

**APPENDIX B**  
**AIR QUALITY AND GREENHOUSE GAS (GHG) ASSESSMENT**

---

## APPENDIX B1

### CalEEMod INPUT AND RESULTS FOR AIR QUALITY ANALYSIS

---

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2023	3-31-2023	0.3467	0.3467
2	4-1-2023	6-30-2023	0.2776	0.2776
3	7-1-2023	9-30-2023	0.1553	0.1553
		Highest	0.3467	0.3467

**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	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Energy	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	41.8753	41.8753	3.3600e-003	4.5000e-004	42.0934
Mobile	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Waste						0.0000	0.0000		0.0000	0.0000	12.1632	0.0000	12.1632	0.7188	0.0000	30.1339
Water						0.0000	0.0000		0.0000	0.0000	4.6770	34.0429	38.7199	0.4833	0.0117	54.2850
<b>Total</b>	<b>0.3235</b>	<b>0.0765</b>	<b>0.6769</b>	<b>1.5300e-003</b>	<b>0.1618</b>	<b>1.2900e-003</b>	<b>0.1631</b>	<b>0.0432</b>	<b>1.2100e-003</b>	<b>0.0444</b>	<b>16.8402</b>	<b>216.6415</b>	<b>233.4818</b>	<b>1.2146</b>	<b>0.0180</b>	<b>269.2196</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Energy	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	41.8753	41.8753	3.3600e-003	4.5000e-004	42.0934
Mobile	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Waste						0.0000	0.0000		0.0000	0.0000	12.1632	0.0000	12.1632	0.7188	0.0000	30.1339
Water						0.0000	0.0000		0.0000	0.0000	4.6770	34.0429	38.7199	0.4833	0.0117	54.2850
<b>Total</b>	<b>0.3235</b>	<b>0.0765</b>	<b>0.6769</b>	<b>1.5300e-003</b>	<b>0.1618</b>	<b>1.2900e-003</b>	<b>0.1631</b>	<b>0.0432</b>	<b>1.2100e-003</b>	<b>0.0444</b>	<b>16.8402</b>	<b>216.6415</b>	<b>233.4818</b>	<b>1.2146</b>	<b>0.0180</b>	<b>269.2196</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21
7	Paving	Paving	9/1/2023	9/15/2023	5	11
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Architectural Coating	Aerial Lifts	1	8.00	63	0.31
-----------------------	--------------	---	------	----	------

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	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

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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					
Fugitive Dust					0.0554	0.0000	0.0554	8.3800e-003	0.0000	8.3800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1400e-003	0.0115	0.0167	2.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.0519	2.0519	6.6000e-004	0.0000	2.0685
<b>Total</b>	<b>1.1400e-003</b>	<b>0.0115</b>	<b>0.0167</b>	<b>2.0000e-005</b>	<b>0.0554</b>	<b>5.7000e-004</b>	<b>0.0559</b>	<b>8.3800e-003</b>	<b>5.2000e-004</b>	<b>8.9000e-003</b>	<b>0.0000</b>	<b>2.0519</b>	<b>2.0519</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.0685</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0351	8.9500e-003	1.5000e-004	4.4000e-003	2.1000e-004	4.6100e-003	1.2100e-003	2.0000e-004	1.4100e-003	0.0000	14.9025	14.9025	8.2000e-004	2.3700e-003	15.6283
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	7.0000e-005	6.0000e-005	7.7000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1963	0.1963	1.0000e-005	1.0000e-005	0.1979
<b>Total</b>	<b>6.1000e-004</b>	<b>0.0352</b>	<b>9.7200e-003</b>	<b>1.5000e-004</b>	<b>4.6500e-003</b>	<b>2.1000e-004</b>	<b>4.8600e-003</b>	<b>1.2800e-003</b>	<b>2.0000e-004</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>15.0988</b>	<b>15.0988</b>	<b>8.3000e-004</b>	<b>2.3800e-003</b>	<b>15.8262</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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					
Fugitive Dust					0.0249	0.0000	0.0249	3.7700e-003	0.0000	3.7700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1400e-003	0.0115	0.0167	2.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.0519	2.0519	6.6000e-004	0.0000	2.0685
<b>Total</b>	<b>1.1400e-003</b>	<b>0.0115</b>	<b>0.0167</b>	<b>2.0000e-005</b>	<b>0.0249</b>	<b>5.7000e-004</b>	<b>0.0255</b>	<b>3.7700e-003</b>	<b>5.2000e-004</b>	<b>4.2900e-003</b>	<b>0.0000</b>	<b>2.0519</b>	<b>2.0519</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.0685</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0351	8.9500e-003	1.5000e-004	4.4000e-003	2.1000e-004	4.6100e-003	1.2100e-003	2.0000e-004	1.4100e-003	0.0000	14.9025	14.9025	8.2000e-004	2.3700e-003	15.6283
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	7.0000e-005	6.0000e-005	7.7000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1963	0.1963	1.0000e-005	1.0000e-005	0.1979
<b>Total</b>	<b>6.1000e-004</b>	<b>0.0352</b>	<b>9.7200e-003</b>	<b>1.5000e-004</b>	<b>4.6500e-003</b>	<b>2.1000e-004</b>	<b>4.8600e-003</b>	<b>1.2800e-003</b>	<b>2.0000e-004</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>15.0988</b>	<b>15.0988</b>	<b>8.3000e-004</b>	<b>2.3800e-003</b>	<b>15.8262</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	5.3700e-003	7.8100e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.4000e-004	2.4000e-004	0.0000	0.9576	0.9576	3.1000e-004	0.0000	0.9653
<b>Total</b>	<b>5.3000e-004</b>	<b>5.3700e-003</b>	<b>7.8100e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.9576</b>	<b>0.9576</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.9653</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.6000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0916	0.0916	0.0000	0.0000	0.0924
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0916</b>	<b>0.0916</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0924</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	5.3700e-003	7.8100e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.4000e-004	2.4000e-004	0.0000	0.9576	0.9576	3.1000e-004	0.0000	0.9653
<b>Total</b>	<b>5.3000e-004</b>	<b>5.3700e-003</b>	<b>7.8100e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.9576</b>	<b>0.9576</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.9653</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.6000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0916	0.0916	0.0000	0.0000	0.0924
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0916</b>	<b>0.0916</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0924</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.4 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					6.1100e-003	0.0000	6.1100e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1131	0.1047	2.8000e-004		4.3100e-003	4.3100e-003		3.9700e-003	3.9700e-003	0.0000	24.6974	24.6974	7.9900e-003	0.0000	24.8971
<b>Total</b>	<b>0.0123</b>	<b>0.1131</b>	<b>0.1047</b>	<b>2.8000e-004</b>	<b>6.1100e-003</b>	<b>4.3100e-003</b>	<b>0.0104</b>	<b>7.0000e-004</b>	<b>3.9700e-003</b>	<b>4.6700e-003</b>	<b>0.0000</b>	<b>24.6974</b>	<b>24.6974</b>	<b>7.9900e-003</b>	<b>0.0000</b>	<b>24.8971</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1200e-003	0.0730	0.0186	3.1000e-004	9.1300e-003	4.4000e-004	9.5600e-003	2.5100e-003	4.2000e-004	2.9300e-003	0.0000	30.9424	30.9424	1.7000e-003	4.9100e-003	32.4493
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	3.2000e-004	2.5000e-004	3.4100e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.8722	0.8722	2.0000e-005	2.0000e-005	0.8796
<b>Total</b>	<b>1.4400e-003</b>	<b>0.0732</b>	<b>0.0220</b>	<b>3.2000e-004</b>	<b>0.0102</b>	<b>4.5000e-004</b>	<b>0.0107</b>	<b>2.8000e-003</b>	<b>4.3000e-004</b>	<b>3.2300e-003</b>	<b>0.0000</b>	<b>31.8147</b>	<b>31.8147</b>	<b>1.7200e-003</b>	<b>4.9300e-003</b>	<b>33.3289</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.4 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	tons/yr										MT/yr					
Fugitive Dust					2.7500e-003	0.0000	2.7500e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1131	0.1047	2.8000e-004		4.3100e-003	4.3100e-003		3.9700e-003	3.9700e-003	0.0000	24.6974	24.6974	7.9900e-003	0.0000	24.8971
<b>Total</b>	<b>0.0123</b>	<b>0.1131</b>	<b>0.1047</b>	<b>2.8000e-004</b>	<b>2.7500e-003</b>	<b>4.3100e-003</b>	<b>7.0600e-003</b>	<b>3.1000e-004</b>	<b>3.9700e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>24.6974</b>	<b>24.6974</b>	<b>7.9900e-003</b>	<b>0.0000</b>	<b>24.8971</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1200e-003	0.0730	0.0186	3.1000e-004	9.1300e-003	4.4000e-004	9.5600e-003	2.5100e-003	4.2000e-004	2.9300e-003	0.0000	30.9424	30.9424	1.7000e-003	4.9100e-003	32.4493
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	3.2000e-004	2.5000e-004	3.4100e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.8722	0.8722	2.0000e-005	2.0000e-005	0.8796
<b>Total</b>	<b>1.4400e-003</b>	<b>0.0732</b>	<b>0.0220</b>	<b>3.2000e-004</b>	<b>0.0102</b>	<b>4.5000e-004</b>	<b>0.0107</b>	<b>2.8000e-003</b>	<b>4.3000e-004</b>	<b>3.2300e-003</b>	<b>0.0000</b>	<b>31.8147</b>	<b>31.8147</b>	<b>1.7200e-003</b>	<b>4.9300e-003</b>	<b>33.3289</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.3928	0.2920	6.4000e-004		0.0183	0.0183		0.0171	0.0171	0.0000	52.2571	52.2571	0.0147	0.0000	52.6248
<b>Total</b>	<b>0.0431</b>	<b>0.3928</b>	<b>0.2920</b>	<b>6.4000e-004</b>		<b>0.0183</b>	<b>0.0183</b>		<b>0.0171</b>	<b>0.0171</b>	<b>0.0000</b>	<b>52.2571</b>	<b>52.2571</b>	<b>0.0147</b>	<b>0.0000</b>	<b>52.6248</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0220	8.2200e-003	1.0000e-004	3.4300e-003	1.1000e-004	3.5400e-003	9.9000e-004	1.0000e-004	1.0900e-003	0.0000	9.9093	9.9093	3.3000e-004	1.4300e-003	10.3426
Worker	4.6700e-003	3.7100e-003	0.0501	1.4000e-004	0.0161	1.0000e-004	0.0162	4.2800e-003	9.0000e-005	4.3700e-003	0.0000	12.8351	12.8351	3.4000e-004	3.3000e-004	12.9432
<b>Total</b>	<b>5.2900e-003</b>	<b>0.0257</b>	<b>0.0584</b>	<b>2.4000e-004</b>	<b>0.0196</b>	<b>2.1000e-004</b>	<b>0.0198</b>	<b>5.2700e-003</b>	<b>1.9000e-004</b>	<b>5.4600e-003</b>	<b>0.0000</b>	<b>22.7444</b>	<b>22.7444</b>	<b>6.7000e-004</b>	<b>1.7600e-003</b>	<b>23.2857</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.5 Building Construction - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.3928	0.2920	6.4000e-004		0.0183	0.0183		0.0171	0.0171	0.0000	52.2570	52.2570	0.0147	0.0000	52.6247
<b>Total</b>	<b>0.0431</b>	<b>0.3928</b>	<b>0.2920</b>	<b>6.4000e-004</b>		<b>0.0183</b>	<b>0.0183</b>		<b>0.0171</b>	<b>0.0171</b>	<b>0.0000</b>	<b>52.2570</b>	<b>52.2570</b>	<b>0.0147</b>	<b>0.0000</b>	<b>52.6247</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0220	8.2200e-003	1.0000e-004	3.4300e-003	1.1000e-004	3.5400e-003	9.9000e-004	1.0000e-004	1.0900e-003	0.0000	9.9093	9.9093	3.3000e-004	1.4300e-003	10.3426
Worker	4.6700e-003	3.7100e-003	0.0501	1.4000e-004	0.0161	1.0000e-004	0.0162	4.2800e-003	9.0000e-005	4.3700e-003	0.0000	12.8351	12.8351	3.4000e-004	3.3000e-004	12.9432
<b>Total</b>	<b>5.2900e-003</b>	<b>0.0257</b>	<b>0.0584</b>	<b>2.4000e-004</b>	<b>0.0196</b>	<b>2.1000e-004</b>	<b>0.0198</b>	<b>5.2700e-003</b>	<b>1.9000e-004</b>	<b>5.4600e-003</b>	<b>0.0000</b>	<b>22.7444</b>	<b>22.7444</b>	<b>6.7000e-004</b>	<b>1.7600e-003</b>	<b>23.2857</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.6 Utility Trenching and Installation - 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	1.7400e-003	0.0177	0.0257	4.0000e-005		8.7000e-004	8.7000e-004		8.0000e-004	8.0000e-004	0.0000	3.1462	3.1462	1.0200e-003	0.0000	3.1717
<b>Total</b>	<b>1.7400e-003</b>	<b>0.0177</b>	<b>0.0257</b>	<b>4.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>3.1462</b>	<b>3.1462</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1717</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.1800e-003	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3009	0.3009	1.0000e-005	1.0000e-005	0.3035
<b>Total</b>	<b>1.1000e-004</b>	<b>9.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3009</b>	<b>0.3009</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3035</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.6 Utility Trenching and Installation - 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	1.7400e-003	0.0177	0.0257	4.0000e-005		8.7000e-004	8.7000e-004		8.0000e-004	8.0000e-004	0.0000	3.1462	3.1462	1.0200e-003	0.0000	3.1717
<b>Total</b>	<b>1.7400e-003</b>	<b>0.0177</b>	<b>0.0257</b>	<b>4.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>3.1462</b>	<b>3.1462</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1717</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.1800e-003	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3009	0.3009	1.0000e-005	1.0000e-005	0.3035
<b>Total</b>	<b>1.1000e-004</b>	<b>9.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3009</b>	<b>0.3009</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3035</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5900e-003	0.0161	0.0234	3.0000e-005		8.0000e-004	8.0000e-004		7.3000e-004	7.3000e-004	0.0000	2.8727	2.8727	9.3000e-004	0.0000	2.8959
<b>Total</b>	<b>1.5900e-003</b>	<b>0.0161</b>	<b>0.0234</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.8727</b>	<b>2.8727</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.8959</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.0700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2748	0.2748	1.0000e-005	1.0000e-005	0.2771
<b>Total</b>	<b>1.0000e-004</b>	<b>8.0000e-005</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2748</b>	<b>0.2748</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2771</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.7 Landscaping - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5900e-003	0.0161	0.0234	3.0000e-005		8.0000e-004	8.0000e-004		7.3000e-004	7.3000e-004	0.0000	2.8727	2.8727	9.3000e-004	0.0000	2.8959
<b>Total</b>	<b>1.5900e-003</b>	<b>0.0161</b>	<b>0.0234</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.8727</b>	<b>2.8727</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.8959</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.0700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2748	0.2748	1.0000e-005	1.0000e-005	0.2771
<b>Total</b>	<b>1.0000e-004</b>	<b>8.0000e-005</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2748</b>	<b>0.2748</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2771</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2200e-003	0.0207	0.0253	4.0000e-005		1.0400e-003	1.0400e-003		9.6000e-004	9.6000e-004	0.0000	3.1967	3.1967	9.4000e-004	0.0000	3.2202
Paving	9.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-003</b>	<b>0.0207</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>1.0400e-003</b>	<b>1.0400e-003</b>		<b>9.6000e-004</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>3.1967</b>	<b>3.1967</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.2202</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	1.4000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4797	0.4797	1.0000e-005	1.0000e-005	0.4838
<b>Total</b>	<b>1.7000e-004</b>	<b>1.4000e-004</b>	<b>1.8700e-003</b>	<b>1.0000e-005</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4797</b>	<b>0.4797</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4838</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.8 Paving - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2200e-003	0.0207	0.0253	4.0000e-005		1.0400e-003	1.0400e-003		9.6000e-004	9.6000e-004	0.0000	3.1967	3.1967	9.4000e-004	0.0000	3.2202
Paving	9.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-003</b>	<b>0.0207</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>1.0400e-003</b>	<b>1.0400e-003</b>		<b>9.6000e-004</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>3.1967</b>	<b>3.1967</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.2202</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	1.4000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4797	0.4797	1.0000e-005	1.0000e-005	0.4838
<b>Total</b>	<b>1.7000e-004</b>	<b>1.4000e-004</b>	<b>1.8700e-003</b>	<b>1.0000e-005</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4797</b>	<b>0.4797</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4838</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2955					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	6.1300e-003	0.0126	2.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	1.6966	1.6966	5.5000e-004	0.0000	1.7103
<b>Total</b>	<b>0.2959</b>	<b>6.1300e-003</b>	<b>0.0126</b>	<b>2.0000e-005</b>		<b>1.1000e-004</b>	<b>1.1000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.6966</b>	<b>1.6966</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.7103</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.4000e-004	1.9600e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5015	0.5015	1.0000e-005	1.0000e-005	0.5058
<b>Total</b>	<b>1.8000e-004</b>	<b>1.4000e-004</b>	<b>1.9600e-003</b>	<b>1.0000e-005</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>6.3000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5015</b>	<b>0.5015</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.5058</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2955					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	6.1300e-003	0.0126	2.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	1.6966	1.6966	5.5000e-004	0.0000	1.7103
<b>Total</b>	<b>0.2959</b>	<b>6.1300e-003</b>	<b>0.0126</b>	<b>2.0000e-005</b>		<b>1.1000e-004</b>	<b>1.1000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.6966</b>	<b>1.6966</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.7103</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.4000e-004	1.9600e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5015	0.5015	1.0000e-005	1.0000e-005	0.5058
<b>Total</b>	<b>1.8000e-004</b>	<b>1.4000e-004</b>	<b>1.9600e-003</b>	<b>1.0000e-005</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>6.3000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5015</b>	<b>0.5015</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.5058</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Unmitigated	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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	39.2251	39.2251	3.3100e-003	4.0000e-004	39.4274
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39.2251	39.2251	3.3100e-003	4.0000e-004	39.4274
NaturalGas Mitigated	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
NaturalGas Unmitigated	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Rail	49664.1	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
<b>Total</b>		<b>2.7000e-004</b>	<b>2.4300e-003</b>	<b>2.0400e-003</b>	<b>1.0000e-005</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.6503</b>	<b>2.6503</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>2.6660</b>

