50	60.85109 (13011008)	416225.69	3742454.50	51.76377 (13011008)
416275.69	3742454.50	43.47247 (13011008)	416325.69	3742454.50	36.77983 (13011008)
416375.69	3742454.50	31.48697 (13011008)	416425.69	3742454.50	27.28266 (13011008)
416475.69	3742454.50	23.90232 (13011008)	416525.69	3742454.50	21.15072 (13011008)
414825.69	3742504.50	37.61252 (15021508)	414875.69	3742504.50	41.80852 (15021508)
414925.69	3742504.50	49.13423 (16021808)	414975.69	3742504.50	59.91421 (16021808)
415025.69	3742504.50	67.35521 (16021808)	415075.69	3742504.50	74.60667 (12020808)
415125.69	3742504.50	84.32490 (12020808)	415175.69	3742504.50	91.12267 (12020808)
415225.69	3742504.50	95.70972 (12020808)	415275.69	3742504.50	98.75633 (12020808)
415325.69	3742504.50	100.73864 (12020808)	415375.69	3742504.50	101.96404 (12020808)
415425.69	3742504.50	102.60639 (12020808)	415475.69	3742504.50	102.78840 (12020808)
415525.69	3742504.50	102.57844 (12020808)	415575.69	3742504.50	102.01196 (12020808)

415625.69	3742504.50	101.09737 (12020808)	415675.69	3742504.50	99.81702 (12020808)
415725.69	3742504.50	98.12963 (12020808)	415775.69	3742504.50	95.94579 (12020808)
415825.69	3742504.50	93.15835 (12020808)	415875.69	3742504.50	89.55619 (12020808)
415925.69	3742504.50	84.85513 (12020808)	415975.69	3742504.50	78.64974 (12020808)
416025.69	3742504.50	70.56590 (12020808)	416075.69	3742504.50	60.64480 (12020808)
416125.69	3742504.50	49.99792 (12020808)	416175.69	3742504.50	46.91900 (13011008)
416225.69	3742504.50	43.38776 (13011008)	416275.69	3742504.50	39.12703 (13011008)
416325.69	3742504.50	34.88028 (13011008)	416375.69	3742504.50	30.97890 (13011008)
416425.69	3742504.50	27.56175 (13011008)	416475.69	3742504.50	24.62164 (13011008)
416525.69	3742504.50	22.10452 (13011008)	414825.69	3742554.50	30.82839 (16021808)
414875.69	3742554.50	37.42462 (16021808)	414925.69	3742554.50	44.00541 (16021808)
414975.69	3742554.50	49.47079 (16021808)	415025.69	3742554.50	53.08286 (16021808)
415075.69	3742554.50	55.98518 (16021808)	415125.69	3742554.50	60.54096 (12020808)
415175.69	3742554.50	65.42576 (12020808)	415225.69	3742554.50	69.08863 (12020808)
415275.69	3742554.50	71.75211 (12020808)	415325.69	3742554.50	73.63200 (12020808)
415375.69	3742554.50	74.90986 (12020808)	415425.69	3742554.50	75.69883 (12020808)
415475.69	3742554.50	76.08147 (12020808)	415525.69	3742554.50	76.11090 (12020808)
415575.69	3742554.50	75.81327 (12020808)	415625.69	3742554.50	75.19779 (12020808)
415675.69	3742554.50	74.25041 (12020808)	415725.69	3742554.50	72.94366 (12020808)
415775.69	3742554.50	71.21714 (12020808)	415825.69	3742554.50	68.99517 (12020808)
415875.69	3742554.50	66.16978 (12020808)	415925.69	3742554.50	62.59961 (12020808)

♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
415975.69	3742554.50	58.14250	(12020808)	416025.69	3742554.50	52.74257	(12020808)
416075.69	3742554.50	46.57881	(12020808)	416125.69	3742554.50	40.14024	(12020808)
416175.69	3742554.50	37.02309	(13011008)	416225.69	3742554.50	35.46652	(13011008)
416275.69	3742554.50	33.51505	(13011008)	416325.69	3742554.50	31.18506	(13011008)
416375.69	3742554.50	28.73010	(13011008)	416425.69	3742554.50	26.32178	(13011008)
416475.69	3742554.50	24.07342	(13011008)	416525.69	3742554.50	22.01414	(13011008)
414825.69	3742604.50	30.48944	(16021808)	414875.69	3742604.50	34.99852	(16021808)
414925.69	3742604.50	38.94361	(16021808)	414975.69	3742604.50	41.97964	(16021808)
415025.69	3742604.50	44.06539	(16021808)	415075.69	3742604.50	45.83831	(16021808)
415125.69	3742604.50	47.41752	(16021808)	415175.69	3742604.50	50.42239	(12020808)
415225.69	3742604.50	53.27419	(12020808)	415275.69	3742604.50	55.47586	(12020808)
415325.69	3742604.50	57.11711	(12020808)	415375.69	3742604.50	58.29316	(12020808)
415425.69	3742604.50	59.06804	(12020808)	415475.69	3742604.50	59.49800	(12020808)
415525.69	3742604.50	59.61734	(12020808)	415575.69	3742604.50	59.44689	(12020808)
415625.69	3742604.50	58.99286	(12020808)	415675.69	3742604.50	58.24742	(12020808)
415725.69	3742604.50	57.19019	(12020808)	415775.69	3742604.50	55.78822	(12020808)
415825.69	3742604.50	53.99736	(12020808)	415875.69	3742604.50	51.75879	(12020808)
415925.69	3742604.50	49.01239	(12020808)	415975.69	3742604.50	45.72615	(12020808)
416025.69	3742604.50	41.92563	(12020808)	416075.69	3742604.50	37.74297	(12020808)
416125.69	3742604.50	33.42538	(12020808)	416175.69	3742604.50	29.80707	(13011008)
416225.69	3742604.50	29.03936	(13011008)	416275.69	3742604.50	28.13225	(13011008)
416325.69	3742604.50	26.98896	(13011008)	416375.69	3742604.50	25.61594	(13011008)
416425.69	3742604.50	24.11480	(13011008)	416475.69	3742604.50	22.57342	(13011008)

416525.69	3742604.50	21.05344	(13011008)	414825.69	3742654.50	29.04646	(16021808)
414875.69	3742654.50	32.18855	(16021808)	414925.69	3742654.50	34.54343	(16021808)
414975.69	3742654.50	36.31107	(16021808)	415025.69	3742654.50	37.60576	(16021808)
415075.69	3742654.50	38.78018	(16021808)	415125.69	3742654.50	39.76164	(16021808)
415175.69	3742654.50	40.63443	(12020808)	415225.69	3742654.50	42.85472	(12020808)
415275.69	3742654.50	44.64179	(12020808)	415325.69	3742654.50	46.02839	(12020808)
415375.69	3742654.50	47.05572	(12020808)	415425.69	3742654.50	47.76160	(12020808)
415475.69	3742654.50	48.17895	(12020808)	415525.69	3742654.50	48.32902	(12020808)
415575.69	3742654.50	48.22710	(12020808)	415625.69	3742654.50	47.87708	(12020808)
415675.69	3742654.50	47.27566	(12020808)	415725.69	3742654.50	46.41015	(12020808)
415775.69	3742654.50	45.26291	(12020808)	415825.69	3742654.50	43.80761	(12020808)
415875.69	3742654.50	42.02644	(12020808)	415925.69	3742654.50	39.89262	(12020808)
415975.69	3742654.50	37.41147	(12020808)	416025.69	3742654.50	34.62145	(12020808)
416075.69	3742654.50	31.61453	(12020808)	416125.69	3742654.50	28.52648	(12020808)
416175.69	3742654.50	25.51257	(12020808)	416225.69	3742654.50	23.91627	(13011008)
416275.69	3742654.50	23.49703	(13011008)	416325.69	3742654.50	22.98139	(13011008)
416375.69	3742654.50	22.29445	(13011008)	416425.69	3742654.50	21.46239	(13011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONROAD ***