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					
Unrefrigerated Warehouse-No Rail	49664.1	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
<b>Total</b>		<b>2.7000e-004</b>	<b>2.4300e-003</b>	<b>2.0400e-003</b>	<b>1.0000e-005</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.6503</b>	<b>2.6503</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>2.6660</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**5.3 Energy by Land Use - Electricity**

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	221179	39.2251	3.3100e-003	4.0000e-004	39.4274
<b>Total</b>		<b>39.2251</b>	<b>3.3100e-003</b>	<b>4.0000e-004</b>	<b>39.4274</b>

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	221179	39.2251	3.3100e-003	4.0000e-004	39.4274
<b>Total</b>		<b>39.2251</b>	<b>3.3100e-003</b>	<b>4.0000e-004</b>	<b>39.4274</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

7091/ Allen Warehouse Project - Los Angeles-South Coast 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	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Unmitigated	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0296					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
<b>Total</b>	<b>0.2623</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2800e-003</b>	<b>2.2800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.4300e-003</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0296					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
<b>Total</b>	<b>0.2623</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2800e-003</b>	<b>2.2800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.4300e-003</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	38.7199	0.4833	0.0117	54.2850
Unmitigated	38.7199	0.4833	0.0117	54.2850

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	14.7422 / 0	38.7199	0.4833	0.0117	54.2850
<b>Total</b>		<b>38.7199</b>	<b>0.4833</b>	<b>0.0117</b>	<b>54.2850</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	14.7422 / 0	38.7199	0.4833	0.0117	54.2850
<b>Total</b>		<b>38.7199</b>	<b>0.4833</b>	<b>0.0117</b>	<b>54.2850</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.1632	0.7188	0.0000	30.1339
Unmitigated	12.1632	0.7188	0.0000	30.1339

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	59.92	12.1632	0.7188	0.0000	30.1339
<b>Total</b>		<b>12.1632</b>	<b>0.7188</b>	<b>0.0000</b>	<b>30.1339</b>

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	59.92	12.1632	0.7188	0.0000	30.1339
<b>Total</b>		<b>12.1632</b>	<b>0.7188</b>	<b>0.0000</b>	<b>30.1339</b>

**9.0 Operational Offroad**

---

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

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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**

---

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
<b>Total</b>	<b>1.7834</b>	<b>0.3843</b>	<b>3.7925</b>	<b>8.7200e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6500e-003</b>	<b>0.2482</b>		<b>896.8064</b>	<b>896.8064</b>	<b>0.0550</b>	<b>0.0342</b>	<b>908.3793</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
<b>Total</b>	<b>1.7834</b>	<b>0.3843</b>	<b>3.7925</b>	<b>8.7200e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6500e-003</b>	<b>0.2482</b>		<b>896.8064</b>	<b>896.8064</b>	<b>0.0550</b>	<b>0.0342</b>	<b>908.3793</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	
4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109	
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23	
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21	
7	Paving	Paving	9/1/2023	9/15/2023	5	11	
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Reduce Vehicle Speed on Unpaved 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	lb/day										lb/day					
Fugitive Dust					7.3827	0.0000	7.3827	1.1178	0.0000	1.1178			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>7.3827</b>	<b>0.0758</b>	<b>7.4585</b>	<b>1.1178</b>	<b>0.0698</b>	<b>1.1876</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.2 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	lb/day										lb/day					
Hauling	0.0739	4.4454	1.1865	0.0199	0.5963	0.0280	0.6244	0.1635	0.0268	0.1903		2,189.3288	2,189.3288	0.1207	0.3477	2,295.9485
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	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>0.0835</b>	<b>4.4520</b>	<b>1.2949</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0282</b>	<b>0.6581</b>	<b>0.1724</b>	<b>0.0270</b>	<b>0.1994</b>		<b>2,219.3310</b>	<b>2,219.3310</b>	<b>0.1214</b>	<b>0.3484</b>	<b>2,326.1760</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3222	0.0000	3.3222	0.5030	0.0000	0.5030			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>3.3222</b>	<b>0.0758</b>	<b>3.3980</b>	<b>0.5030</b>	<b>0.0698</b>	<b>0.5728</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.2 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	lb/day										lb/day					
Hauling	0.0739	4.4454	1.1865	0.0199	0.5963	0.0280	0.6244	0.1635	0.0268	0.1903		2,189.3288	2,189.3288	0.1207	0.3477	2,295.9485
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	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>0.0835</b>	<b>4.4520</b>	<b>1.2949</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0282</b>	<b>0.6581</b>	<b>0.1724</b>	<b>0.0270</b>	<b>0.1994</b>		<b>2,219.3310</b>	<b>2,219.3310</b>	<b>0.1214</b>	<b>0.3484</b>	<b>2,326.1760</b>

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.4 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					0.6111	0.0000	0.6111	0.0695	0.0000	0.0695			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969		2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.6111</b>	<b>0.4314</b>	<b>1.0425</b>	<b>0.0695</b>	<b>0.3969</b>	<b>0.4664</b>		<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.4 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	lb/day										lb/day					
Hauling	0.1151	6.9225	1.8477	0.0310	0.9286	0.0437	0.9723	0.2546	0.0418	0.2964		3,409.3119	3,409.3119	0.1879	0.5414	3,575.3445
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	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.1471</b>	<b>6.9448</b>	<b>2.2091</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0443</b>	<b>1.0847</b>	<b>0.2842</b>	<b>0.0424</b>	<b>0.3266</b>		<b>3,509.3194</b>	<b>3,509.3194</b>	<b>0.1904</b>	<b>0.5437</b>	<b>3,676.1028</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2750	0.0000	0.2750	0.0313	0.0000	0.0313			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969	0.0000	2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.2750</b>	<b>0.4314</b>	<b>0.7064</b>	<b>0.0313</b>	<b>0.3969</b>	<b>0.4282</b>	<b>0.0000</b>	<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.4 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	lb/day										lb/day					
Hauling	0.1151	6.9225	1.8477	0.0310	0.9286	0.0437	0.9723	0.2546	0.0418	0.2964		3,409.3119	3,409.3119	0.1879	0.5414	3,575.3445
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	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.1471</b>	<b>6.9448</b>	<b>2.2091</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0443</b>	<b>1.0847</b>	<b>0.2842</b>	<b>0.0424</b>	<b>0.3266</b>		<b>3,509.3194</b>	<b>3,509.3194</b>	<b>0.1904</b>	<b>0.5437</b>	<b>3,676.1028</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130		1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>		<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0115	0.3838	0.1487	1.8600e-003	0.0641	1.9300e-003	0.0660	0.0184	1.8500e-003	0.0203		200.2825	200.2825	6.7100e-003	0.0288	209.0311
Worker	0.0864	0.0602	0.9758	2.6700e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		270.0204	270.0204	6.8100e-003	6.2300e-003	272.0475
<b>Total</b>	<b>0.0979</b>	<b>0.4441</b>	<b>1.1245</b>	<b>4.5300e-003</b>	<b>0.3659</b>	<b>3.7500e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5200e-003</b>	<b>0.1020</b>		<b>470.3028</b>	<b>470.3028</b>	<b>0.0135</b>	<b>0.0350</b>	<b>481.0786</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130	0.0000	1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>	<b>0.0000</b>	<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0115	0.3838	0.1487	1.8600e-003	0.0641	1.9300e-003	0.0660	0.0184	1.8500e-003	0.0203		200.2825	200.2825	6.7100e-003	0.0288	209.0311
Worker	0.0864	0.0602	0.9758	2.6700e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		270.0204	270.0204	6.8100e-003	6.2300e-003	272.0475
<b>Total</b>	<b>0.0979</b>	<b>0.4441</b>	<b>1.1245</b>	<b>4.5300e-003</b>	<b>0.3659</b>	<b>3.7500e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5200e-003</b>	<b>0.1020</b>		<b>470.3028</b>	<b>470.3028</b>	<b>0.0135</b>	<b>0.0350</b>	<b>481.0786</b>

**3.6 Utility Trenching and Installation - 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	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.6 Utility Trenching and Installation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.6 Utility Trenching and Installation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.7 Landscaping - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.7 Landscaping - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753		640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>		<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.8 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.0320</b>	<b>0.0223</b>	<b>0.3614</b>	<b>9.9000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>100.0075</b>	<b>100.0075</b>	<b>2.5200e-003</b>	<b>2.3100e-003</b>	<b>100.7583</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753	0.0000	640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>	<b>0.0000</b>	<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.8 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.0320</b>	<b>0.0223</b>	<b>0.3614</b>	<b>9.9000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>100.0075</b>	<b>100.0075</b>	<b>2.5200e-003</b>	<b>2.3100e-003</b>	<b>100.7583</b>

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003		162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>		<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0112	0.1807	4.9000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		50.0038	50.0038	1.2600e-003	1.1500e-003	50.3792
<b>Total</b>	<b>0.0160</b>	<b>0.0112</b>	<b>0.1807</b>	<b>4.9000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>50.0038</b>	<b>50.0038</b>	<b>1.2600e-003</b>	<b>1.1500e-003</b>	<b>50.3792</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0112	0.1807	4.9000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		50.0038	50.0038	1.2600e-003	1.1500e-003	50.3792
<b>Total</b>	<b>0.0160</b>	<b>0.0112</b>	<b>0.1807</b>	<b>4.9000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>50.0038</b>	<b>50.0038</b>	<b>1.2600e-003</b>	<b>1.1500e-003</b>	<b>50.3792</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**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	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
Unmitigated	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029

**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					
Unrefrigerated Warehouse-No Rail	136.066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day											lb/day				
Unrefrigerated Warehouse-No Rail	0.136066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Unmitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**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**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
<b>Total</b>	<b>1.7785</b>	<b>0.4139</b>	<b>3.6834</b>	<b>8.3500e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6600e-003</b>	<b>0.2482</b>		<b>859.2880</b>	<b>859.2880</b>	<b>0.0563</b>	<b>0.0357</b>	<b>871.3284</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
<b>Total</b>	<b>1.7785</b>	<b>0.4139</b>	<b>3.6834</b>	<b>8.3500e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6600e-003</b>	<b>0.2482</b>		<b>859.2880</b>	<b>859.2880</b>	<b>0.0563</b>	<b>0.0357</b>	<b>871.3284</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	
4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109	
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23	
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21	
7	Paving	Paving	9/1/2023	9/15/2023	5	11	
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Reduce Vehicle Speed on Unpaved 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	lb/day										lb/day					
Fugitive Dust					7.3827	0.0000	7.3827	1.1178	0.0000	1.1178			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>7.3827</b>	<b>0.0758</b>	<b>7.4585</b>	<b>1.1178</b>	<b>0.0698</b>	<b>1.1876</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.2 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	lb/day										lb/day					
Hauling	0.0691	4.6413	1.2028	0.0199	0.5963	0.0281	0.6244	0.1635	0.0269	0.1904		2,191.6364	2,191.6364	0.1204	0.3480	2,298.3618
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	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0794</b>	<b>4.6487</b>	<b>1.3025</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0283</b>	<b>0.6582</b>	<b>0.1724</b>	<b>0.0271</b>	<b>0.1995</b>		<b>2,220.0570</b>	<b>2,220.0570</b>	<b>0.1212</b>	<b>0.3488</b>	<b>2,327.0219</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3222	0.0000	3.3222	0.5030	0.0000	0.5030			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>3.3222</b>	<b>0.0758</b>	<b>3.3980</b>	<b>0.5030</b>	<b>0.0698</b>	<b>0.5728</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.2 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	lb/day										lb/day					
Hauling	0.0691	4.6413	1.2028	0.0199	0.5963	0.0281	0.6244	0.1635	0.0269	0.1904		2,191.6364	2,191.6364	0.1204	0.3480	2,298.3618
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	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0794</b>	<b>4.6487</b>	<b>1.3025</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0283</b>	<b>0.6582</b>	<b>0.1724</b>	<b>0.0271</b>	<b>0.1995</b>		<b>2,220.0570</b>	<b>2,220.0570</b>	<b>0.1212</b>	<b>0.3488</b>	<b>2,327.0219</b>

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.4 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					0.6111	0.0000	0.6111	0.0695	0.0000	0.0695			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969		2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.6111</b>	<b>0.4314</b>	<b>1.0425</b>	<b>0.0695</b>	<b>0.3969</b>	<b>0.4664</b>		<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.4 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	lb/day										lb/day					
Hauling	0.1076	7.2277	1.8731	0.0311	0.9286	0.0438	0.9724	0.2546	0.0419	0.2965		3,412.9055	3,412.9055	0.1875	0.5420	3,579.1025
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	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.1420</b>	<b>7.2523</b>	<b>2.2053</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0445</b>	<b>1.0848</b>	<b>0.2842</b>	<b>0.0425</b>	<b>0.3267</b>		<b>3,507.6408</b>	<b>3,507.6408</b>	<b>0.1901</b>	<b>0.5445</b>	<b>3,674.6364</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2750	0.0000	0.2750	0.0313	0.0000	0.0313			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969	0.0000	2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.2750</b>	<b>0.4314</b>	<b>0.7064</b>	<b>0.0313</b>	<b>0.3969</b>	<b>0.4282</b>	<b>0.0000</b>	<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.4 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	lb/day										lb/day					
Hauling	0.1076	7.2277	1.8731	0.0311	0.9286	0.0438	0.9724	0.2546	0.0419	0.2965		3,412.9055	3,412.9055	0.1875	0.5420	3,579.1025
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	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.1420</b>	<b>7.2523</b>	<b>2.2053</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0445</b>	<b>1.0848</b>	<b>0.2842</b>	<b>0.0425</b>	<b>0.3267</b>		<b>3,507.6408</b>	<b>3,507.6408</b>	<b>0.1901</b>	<b>0.5445</b>	<b>3,674.6364</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130		1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>		<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0111	0.4019	0.1534	1.8600e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		200.6203	200.6203	6.6800e-003	0.0289	209.3911
Worker	0.0928	0.0665	0.8969	2.5300e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		255.7855	255.7855	6.9000e-003	6.6600e-003	257.9415
<b>Total</b>	<b>0.1040</b>	<b>0.4684</b>	<b>1.0503</b>	<b>4.3900e-003</b>	<b>0.3659</b>	<b>3.7600e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5300e-003</b>	<b>0.1020</b>		<b>456.4058</b>	<b>456.4058</b>	<b>0.0136</b>	<b>0.0355</b>	<b>467.3326</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130	0.0000	1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>	<b>0.0000</b>	<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0111	0.4019	0.1534	1.8600e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		200.6203	200.6203	6.6800e-003	0.0289	209.3911
Worker	0.0928	0.0665	0.8969	2.5300e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		255.7855	255.7855	6.9000e-003	6.6600e-003	257.9415
<b>Total</b>	<b>0.1040</b>	<b>0.4684</b>	<b>1.0503</b>	<b>4.3900e-003</b>	<b>0.3659</b>	<b>3.7600e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5300e-003</b>	<b>0.1020</b>		<b>456.4058</b>	<b>456.4058</b>	<b>0.0136</b>	<b>0.0355</b>	<b>467.3326</b>

**3.6 Utility Trenching and Installation - 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	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.6 Utility Trenching and Installation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.6 Utility Trenching and Installation - 2023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.7 Landscaping - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.7 Landscaping - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753		640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>		<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.8 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.0344</b>	<b>0.0246</b>	<b>0.3322</b>	<b>9.4000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>94.7354</b>	<b>94.7354</b>	<b>2.5600e-003</b>	<b>2.4700e-003</b>	<b>95.5339</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753	0.0000	640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>	<b>0.0000</b>	<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.8 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.0344</b>	<b>0.0246</b>	<b>0.3322</b>	<b>9.4000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>94.7354</b>	<b>94.7354</b>	<b>2.5600e-003</b>	<b>2.4700e-003</b>	<b>95.5339</b>