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 UNITEMIS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
416475.69	3742654.50	20.51902	(13011008)	416525.69	3742654.50	19.50620	(13011008)
414825.69	3742704.50	27.31337	(16021808)	414875.69	3742704.50	29.25423	(16021808)
414925.69	3742704.50	30.70567	(16021808)	414975.69	3742704.50	31.81520	(16021808)
415025.69	3742704.50	32.62832	(16021808)	415075.69	3742704.50	33.35943	(16021808)
415125.69	3742704.50	33.98630	(16021808)	415175.69	3742704.50	34.30711	(16021808)
415225.69	3742704.50	35.50720	(12020808)	415275.69	3742704.50	36.95190	(12020808)
415325.69	3742704.50	38.10498	(12020808)	415375.69	3742704.50	38.98228	(12020808)
415425.69	3742704.50	39.60234	(12020808)	415475.69	3742704.50	39.98263	(12020808)
415525.69	3742704.50	40.13706	(12020808)	415575.69	3742704.50	40.07466	(12020808)
415625.69	3742704.50	39.79848	(12020808)	415675.69	3742704.50	39.30840	(12020808)
415725.69	3742704.50	38.59670	(12020808)	415775.69	3742704.50	37.65306	(12020808)
415825.69	3742704.50	36.47274	(12020808)	415875.69	3742704.50	35.04464	(12020808)
415925.69	3742704.50	33.36591	(12020808)	415975.69	3742704.50	31.45134	(12020808)
416025.69	3742704.50	29.33750	(12020808)	416075.69	3742704.50	27.08656	(12020808)
416125.69	3742704.50	24.77963	(12020808)	416175.69	3742704.50	22.50709	(12020808)
416225.69	3742704.50	20.34335	(12020808)	416275.69	3742704.50	19.61836	(13011008)
416325.69	3742704.50	19.42029	(13011008)	416375.69	3742704.50	19.13353	(13011008)
416425.69	3742704.50	18.73816	(13011008)	416475.69	3742704.50	18.22809	(13011008)
416525.69	3742704.50	17.62844	(13011008)	414825.69	3742754.50	25.31377	(16021808)
414875.69	3742754.50	26.54215	(16021808)	414925.69	3742754.50	27.47007	(16021808)
414975.69	3742754.50	28.13805	(16021808)	415025.69	3742754.50	28.65459	(16021808)
415075.69	3742754.50	29.07572	(16021808)	415125.69	3742754.50	29.39172	(16021808)
415175.69	3742754.50	29.57400	(16021808)	415225.69	3742754.50	30.06824	(12020808)
415275.69	3742754.50	31.23879	(12020808)	415325.69	3742754.50	32.19281	(12020808)
415375.69	3742754.50	32.93258	(12020808)	415425.69	3742754.50	33.46629	(12020808)
415475.69	3742754.50	33.80232	(12020808)	415525.69	3742754.50	33.94831	(12020808)
415575.69	3742754.50	33.91018	(12020808)	415625.69	3742754.50	33.68963	(12020808)