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003		162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>		<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0123	0.1661	4.7000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		47.3677	47.3677	1.2800e-003	1.2300e-003	47.7670
<b>Total</b>	<b>0.0172</b>	<b>0.0123</b>	<b>0.1661</b>	<b>4.7000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>47.3677</b>	<b>47.3677</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>47.7670</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0123	0.1661	4.7000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		47.3677	47.3677	1.2800e-003	1.2300e-003	47.7670
<b>Total</b>	<b>0.0172</b>	<b>0.0123</b>	<b>0.1661</b>	<b>4.7000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>47.3677</b>	<b>47.3677</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>47.7670</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**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	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
Unmitigated	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029

**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					
Unrefrigerated Warehouse-No Rail	136.066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

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

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day											lb/day				
Unrefrigerated Warehouse-No Rail	0.136066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Unmitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

---

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

**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**

---

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---





7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
<b>Total</b>	<b>1.7834</b>	<b>0.3843</b>	<b>3.7925</b>	<b>8.7200e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6500e-003</b>	<b>0.2482</b>		<b>896.8064</b>	<b>896.8064</b>	<b>0.0550</b>	<b>0.0342</b>	<b>908.3793</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
<b>Total</b>	<b>1.7834</b>	<b>0.3843</b>	<b>3.7925</b>	<b>8.7200e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6500e-003</b>	<b>0.2482</b>		<b>896.8064</b>	<b>896.8064</b>	<b>0.0550</b>	<b>0.0342</b>	<b>908.3793</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	
4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109	
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23	
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21	
7	Paving	Paving	9/1/2023	9/15/2023	5	11	
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

Reduce Vehicle Speed on Unpaved 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	lb/day										lb/day					
Fugitive Dust					7.3827	0.0000	7.3827	1.1178	0.0000	1.1178			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>7.3827</b>	<b>0.0758</b>	<b>7.4585</b>	<b>1.1178</b>	<b>0.0698</b>	<b>1.1876</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.2 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	lb/day										lb/day					
Hauling	0.0739	4.4454	1.1865	0.0199	0.5963	0.0280	0.6244	0.1635	0.0268	0.1903		2,189.3288	2,189.3288	0.1207	0.3477	2,295.9485
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	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>0.0835</b>	<b>4.4520</b>	<b>1.2949</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0282</b>	<b>0.6581</b>	<b>0.1724</b>	<b>0.0270</b>	<b>0.1994</b>		<b>2,219.3310</b>	<b>2,219.3310</b>	<b>0.1214</b>	<b>0.3484</b>	<b>2,326.1760</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3222	0.0000	3.3222	0.5030	0.0000	0.5030			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>3.3222</b>	<b>0.0758</b>	<b>3.3980</b>	<b>0.5030</b>	<b>0.0698</b>	<b>0.5728</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.2 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	lb/day										lb/day					
Hauling	0.0739	4.4454	1.1865	0.0199	0.5963	0.0280	0.6244	0.1635	0.0268	0.1903		2,189.3288	2,189.3288	0.1207	0.3477	2,295.9485
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	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>0.0835</b>	<b>4.4520</b>	<b>1.2949</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0282</b>	<b>0.6581</b>	<b>0.1724</b>	<b>0.0270</b>	<b>0.1994</b>		<b>2,219.3310</b>	<b>2,219.3310</b>	<b>0.1214</b>	<b>0.3484</b>	<b>2,326.1760</b>

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.4 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					0.6111	0.0000	0.6111	0.0695	0.0000	0.0695			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969		2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.6111</b>	<b>0.4314</b>	<b>1.0425</b>	<b>0.0695</b>	<b>0.3969</b>	<b>0.4664</b>		<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.4 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	lb/day										lb/day					
Hauling	0.1151	6.9225	1.8477	0.0310	0.9286	0.0437	0.9723	0.2546	0.0418	0.2964		3,409.3119	3,409.3119	0.1879	0.5414	3,575.3445
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	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.1471</b>	<b>6.9448</b>	<b>2.2091</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0443</b>	<b>1.0847</b>	<b>0.2842</b>	<b>0.0424</b>	<b>0.3266</b>		<b>3,509.3194</b>	<b>3,509.3194</b>	<b>0.1904</b>	<b>0.5437</b>	<b>3,676.1028</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2750	0.0000	0.2750	0.0313	0.0000	0.0313			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969	0.0000	2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.2750</b>	<b>0.4314</b>	<b>0.7064</b>	<b>0.0313</b>	<b>0.3969</b>	<b>0.4282</b>	<b>0.0000</b>	<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.4 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	lb/day										lb/day					
Hauling	0.1151	6.9225	1.8477	0.0310	0.9286	0.0437	0.9723	0.2546	0.0418	0.2964		3,409.3119	3,409.3119	0.1879	0.5414	3,575.3445
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	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.1471</b>	<b>6.9448</b>	<b>2.2091</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0443</b>	<b>1.0847</b>	<b>0.2842</b>	<b>0.0424</b>	<b>0.3266</b>		<b>3,509.3194</b>	<b>3,509.3194</b>	<b>0.1904</b>	<b>0.5437</b>	<b>3,676.1028</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130		1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>		<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0115	0.3838	0.1487	1.8600e-003	0.0641	1.9300e-003	0.0660	0.0184	1.8500e-003	0.0203		200.2825	200.2825	6.7100e-003	0.0288	209.0311
Worker	0.0864	0.0602	0.9758	2.6700e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		270.0204	270.0204	6.8100e-003	6.2300e-003	272.0475
<b>Total</b>	<b>0.0979</b>	<b>0.4441</b>	<b>1.1245</b>	<b>4.5300e-003</b>	<b>0.3659</b>	<b>3.7500e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5200e-003</b>	<b>0.1020</b>		<b>470.3028</b>	<b>470.3028</b>	<b>0.0135</b>	<b>0.0350</b>	<b>481.0786</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130	0.0000	1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>	<b>0.0000</b>	<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0115	0.3838	0.1487	1.8600e-003	0.0641	1.9300e-003	0.0660	0.0184	1.8500e-003	0.0203		200.2825	200.2825	6.7100e-003	0.0288	209.0311
Worker	0.0864	0.0602	0.9758	2.6700e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		270.0204	270.0204	6.8100e-003	6.2300e-003	272.0475
<b>Total</b>	<b>0.0979</b>	<b>0.4441</b>	<b>1.1245</b>	<b>4.5300e-003</b>	<b>0.3659</b>	<b>3.7500e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5200e-003</b>	<b>0.1020</b>		<b>470.3028</b>	<b>470.3028</b>	<b>0.0135</b>	<b>0.0350</b>	<b>481.0786</b>

**3.6 Utility Trenching and Installation - 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	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.6 Utility Trenching and Installation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.6 Utility Trenching and Installation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.7 Landscaping - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.7 Landscaping - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	6.6900e-003	0.1084	3.0000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		30.0023	30.0023	7.6000e-004	6.9000e-004	30.2275
<b>Total</b>	<b>9.6000e-003</b>	<b>6.6900e-003</b>	<b>0.1084</b>	<b>3.0000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>30.0023</b>	<b>30.0023</b>	<b>7.6000e-004</b>	<b>6.9000e-004</b>	<b>30.2275</b>

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753		640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>		<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.8 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.0320</b>	<b>0.0223</b>	<b>0.3614</b>	<b>9.9000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>100.0075</b>	<b>100.0075</b>	<b>2.5200e-003</b>	<b>2.3100e-003</b>	<b>100.7583</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753	0.0000	640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>	<b>0.0000</b>	<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.8 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0320	0.0223	0.3614	9.9000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		100.0075	100.0075	2.5200e-003	2.3100e-003	100.7583
<b>Total</b>	<b>0.0320</b>	<b>0.0223</b>	<b>0.3614</b>	<b>9.9000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>100.0075</b>	<b>100.0075</b>	<b>2.5200e-003</b>	<b>2.3100e-003</b>	<b>100.7583</b>

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003		162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>		<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0112	0.1807	4.9000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		50.0038	50.0038	1.2600e-003	1.1500e-003	50.3792
<b>Total</b>	<b>0.0160</b>	<b>0.0112</b>	<b>0.1807</b>	<b>4.9000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>50.0038</b>	<b>50.0038</b>	<b>1.2600e-003</b>	<b>1.1500e-003</b>	<b>50.3792</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0160	0.0112	0.1807	4.9000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		50.0038	50.0038	1.2600e-003	1.1500e-003	50.3792
<b>Total</b>	<b>0.0160</b>	<b>0.0112</b>	<b>0.1807</b>	<b>4.9000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>50.0038</b>	<b>50.0038</b>	<b>1.2600e-003</b>	<b>1.1500e-003</b>	<b>50.3792</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**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	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550
Unmitigated	0.3445	0.3709	3.7719	8.6400e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6100e-003	0.2471		880.7785	880.7785	0.0547	0.0339	892.2550

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029

**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					
Unrefrigerated Warehouse-No Rail	136.066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day											lb/day				
Unrefrigerated Warehouse-No Rail	0.136066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Unmitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Summer

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

**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**

---

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
<b>Total</b>	<b>1.7785</b>	<b>0.4139</b>	<b>3.6834</b>	<b>8.3500e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6600e-003</b>	<b>0.2482</b>		<b>859.2880</b>	<b>859.2880</b>	<b>0.0563</b>	<b>0.0357</b>	<b>871.3284</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
Mobile	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
<b>Total</b>	<b>1.7785</b>	<b>0.4139</b>	<b>3.6834</b>	<b>8.3500e-003</b>	<b>0.9067</b>	<b>7.0900e-003</b>	<b>0.9138</b>	<b>0.2415</b>	<b>6.6600e-003</b>	<b>0.2482</b>		<b>859.2880</b>	<b>859.2880</b>	<b>0.0563</b>	<b>0.0357</b>	<b>871.3284</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	
4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109	
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23	
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21	
7	Paving	Paving	9/1/2023	9/15/2023	5	11	
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

Reduce Vehicle Speed on Unpaved 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	lb/day										lb/day					
Fugitive Dust					7.3827	0.0000	7.3827	1.1178	0.0000	1.1178			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>7.3827</b>	<b>0.0758</b>	<b>7.4585</b>	<b>1.1178</b>	<b>0.0698</b>	<b>1.1876</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.2 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	lb/day										lb/day					
Hauling	0.0691	4.6413	1.2028	0.0199	0.5963	0.0281	0.6244	0.1635	0.0269	0.1904		2,191.6364	2,191.6364	0.1204	0.3480	2,298.3618
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	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0794</b>	<b>4.6487</b>	<b>1.3025</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0283</b>	<b>0.6582</b>	<b>0.1724</b>	<b>0.0271</b>	<b>0.1995</b>		<b>2,220.0570</b>	<b>2,220.0570</b>	<b>0.1212</b>	<b>0.3488</b>	<b>2,327.0219</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3222	0.0000	3.3222	0.5030	0.0000	0.5030			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>3.3222</b>	<b>0.0758</b>	<b>3.3980</b>	<b>0.5030</b>	<b>0.0698</b>	<b>0.5728</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.2 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	lb/day										lb/day					
Hauling	0.0691	4.6413	1.2028	0.0199	0.5963	0.0281	0.6244	0.1635	0.0269	0.1904		2,191.6364	2,191.6364	0.1204	0.3480	2,298.3618
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	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0794</b>	<b>4.6487</b>	<b>1.3025</b>	<b>0.0202</b>	<b>0.6298</b>	<b>0.0283</b>	<b>0.6582</b>	<b>0.1724</b>	<b>0.0271</b>	<b>0.1995</b>		<b>2,220.0570</b>	<b>2,220.0570</b>	<b>0.1212</b>	<b>0.3488</b>	<b>2,327.0219</b>

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.4 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					0.6111	0.0000	0.6111	0.0695	0.0000	0.0695			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969		2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.6111</b>	<b>0.4314</b>	<b>1.0425</b>	<b>0.0695</b>	<b>0.3969</b>	<b>0.4664</b>		<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.4 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	lb/day										lb/day					
Hauling	0.1076	7.2277	1.8731	0.0311	0.9286	0.0438	0.9724	0.2546	0.0419	0.2965		3,412.9055	3,412.9055	0.1875	0.5420	3,579.1025
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	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.1420</b>	<b>7.2523</b>	<b>2.2053</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0445</b>	<b>1.0848</b>	<b>0.2842</b>	<b>0.0425</b>	<b>0.3267</b>		<b>3,507.6408</b>	<b>3,507.6408</b>	<b>0.1901</b>	<b>0.5445</b>	<b>3,674.6364</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2750	0.0000	0.2750	0.0313	0.0000	0.0313			0.0000			0.0000
Off-Road	1.2274	11.3052	10.4702	0.0281		0.4314	0.4314		0.3969	0.3969	0.0000	2,722.4258	2,722.4258	0.8805		2,744.4380
<b>Total</b>	<b>1.2274</b>	<b>11.3052</b>	<b>10.4702</b>	<b>0.0281</b>	<b>0.2750</b>	<b>0.4314</b>	<b>0.7064</b>	<b>0.0313</b>	<b>0.3969</b>	<b>0.4282</b>	<b>0.0000</b>	<b>2,722.4258</b>	<b>2,722.4258</b>	<b>0.8805</b>		<b>2,744.4380</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.4 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	lb/day										lb/day					
Hauling	0.1076	7.2277	1.8731	0.0311	0.9286	0.0438	0.9724	0.2546	0.0419	0.2965		3,412.9055	3,412.9055	0.1875	0.5420	3,579.1025
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	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.1420</b>	<b>7.2523</b>	<b>2.2053</b>	<b>0.0320</b>	<b>1.0404</b>	<b>0.0445</b>	<b>1.0848</b>	<b>0.2842</b>	<b>0.0425</b>	<b>0.3267</b>		<b>3,507.6408</b>	<b>3,507.6408</b>	<b>0.1901</b>	<b>0.5445</b>	<b>3,674.6364</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130		1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>		<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0111	0.4019	0.1534	1.8600e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		200.6203	200.6203	6.6800e-003	0.0289	209.3911
Worker	0.0928	0.0665	0.8969	2.5300e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		255.7855	255.7855	6.9000e-003	6.6600e-003	257.9415
<b>Total</b>	<b>0.1040</b>	<b>0.4684</b>	<b>1.0503</b>	<b>4.3900e-003</b>	<b>0.3659</b>	<b>3.7600e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5300e-003</b>	<b>0.1020</b>		<b>456.4058</b>	<b>456.4058</b>	<b>0.0136</b>	<b>0.0355</b>	<b>467.3326</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7915	7.2076	5.3575	0.0117		0.3352	0.3352		0.3130	0.3130	0.0000	1,056.9462	1,056.9462	0.2975		1,064.3828
<b>Total</b>	<b>0.7915</b>	<b>7.2076</b>	<b>5.3575</b>	<b>0.0117</b>		<b>0.3352</b>	<b>0.3352</b>		<b>0.3130</b>	<b>0.3130</b>	<b>0.0000</b>	<b>1,056.9462</b>	<b>1,056.9462</b>	<b>0.2975</b>		<b>1,064.3828</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0111	0.4019	0.1534	1.8600e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		200.6203	200.6203	6.6800e-003	0.0289	209.3911
Worker	0.0928	0.0665	0.8969	2.5300e-003	0.3018	1.8200e-003	0.3036	0.0800	1.6700e-003	0.0817		255.7855	255.7855	6.9000e-003	6.6600e-003	257.9415
<b>Total</b>	<b>0.1040</b>	<b>0.4684</b>	<b>1.0503</b>	<b>4.3900e-003</b>	<b>0.3659</b>	<b>3.7600e-003</b>	<b>0.3696</b>	<b>0.0985</b>	<b>3.5300e-003</b>	<b>0.1020</b>		<b>456.4058</b>	<b>456.4058</b>	<b>0.0136</b>	<b>0.0355</b>	<b>467.3326</b>

**3.6 Utility Trenching and Installation - 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	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.6 Utility Trenching and Installation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>		<b>0.0758</b>	<b>0.0758</b>		<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.6 Utility Trenching and Installation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698		301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>		<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.7 Landscaping - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1514	1.5357	2.2313	3.1200e-003		0.0758	0.0758		0.0698	0.0698	0.0000	301.5765	301.5765	0.0975		304.0149
<b>Total</b>	<b>0.1514</b>	<b>1.5357</b>	<b>2.2313</b>	<b>3.1200e-003</b>	<b>0.0000</b>	<b>0.0758</b>	<b>0.0758</b>	<b>0.0000</b>	<b>0.0698</b>	<b>0.0698</b>	<b>0.0000</b>	<b>301.5765</b>	<b>301.5765</b>	<b>0.0975</b>		<b>304.0149</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.7 Landscaping - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.3900e-003	0.0997	2.8000e-004	0.0335	2.0000e-004	0.0337	8.8900e-003	1.9000e-004	9.0800e-003		28.4206	28.4206	7.7000e-004	7.4000e-004	28.6602
<b>Total</b>	<b>0.0103</b>	<b>7.3900e-003</b>	<b>0.0997</b>	<b>2.8000e-004</b>	<b>0.0335</b>	<b>2.0000e-004</b>	<b>0.0337</b>	<b>8.8900e-003</b>	<b>1.9000e-004</b>	<b>9.0800e-003</b>		<b>28.4206</b>	<b>28.4206</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>28.6602</b>

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753		640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>		<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.8 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.0344</b>	<b>0.0246</b>	<b>0.3322</b>	<b>9.4000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>94.7354</b>	<b>94.7354</b>	<b>2.5600e-003</b>	<b>2.4700e-003</b>	<b>95.5339</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4039	3.7653	4.6024	6.9400e-003		0.1885	0.1885		0.1753	0.1753	0.0000	640.6799	640.6799	0.1885		645.3935
Paving	0.1786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5826</b>	<b>3.7653</b>	<b>4.6024</b>	<b>6.9400e-003</b>		<b>0.1885</b>	<b>0.1885</b>		<b>0.1753</b>	<b>0.1753</b>	<b>0.0000</b>	<b>640.6799</b>	<b>640.6799</b>	<b>0.1885</b>		<b>645.3935</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.8 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0344	0.0246	0.3322	9.4000e-004	0.1118	6.7000e-004	0.1125	0.0296	6.2000e-004	0.0303		94.7354	94.7354	2.5600e-003	2.4700e-003	95.5339
<b>Total</b>	<b>0.0344</b>	<b>0.0246</b>	<b>0.3322</b>	<b>9.4000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1125</b>	<b>0.0296</b>	<b>6.2000e-004</b>	<b>0.0303</b>		<b>94.7354</b>	<b>94.7354</b>	<b>2.5600e-003</b>	<b>2.4700e-003</b>	<b>95.5339</b>

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003		162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>		<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0123	0.1661	4.7000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		47.3677	47.3677	1.2800e-003	1.2300e-003	47.7670
<b>Total</b>	<b>0.0172</b>	<b>0.0123</b>	<b>0.1661</b>	<b>4.7000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>47.3677</b>	<b>47.3677</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>47.7670</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	25.6938					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0346	0.5332	1.0920	1.6800e-003		9.2100e-003	9.2100e-003		8.4700e-003	8.4700e-003	0.0000	162.6199	162.6199	0.0526		163.9347
<b>Total</b>	<b>25.7284</b>	<b>0.5332</b>	<b>1.0920</b>	<b>1.6800e-003</b>		<b>9.2100e-003</b>	<b>9.2100e-003</b>		<b>8.4700e-003</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>162.6199</b>	<b>162.6199</b>	<b>0.0526</b>		<b>163.9347</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0172	0.0123	0.1661	4.7000e-004	0.0559	3.4000e-004	0.0562	0.0148	3.1000e-004	0.0151		47.3677	47.3677	1.2800e-003	1.2300e-003	47.7670
<b>Total</b>	<b>0.0172</b>	<b>0.0123</b>	<b>0.1661</b>	<b>4.7000e-004</b>	<b>0.0559</b>	<b>3.4000e-004</b>	<b>0.0562</b>	<b>0.0148</b>	<b>3.1000e-004</b>	<b>0.0151</b>		<b>47.3677</b>	<b>47.3677</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>47.7670</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**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	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041
Unmitigated	0.3397	0.4005	3.6628	8.2700e-003	0.9067	6.0500e-003	0.9127	0.2415	5.6200e-003	0.2471		843.2601	843.2601	0.0559	0.0354	855.2041

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029

**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					
Unrefrigerated Warehouse-No Rail	136.066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

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

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day											lb/day				
Unrefrigerated Warehouse-No Rail	0.136066	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003		16.0078	16.0078	3.1000e-004	2.9000e-004	16.1029
<b>Total</b>		<b>1.4700e-003</b>	<b>0.0133</b>	<b>0.0112</b>	<b>8.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>16.0078</b>	<b>16.0078</b>	<b>3.1000e-004</b>	<b>2.9000e-004</b>	<b>16.1029</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
Unmitigated	1.4374	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.6000e-004	8.0000e-005	9.3500e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0201	0.0201	5.0000e-005		0.0214
<b>Total</b>	<b>1.4374</b>	<b>8.0000e-005</b>	<b>9.3500e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0201</b>	<b>0.0201</b>	<b>5.0000e-005</b>		<b>0.0214</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Winter

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

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

---

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

**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**

---

---

**APPENDIX B2**

**CalEEMod INPUT AND RESULTS FOR GREENHOUSE GAS  
EMISSIONS ANALYSIS**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**7091/ Allen Warehouse Project  
Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	57.75	1000sqft	1.33	57,749.00	0
Parking Lot	27.53	1000sqft	0.63	27,532.00	0
City Park	0.36	Acre	0.36	15,709.00	0
General Office Building	6.00	1000sqft	0.14	6,000.00	0
Other Asphalt Surfaces	0.12	Acre	0.12	5,227.20	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

- Project Characteristics -
- Land Use - Total project site area
- Construction Phase - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data
- Off-road Equipment - Client sent data

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Off-road Equipment - Client sent data

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	NumDays	3.00	21.00
tblGrading	MaterialExported	0.00	5,813.00
tblGrading	MaterialImported	0.00	8,491.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

**2.0 Emissions Summary**

---



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2023	3-31-2023	0.3467	0.3467
2	4-1-2023	6-30-2023	0.2776	0.2776
3	7-1-2023	9-30-2023	0.1553	0.1553
		Highest	0.3467	0.3467