415675.69	3742754.50	33.28750	(12020808)	415725.69	3742754.50	32.70115	(12020808)
415775.69	3742754.50	31.92400	(12020808)	415825.69	3742754.50	30.96217	(12020808)
415875.69	3742754.50	29.80921	(12020808)	415925.69	3742754.50	28.47472	(12020808)
415975.69	3742754.50	26.97039	(12020808)	416025.69	3742754.50	25.32906	(12020808)
416075.69	3742754.50	23.59254	(12020808)	416125.69	3742754.50	21.81369	(12020808)
416175.69	3742754.50	20.04757	(12020808)	416225.69	3742754.50	18.34481	(12020808)
416275.69	3742754.50	16.74474	(12020808)	416325.69	3742754.50	16.37278	(13011008)
416375.69	3742754.50	16.29188	(13011008)	416425.69	3742754.50	16.15447	(13011008)
416475.69	3742754.50	15.93612	(13011008)	416525.69	3742754.50	15.64827	(13011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OFFROAD	1ST HIGHEST VALUE IS	81.01394 AT (416125.69, 3742254.50, 47.21, 47.21, 0.00)	DC	
	2ND HIGHEST VALUE IS	62.25474 AT (416175.69, 3742054.50, 46.66, 46.66, 0.00)	DC	
	3RD HIGHEST VALUE IS	56.07049 AT (416025.69, 3742204.50, 46.07, 46.07, 0.00)	DC	
	4TH HIGHEST VALUE IS	45.48579 AT (416175.69, 3742104.50, 47.08, 47.08, 0.00)	DC	
	5TH HIGHEST VALUE IS	40.11421 AT (416175.69, 3742004.50, 46.77, 46.77, 0.00)	DC	
	6TH HIGHEST VALUE IS	36.12313 AT (416175.69, 3742154.50, 47.05, 47.05, 0.00)	DC	
	7TH HIGHEST VALUE IS	31.80166 AT (416175.69, 3742254.50, 47.10, 47.10, 0.00)	DC	
	8TH HIGHEST VALUE IS	30.51380 AT (416175.69, 3742204.50, 47.00, 47.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	24.27848 AT (416225.69, 3742304.50, 47.12, 47.12, 0.00)	DC	
	10TH HIGHEST VALUE IS	20.18426 AT (416125.69, 3742404.50, 47.02, 47.02, 0.00)	DC	
ONROAD	1ST HIGHEST VALUE IS	65.67936 AT (415375.69, 3742354.50, 44.76, 44.76, 0.00)	DC	
	2ND HIGHEST VALUE IS	45.54767 AT (415694.02, 3742380.53, 45.39, 45.39, 0.00)	DC	
	3RD HIGHEST VALUE IS	44.59990 AT (415730.12, 3742380.30, 45.49, 45.49, 0.00)	DC	
	4TH HIGHEST VALUE IS	43.55933 AT (415638.93, 3742382.64, 45.32, 45.32, 0.00)	DC	
	5TH HIGHEST VALUE IS	36.39342 AT (415860.32, 3742334.81, 46.04, 46.04, 0.00)	DC	
	6TH HIGHEST VALUE IS	34.55532 AT (415595.33, 3742338.58, 45.37, 45.37, 0.00)	DC	
	7TH HIGHEST VALUE IS	34.50647 AT (415631.07, 3742337.87, 45.40, 45.40, 0.00)	DC	
	8TH HIGHEST VALUE IS	34.48224 AT (415387.65, 3742342.56, 44.93, 44.93, 0.00)	DC	
	9TH HIGHEST VALUE IS	34.20549 AT (415612.10, 3742338.04, 45.36, 45.36, 0.00)	DC	
	10TH HIGHEST VALUE IS	33.67142 AT (415776.37, 3742334.65, 45.72, 45.72, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF UNITEMIS IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID

- -

OFFROAD HIGH 1ST HIGH VALUE IS 2167.07083 ON 13120108: AT (416175.69, 3742004.50, 46.77, 46.77, 0.00) DC

ONROAD HIGH 1ST HIGH VALUE IS 785.66607 ON 12020808: AT (415375.69, 3742354.50, 44.76, 44.76, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
♀ *** AERMOD - VERSION 21112 *** *** Anaheim Ball MIxed Use Project - Unit Emission *** 06/18/22
*** AERMET - VERSION 16216 *** *** *** 13:52:58
PAGE 77
*** 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 710 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 710 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
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