**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	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Energy	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	41.8753	41.8753	3.3600e-003	4.5000e-004	42.0934
Mobile	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Waste						0.0000	0.0000		0.0000	0.0000	12.1632	0.0000	12.1632	0.7188	0.0000	30.1339
Water						0.0000	0.0000		0.0000	0.0000	4.6770	34.0429	38.7199	0.4833	0.0117	54.2850
<b>Total</b>	<b>0.3235</b>	<b>0.0765</b>	<b>0.6769</b>	<b>1.5300e-003</b>	<b>0.1618</b>	<b>1.2900e-003</b>	<b>0.1631</b>	<b>0.0432</b>	<b>1.2100e-003</b>	<b>0.0444</b>	<b>16.8402</b>	<b>216.6415</b>	<b>233.4818</b>	<b>1.2146</b>	<b>0.0180</b>	<b>269.2196</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Energy	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	41.8753	41.8753	3.3600e-003	4.5000e-004	42.0934
Mobile	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Waste						0.0000	0.0000		0.0000	0.0000	12.1632	0.0000	12.1632	0.7188	0.0000	30.1339
Water						0.0000	0.0000		0.0000	0.0000	4.6770	34.0429	38.7199	0.4833	0.0117	54.2850
<b>Total</b>	<b>0.3235</b>	<b>0.0765</b>	<b>0.6769</b>	<b>1.5300e-003</b>	<b>0.1618</b>	<b>1.2900e-003</b>	<b>0.1631</b>	<b>0.0432</b>	<b>1.2100e-003</b>	<b>0.0444</b>	<b>16.8402</b>	<b>216.6415</b>	<b>233.4818</b>	<b>1.2146</b>	<b>0.0180</b>	<b>269.2196</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/20/2023	5	15	
2	Site Preparation	Site Preparation	1/21/2023	1/31/2023	5	7	
3	Grading	Grading	2/1/2023	2/28/2023	5	20	

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

4	Building Construction	Building Construction	3/1/2023	7/31/2023	5	109
5	Utility Trenching and Installation	Trenching	8/1/2023	8/31/2023	5	23
6	Landscaping	Site Preparation	9/1/2023	9/30/2023	5	21
7	Paving	Paving	9/1/2023	9/15/2023	5	11
8	Architectural Coating	Architectural Coating	10/1/2023	11/1/2023	5	23

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0.75**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 95,624; Non-Residential Outdoor: 31,875; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Off-Highway Trucks	1	8.00	402	0.38
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	4	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Utility Trenching and Installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscaping	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

Architectural Coating	Aerial Lifts	1	8.00	63	0.31
-----------------------	--------------	---	------	----	------

**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	1	3.00	0.00	511.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,061.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utility Trenching and Installation	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	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

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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					
Fugitive Dust					0.0554	0.0000	0.0554	8.3800e-003	0.0000	8.3800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1400e-003	0.0115	0.0167	2.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.0519	2.0519	6.6000e-004	0.0000	2.0685
<b>Total</b>	<b>1.1400e-003</b>	<b>0.0115</b>	<b>0.0167</b>	<b>2.0000e-005</b>	<b>0.0554</b>	<b>5.7000e-004</b>	<b>0.0559</b>	<b>8.3800e-003</b>	<b>5.2000e-004</b>	<b>8.9000e-003</b>	<b>0.0000</b>	<b>2.0519</b>	<b>2.0519</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.0685</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0351	8.9500e-003	1.5000e-004	4.4000e-003	2.1000e-004	4.6100e-003	1.2100e-003	2.0000e-004	1.4100e-003	0.0000	14.9025	14.9025	8.2000e-004	2.3700e-003	15.6283
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	7.0000e-005	6.0000e-005	7.7000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1963	0.1963	1.0000e-005	1.0000e-005	0.1979
<b>Total</b>	<b>6.1000e-004</b>	<b>0.0352</b>	<b>9.7200e-003</b>	<b>1.5000e-004</b>	<b>4.6500e-003</b>	<b>2.1000e-004</b>	<b>4.8600e-003</b>	<b>1.2800e-003</b>	<b>2.0000e-004</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>15.0988</b>	<b>15.0988</b>	<b>8.3000e-004</b>	<b>2.3800e-003</b>	<b>15.8262</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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					
Fugitive Dust					0.0249	0.0000	0.0249	3.7700e-003	0.0000	3.7700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1400e-003	0.0115	0.0167	2.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.0519	2.0519	6.6000e-004	0.0000	2.0685
<b>Total</b>	<b>1.1400e-003</b>	<b>0.0115</b>	<b>0.0167</b>	<b>2.0000e-005</b>	<b>0.0249</b>	<b>5.7000e-004</b>	<b>0.0255</b>	<b>3.7700e-003</b>	<b>5.2000e-004</b>	<b>4.2900e-003</b>	<b>0.0000</b>	<b>2.0519</b>	<b>2.0519</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.0685</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0351	8.9500e-003	1.5000e-004	4.4000e-003	2.1000e-004	4.6100e-003	1.2100e-003	2.0000e-004	1.4100e-003	0.0000	14.9025	14.9025	8.2000e-004	2.3700e-003	15.6283
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	7.0000e-005	6.0000e-005	7.7000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1963	0.1963	1.0000e-005	1.0000e-005	0.1979
<b>Total</b>	<b>6.1000e-004</b>	<b>0.0352</b>	<b>9.7200e-003</b>	<b>1.5000e-004</b>	<b>4.6500e-003</b>	<b>2.1000e-004</b>	<b>4.8600e-003</b>	<b>1.2800e-003</b>	<b>2.0000e-004</b>	<b>1.4800e-003</b>	<b>0.0000</b>	<b>15.0988</b>	<b>15.0988</b>	<b>8.3000e-004</b>	<b>2.3800e-003</b>	<b>15.8262</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.3 Site Preparation - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	5.3700e-003	7.8100e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.4000e-004	2.4000e-004	0.0000	0.9576	0.9576	3.1000e-004	0.0000	0.9653
<b>Total</b>	<b>5.3000e-004</b>	<b>5.3700e-003</b>	<b>7.8100e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.9576</b>	<b>0.9576</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.9653</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.6000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0916	0.0916	0.0000	0.0000	0.0924
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0916</b>	<b>0.0916</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0924</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.3 Site Preparation - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	5.3700e-003	7.8100e-003	1.0000e-005		2.7000e-004	2.7000e-004		2.4000e-004	2.4000e-004	0.0000	0.9576	0.9576	3.1000e-004	0.0000	0.9653
<b>Total</b>	<b>5.3000e-004</b>	<b>5.3700e-003</b>	<b>7.8100e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.9576</b>	<b>0.9576</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.9653</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.6000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0916	0.0916	0.0000	0.0000	0.0924
<b>Total</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0916</b>	<b>0.0916</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0924</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.4 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					6.1100e-003	0.0000	6.1100e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1131	0.1047	2.8000e-004		4.3100e-003	4.3100e-003		3.9700e-003	3.9700e-003	0.0000	24.6974	24.6974	7.9900e-003	0.0000	24.8971
<b>Total</b>	<b>0.0123</b>	<b>0.1131</b>	<b>0.1047</b>	<b>2.8000e-004</b>	<b>6.1100e-003</b>	<b>4.3100e-003</b>	<b>0.0104</b>	<b>7.0000e-004</b>	<b>3.9700e-003</b>	<b>4.6700e-003</b>	<b>0.0000</b>	<b>24.6974</b>	<b>24.6974</b>	<b>7.9900e-003</b>	<b>0.0000</b>	<b>24.8971</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1200e-003	0.0730	0.0186	3.1000e-004	9.1300e-003	4.4000e-004	9.5600e-003	2.5100e-003	4.2000e-004	2.9300e-003	0.0000	30.9424	30.9424	1.7000e-003	4.9100e-003	32.4493
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	3.2000e-004	2.5000e-004	3.4100e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.8722	0.8722	2.0000e-005	2.0000e-005	0.8796
<b>Total</b>	<b>1.4400e-003</b>	<b>0.0732</b>	<b>0.0220</b>	<b>3.2000e-004</b>	<b>0.0102</b>	<b>4.5000e-004</b>	<b>0.0107</b>	<b>2.8000e-003</b>	<b>4.3000e-004</b>	<b>3.2300e-003</b>	<b>0.0000</b>	<b>31.8147</b>	<b>31.8147</b>	<b>1.7200e-003</b>	<b>4.9300e-003</b>	<b>33.3289</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.4 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	tons/yr										MT/yr					
Fugitive Dust					2.7500e-003	0.0000	2.7500e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1131	0.1047	2.8000e-004		4.3100e-003	4.3100e-003		3.9700e-003	3.9700e-003	0.0000	24.6974	24.6974	7.9900e-003	0.0000	24.8971
<b>Total</b>	<b>0.0123</b>	<b>0.1131</b>	<b>0.1047</b>	<b>2.8000e-004</b>	<b>2.7500e-003</b>	<b>4.3100e-003</b>	<b>7.0600e-003</b>	<b>3.1000e-004</b>	<b>3.9700e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>24.6974</b>	<b>24.6974</b>	<b>7.9900e-003</b>	<b>0.0000</b>	<b>24.8971</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1200e-003	0.0730	0.0186	3.1000e-004	9.1300e-003	4.4000e-004	9.5600e-003	2.5100e-003	4.2000e-004	2.9300e-003	0.0000	30.9424	30.9424	1.7000e-003	4.9100e-003	32.4493
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	3.2000e-004	2.5000e-004	3.4100e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.8722	0.8722	2.0000e-005	2.0000e-005	0.8796
<b>Total</b>	<b>1.4400e-003</b>	<b>0.0732</b>	<b>0.0220</b>	<b>3.2000e-004</b>	<b>0.0102</b>	<b>4.5000e-004</b>	<b>0.0107</b>	<b>2.8000e-003</b>	<b>4.3000e-004</b>	<b>3.2300e-003</b>	<b>0.0000</b>	<b>31.8147</b>	<b>31.8147</b>	<b>1.7200e-003</b>	<b>4.9300e-003</b>	<b>33.3289</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.3928	0.2920	6.4000e-004		0.0183	0.0183		0.0171	0.0171	0.0000	52.2571	52.2571	0.0147	0.0000	52.6248
<b>Total</b>	<b>0.0431</b>	<b>0.3928</b>	<b>0.2920</b>	<b>6.4000e-004</b>		<b>0.0183</b>	<b>0.0183</b>		<b>0.0171</b>	<b>0.0171</b>	<b>0.0000</b>	<b>52.2571</b>	<b>52.2571</b>	<b>0.0147</b>	<b>0.0000</b>	<b>52.6248</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0220	8.2200e-003	1.0000e-004	3.4300e-003	1.1000e-004	3.5400e-003	9.9000e-004	1.0000e-004	1.0900e-003	0.0000	9.9093	9.9093	3.3000e-004	1.4300e-003	10.3426
Worker	4.6700e-003	3.7100e-003	0.0501	1.4000e-004	0.0161	1.0000e-004	0.0162	4.2800e-003	9.0000e-005	4.3700e-003	0.0000	12.8351	12.8351	3.4000e-004	3.3000e-004	12.9432
<b>Total</b>	<b>5.2900e-003</b>	<b>0.0257</b>	<b>0.0584</b>	<b>2.4000e-004</b>	<b>0.0196</b>	<b>2.1000e-004</b>	<b>0.0198</b>	<b>5.2700e-003</b>	<b>1.9000e-004</b>	<b>5.4600e-003</b>	<b>0.0000</b>	<b>22.7444</b>	<b>22.7444</b>	<b>6.7000e-004</b>	<b>1.7600e-003</b>	<b>23.2857</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.5 Building Construction - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.3928	0.2920	6.4000e-004		0.0183	0.0183		0.0171	0.0171	0.0000	52.2570	52.2570	0.0147	0.0000	52.6247
<b>Total</b>	<b>0.0431</b>	<b>0.3928</b>	<b>0.2920</b>	<b>6.4000e-004</b>		<b>0.0183</b>	<b>0.0183</b>		<b>0.0171</b>	<b>0.0171</b>	<b>0.0000</b>	<b>52.2570</b>	<b>52.2570</b>	<b>0.0147</b>	<b>0.0000</b>	<b>52.6247</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0220	8.2200e-003	1.0000e-004	3.4300e-003	1.1000e-004	3.5400e-003	9.9000e-004	1.0000e-004	1.0900e-003	0.0000	9.9093	9.9093	3.3000e-004	1.4300e-003	10.3426
Worker	4.6700e-003	3.7100e-003	0.0501	1.4000e-004	0.0161	1.0000e-004	0.0162	4.2800e-003	9.0000e-005	4.3700e-003	0.0000	12.8351	12.8351	3.4000e-004	3.3000e-004	12.9432
<b>Total</b>	<b>5.2900e-003</b>	<b>0.0257</b>	<b>0.0584</b>	<b>2.4000e-004</b>	<b>0.0196</b>	<b>2.1000e-004</b>	<b>0.0198</b>	<b>5.2700e-003</b>	<b>1.9000e-004</b>	<b>5.4600e-003</b>	<b>0.0000</b>	<b>22.7444</b>	<b>22.7444</b>	<b>6.7000e-004</b>	<b>1.7600e-003</b>	<b>23.2857</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.6 Utility Trenching and Installation - 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	1.7400e-003	0.0177	0.0257	4.0000e-005		8.7000e-004	8.7000e-004		8.0000e-004	8.0000e-004	0.0000	3.1462	3.1462	1.0200e-003	0.0000	3.1717
<b>Total</b>	<b>1.7400e-003</b>	<b>0.0177</b>	<b>0.0257</b>	<b>4.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>3.1462</b>	<b>3.1462</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1717</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.1800e-003	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3009	0.3009	1.0000e-005	1.0000e-005	0.3035
<b>Total</b>	<b>1.1000e-004</b>	<b>9.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3009</b>	<b>0.3009</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3035</b>



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.6 Utility Trenching and Installation - 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	1.7400e-003	0.0177	0.0257	4.0000e-005		8.7000e-004	8.7000e-004		8.0000e-004	8.0000e-004	0.0000	3.1462	3.1462	1.0200e-003	0.0000	3.1717
<b>Total</b>	<b>1.7400e-003</b>	<b>0.0177</b>	<b>0.0257</b>	<b>4.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>3.1462</b>	<b>3.1462</b>	<b>1.0200e-003</b>	<b>0.0000</b>	<b>3.1717</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.1800e-003	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3009	0.3009	1.0000e-005	1.0000e-005	0.3035
<b>Total</b>	<b>1.1000e-004</b>	<b>9.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>3.8000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3009</b>	<b>0.3009</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3035</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.7 Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5900e-003	0.0161	0.0234	3.0000e-005		8.0000e-004	8.0000e-004		7.3000e-004	7.3000e-004	0.0000	2.8727	2.8727	9.3000e-004	0.0000	2.8959
<b>Total</b>	<b>1.5900e-003</b>	<b>0.0161</b>	<b>0.0234</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.8727</b>	<b>2.8727</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.8959</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.0700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2748	0.2748	1.0000e-005	1.0000e-005	0.2771
<b>Total</b>	<b>1.0000e-004</b>	<b>8.0000e-005</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2748</b>	<b>0.2748</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2771</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.7 Landscaping - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5900e-003	0.0161	0.0234	3.0000e-005		8.0000e-004	8.0000e-004		7.3000e-004	7.3000e-004	0.0000	2.8727	2.8727	9.3000e-004	0.0000	2.8959
<b>Total</b>	<b>1.5900e-003</b>	<b>0.0161</b>	<b>0.0234</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>2.8727</b>	<b>2.8727</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>2.8959</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.0700e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2748	0.2748	1.0000e-005	1.0000e-005	0.2771
<b>Total</b>	<b>1.0000e-004</b>	<b>8.0000e-005</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>3.5000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.2748</b>	<b>0.2748</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.2771</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.8 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2200e-003	0.0207	0.0253	4.0000e-005		1.0400e-003	1.0400e-003		9.6000e-004	9.6000e-004	0.0000	3.1967	3.1967	9.4000e-004	0.0000	3.2202
Paving	9.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-003</b>	<b>0.0207</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>1.0400e-003</b>	<b>1.0400e-003</b>		<b>9.6000e-004</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>3.1967</b>	<b>3.1967</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.2202</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	1.4000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4797	0.4797	1.0000e-005	1.0000e-005	0.4838
<b>Total</b>	<b>1.7000e-004</b>	<b>1.4000e-004</b>	<b>1.8700e-003</b>	<b>1.0000e-005</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4797</b>	<b>0.4797</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4838</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.8 Paving - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2200e-003	0.0207	0.0253	4.0000e-005		1.0400e-003	1.0400e-003		9.6000e-004	9.6000e-004	0.0000	3.1967	3.1967	9.4000e-004	0.0000	3.2202
Paving	9.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.2000e-003</b>	<b>0.0207</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>1.0400e-003</b>	<b>1.0400e-003</b>		<b>9.6000e-004</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>3.1967</b>	<b>3.1967</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.2202</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-004	1.4000e-004	1.8700e-003	1.0000e-005	6.0000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4797	0.4797	1.0000e-005	1.0000e-005	0.4838
<b>Total</b>	<b>1.7000e-004</b>	<b>1.4000e-004</b>	<b>1.8700e-003</b>	<b>1.0000e-005</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4797</b>	<b>0.4797</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4838</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.9 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2955					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	6.1300e-003	0.0126	2.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	1.6966	1.6966	5.5000e-004	0.0000	1.7103
<b>Total</b>	<b>0.2959</b>	<b>6.1300e-003</b>	<b>0.0126</b>	<b>2.0000e-005</b>		<b>1.1000e-004</b>	<b>1.1000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.6966</b>	<b>1.6966</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.7103</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.4000e-004	1.9600e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5015	0.5015	1.0000e-005	1.0000e-005	0.5058
<b>Total</b>	<b>1.8000e-004</b>	<b>1.4000e-004</b>	<b>1.9600e-003</b>	<b>1.0000e-005</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>6.3000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5015</b>	<b>0.5015</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.5058</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**3.9 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2955					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-004	6.1300e-003	0.0126	2.0000e-005		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	1.6966	1.6966	5.5000e-004	0.0000	1.7103
<b>Total</b>	<b>0.2959</b>	<b>6.1300e-003</b>	<b>0.0126</b>	<b>2.0000e-005</b>		<b>1.1000e-004</b>	<b>1.1000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.6966</b>	<b>1.6966</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.7103</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.4000e-004	1.9600e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5015	0.5015	1.0000e-005	1.0000e-005	0.5058
<b>Total</b>	<b>1.8000e-004</b>	<b>1.4000e-004</b>	<b>1.9600e-003</b>	<b>1.0000e-005</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>6.3000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.5015</b>	<b>0.5015</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.5058</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048
Unmitigated	0.0609	0.0740	0.6737	1.5200e-003	0.1618	1.1000e-003	0.1629	0.0432	1.0200e-003	0.0442	0.0000	140.7210	140.7210	9.1900e-003	5.8900e-003	142.7048

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	100.49	100.49	100.49	430,650	430,650
Total	100.49	100.49	100.49	430,650	430,650

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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	39.2251	39.2251	3.3100e-003	4.0000e-004	39.4274
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39.2251	39.2251	3.3100e-003	4.0000e-004	39.4274
NaturalGas Mitigated	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
NaturalGas Unmitigated	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Rail	49664.1	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
<b>Total</b>		<b>2.7000e-004</b>	<b>2.4300e-003</b>	<b>2.0400e-003</b>	<b>1.0000e-005</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.6503</b>	<b>2.6503</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>2.6660</b>

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					
Unrefrigerated Warehouse-No Rail	49664.1	2.7000e-004	2.4300e-003	2.0400e-003	1.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.6503	2.6503	5.0000e-005	5.0000e-005	2.6660
<b>Total</b>		<b>2.7000e-004</b>	<b>2.4300e-003</b>	<b>2.0400e-003</b>	<b>1.0000e-005</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>		<b>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.6503</b>	<b>2.6503</b>	<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>2.6660</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**5.3 Energy by Land Use - Electricity**

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	221179	39.2251	3.3100e-003	4.0000e-004	39.4274
<b>Total</b>		<b>39.2251</b>	<b>3.3100e-003</b>	<b>4.0000e-004</b>	<b>39.4274</b>

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	221179	39.2251	3.3100e-003	4.0000e-004	39.4274
<b>Total</b>		<b>39.2251</b>	<b>3.3100e-003</b>	<b>4.0000e-004</b>	<b>39.4274</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

7091/ Allen Warehouse Project - Los Angeles-South Coast 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	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
Unmitigated	0.2623	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0296					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
<b>Total</b>	<b>0.2623</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2800e-003</b>	<b>2.2800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.4300e-003</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0296					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.1700e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2800e-003	2.2800e-003	1.0000e-005	0.0000	2.4300e-003
<b>Total</b>	<b>0.2623</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2800e-003</b>	<b>2.2800e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.4300e-003</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	38.7199	0.4833	0.0117	54.2850
Unmitigated	38.7199	0.4833	0.0117	54.2850

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	14.7422 / 0	38.7199	0.4833	0.0117	54.2850
<b>Total</b>		<b>38.7199</b>	<b>0.4833</b>	<b>0.0117</b>	<b>54.2850</b>

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	14.7422 / 0	38.7199	0.4833	0.0117	54.2850
<b>Total</b>		<b>38.7199</b>	<b>0.4833</b>	<b>0.0117</b>	<b>54.2850</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.1632	0.7188	0.0000	30.1339
Unmitigated	12.1632	0.7188	0.0000	30.1339

7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

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

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	59.92	12.1632	0.7188	0.0000	30.1339
<b>Total</b>		<b>12.1632</b>	<b>0.7188</b>	<b>0.0000</b>	<b>30.1339</b>

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	59.92	12.1632	0.7188	0.0000	30.1339
<b>Total</b>		<b>12.1632</b>	<b>0.7188</b>	<b>0.0000</b>	<b>30.1339</b>

**9.0 Operational Offroad**

---

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



7091/ Allen Warehouse Project - Los Angeles-South Coast County, Annual

**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**

---

---

## APPENDIX B3

### Energy – Fuel Consumption Data and Calculations

---

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions,  
1000 gallons/year for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	Fuel Consumption
Los Angeles	2024	HHDT	Aggregate	Aggregate	Gasoline	43.69589982	970620.5334	239.4037812
Los Angeles	2024	HHDT	Aggregate	Aggregate	Diesel	53754.40909	2138217940	353542.7179
Los Angeles	2024	LDA	Aggregate	Aggregate	Gasoline	3388822.628	46771340855	1611912.316
Los Angeles	2024	LDA	Aggregate	Aggregate	Diesel	9079.361215	93785850.82	2327.610374
Los Angeles	2024	LDT1	Aggregate	Aggregate	Gasoline	318252.7693	4038098956	166721.5247
Los Angeles	2024	LDT1	Aggregate	Aggregate	Diesel	122.446934	850865.2138	36.85643223
Los Angeles	2024	LDT2	Aggregate	Aggregate	Gasoline	1590816.776	22882364592	963726.9986
Los Angeles	2024	LDT2	Aggregate	Aggregate	Diesel	5015.834043	75858778.92	2407.999965
Los Angeles	2024	LHDT1	Aggregate	Aggregate	Gasoline	126446.8925	1646057474	121844.0485
Los Angeles	2024	LHDT1	Aggregate	Aggregate	Diesel	57966.32081	836838983.6	40887.19811
Los Angeles	2024	LHDT2	Aggregate	Aggregate	Gasoline	19310.40115	236565986.2	20050.57488
Los Angeles	2024	LHDT2	Aggregate	Aggregate	Diesel	26105.21151	370815358.5	21500.92132
Los Angeles	2024	MCY	Aggregate	Aggregate	Gasoline	150983.9698	344477993.3	8357.054605
Los Angeles	2024	MDV	Aggregate	Aggregate	Gasoline	961865.5065	12790845644	661802.2867
Los Angeles	2024	MDV	Aggregate	Aggregate	Diesel	11173.42258	152691946.9	6476.740182
Los Angeles	2024	MH	Aggregate	Aggregate	Gasoline	15893.52901	51318722.2	10594.77164
Los Angeles	2024	MH	Aggregate	Aggregate	Diesel	5642.201691	19330213.56	1937.106336
Los Angeles	2024	MHDT	Aggregate	Aggregate	Gasoline	14868.35955	266806703.8	51731.56744
Los Angeles	2024	MHDT	Aggregate	Aggregate	Diesel	60973.56189	808797477.5	90738.73357
Los Angeles	2024	OBUS	Aggregate	Aggregate	Gasoline	3744.20154	48870040.79	9706.981815
Los Angeles	2024	OBUS	Aggregate	Aggregate	Diesel	2141.032863	49722688.4	7208.978834
Los Angeles	2024	SBUS	Aggregate	Aggregate	Gasoline	1423.94101	21534384.51	2395.942818
Los Angeles	2024	SBUS	Aggregate	Aggregate	Diesel	1963.211501	13158807.91	1785.746114
Los Angeles	2024	UBUS	Aggregate	Aggregate	Gasoline	437.5652487	10131910.28	2208.412104
Los Angeles	2024	UBUS	Aggregate	Aggregate	Diesel	38.73107058	2043363.748	319.848708
							<b>93671496157</b>	<b>4160462.341</b>

**EMFAC2021 (v1.0.2) Emissions Inventory**

**Region Type:** South Coast Air Basin  
**Region:** Los Angeles County  
**Calendar Year:** 2024  
**Vehicle Classification:** EMFAC2007 Categories  
**Los Angeles County value:** 93,671,496,157 VMT/Year  
**Project value:** 430,650 VMT/Year

Vehicle Class	Fuel Type	County Fuel Consumption		Project VMT	County VMT	Project Fuel Consumption (gal/yr)		
		1000 gallons/year	gallons/year			Total	Gasoline	Diesel
LDA	GAS	1611912.316	1611912315.84	233612.1216	46771340855	8,047	8,035	12
	DSL	2327.610374	2327610.37		93785850.82			
LDT1	GAS	166721.5247	166721524.68	2.74E+04	4038098956	1,133	1,133	0
	DSL	36.85643223	36856.43		850865.2138			
LDT2	GAS	963726.9986	963726998.61	81065.98665	22882364592	3,412	3,403	9
	DSL	2407.999965	2407999.97		75858778.92			
MDV	GAS	661802.2867	661802286.72	54649.05435	12790845644	2,821	2,794	27
	DSL	6476.740182	6476740.18		152691946.9			
LHDT1	GAS	121844.0485	121844048.51	10012.18185	1646057474	656	491	165
	DSL	40887.19811	40887198.11		836838983.6			
LHDT2	GAS	20050.57488	20050574.88	2686.82535	236565986.2	184	89	95
	DSL	21500.92132	21500921.32		370815358.5			
MHDT	GAS	51731.56744	51731567.44	4615.27605	266806703.8	611	222	389
	DSL	90738.73357	90738733.57		808797477.5			
HHDT	GAS	239.4037812	239403.78	3479.22135	970620.5334	575	0	575
	DSL	353542.7179	353542717.94		2138217940			
OBUS	GAS	9706.981815	9706981.82	397.48995	48870040.79	68	39	29
	DSL	7208.978834	7208978.83		49722688.4			
UBUS	GAS	2208.412104	2208412.10	260.1126	10131910.28	54	47	7
	DSL	319.848708	319848.71		2043363.748			
MCY	GAS	8357.054605	8357054.61	10677.96675	344477993.3	244	244	0
SBUS	GAS	2395.942818	2395942.82	302.3163	21534384.51	37	21	16
	DSL	1785.746114	1785746.11		13158807.91			
MH	GAS	10594.77164	10594771.64	1443.5388	51318722.2	256	216	40
	DSL	1937.106336	1937106.34		19330213.56			
<b>Project Totals</b>				<b>430,650</b>	<b>93,671,496,157</b>	<b>18,098</b>	<b>16,734</b>	<b>1,364</b>

Notes: Onroad Motor Vehicle Fuel Consumption calculated by UltraSystems using EMFAC2021(v1.0.2) emissions inventory web platform tool (ARB, 2022) and CalEEMod (2020.4.0) (CAPCOA, 2022).

# Emissions Inventory

This tool provides emissions from onroad and offroad mobile sources in California. Please note that emissions extracted from this web tool are exactly the same as those provided by EMFAC2021 software.

## Output ?

## Model Version

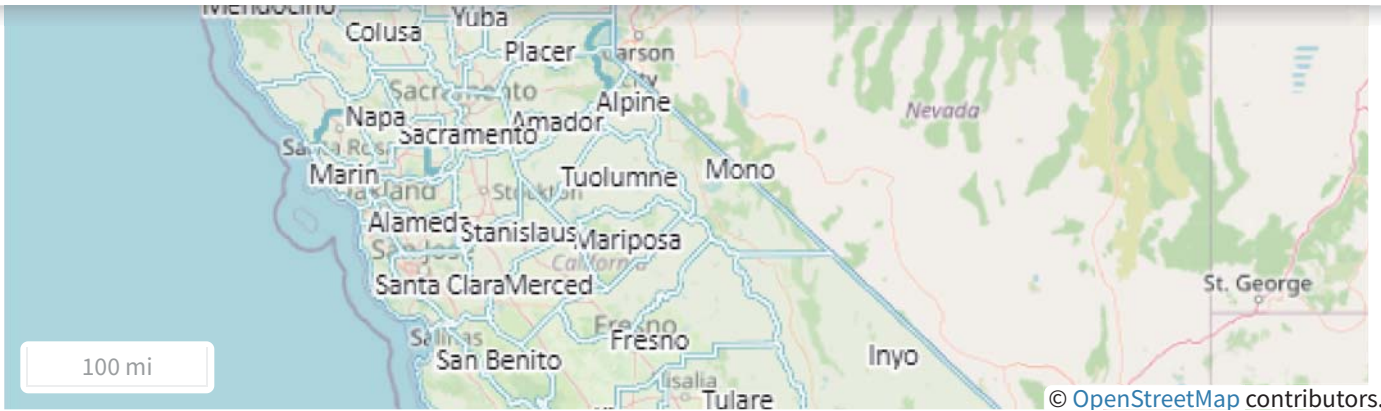
## Region Type ?

## Region

Please be mindful not to choose too many regions and calendar years at the same time. It can cause a download failure. See more info here: ?

Los Angeles × ▾





### Calendar Year

Select Range **Select All**

2024 x

### Season

Annual Summer Winter

### Vehicle Category

EMFAC202x EMFAC2011 EMFAC2007 **Deselect All**

LDA x LDT1 x LDT2 x MDV x MH x MCY x LHDT1 x LHDT2 x  
MHDT x HHDT x SBUS x UBUS x OBUS x

### Model Year

Aggregate Select Range

### Speed



Select All

Gasoline x Diesel x

Output Unit ?

tons / operation day tons / year

Show Results

Download as CSV

# Results ?

Shareable link: <https://arb.ca.gov/emfac/emissions-inventory/4b31ec8d34d24fe633d0300c783ab16b0c0f7b6f>

## Request Summary

Source  
EMFAC2021 (v1.0.2) Emissions Inventory

Region Type  
County

Region  
Los Angeles

Calendar Year  
2024



Vehicle Classification

EMFAC2007 Categories

Model Year

Aggregate

Speed

Aggregate

Units

miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

# Output Table

Vehicle Population and Activities  All

- Population  Total Vehicle Miles Travelled (Total VMT)
- Combustion Vehicle Miles Travelled (CVMT)  Electric Vehicle Miles Travelled (EVMT)
- Trips  Fuel Consumption  Energy Consumption for EVMT

Pollutants ?  All

- NOx  PM2.5  PM10  CO2  CH4  N2O  ROG
- TOG  CO  SOx  NH3

Emissions Processes ?  All

- RUNEX  IDLEX  STREX  TOTEX  DIURN  HOTSOAK
- RUNLOSS  PMTW  PMBW  TOTAL

✕
🖼️
📄
✕





2	HHDT	Diesel	5.38e+4	2.14e+9	3.32e+2
3	LDA	Gasoline	3.39e+6	4.68e+10	9.54e+2
4	LDA	Diesel	9.08e+3	9.38e+7	4.61e+0
5	LDT1	Gasoline	3.18e+5	4.04e+9	9.70e+1
6	LDT1	Diesel	1.22e+2	8.51e+5	2.69e-1
7	LDT2	Gasoline	1.59e+6	2.29e+10	5.08e+2
8	LDT2	Diesel	5.02e+3	7.59e+7	2.00e+0
9	LHDT1	Gasoline	1.26e+5	1.65e+9	1.58e+2
10	LHDT1	Diesel	5.80e+4	8.37e+8	1.03e+2
11	LHDT2	Gasoline	1.93e+4	2.37e+8	2.61e+1
12	LHDT2	Diesel	2.61e+4	3.71e+8	5.09e+1
13	MCY	Gasoline	1.51e+5	3.44e+8	7.35e+0
14	MDV	Gasoline	9.62e+5	1.28e+10	2.88e+2
15	MDV	Diesel	1.12e+4	1.53e+8	4.58e+0
16	MH	Gasoline	1.59e+4	5.13e+7	3.22e+0
17	MH	Diesel	5.64e+3	1.93e+7	3.18e+0
18	MHDT	Gasoline	1.49e+4	2.67e+8	1.67e+1
19	MHDT	Diesel	6.10e+4	8.09e+8	6.13e+1



21	OBUS	Diesel	2.14e+3	4.97e+7	6.26e+0
22	SBUS	Gasoline	1.42e+3	2.15e+7	1.33e+0
23	SBUS	Diesel	1.96e+3	1.32e+7	1.58e+0
24	UBUS	Gasoline	4.38e+2	1.01e+7	1.31e+0
25	UBUS	Diesel	3.87e+1	2.04e+6	3.42e-1

Rows per page All 1-25 of 25

Copyright @ 2022 California Air Resources Board

