

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**6265-6365 San Fernando Road**  
**South Coast AQMD Air District, Summer**

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	12.59	1000sqft	0.57	12,587.00	0
General Office Building	14.26	1000sqft	0.70	14,260.00	0
General Office Building	52.00	1000sqft	1.85	52,000.00	0
General Office Building	10.00	1000sqft	1.04	10,000.00	0
Parking Lot	286.00	Space	0.00	114,400.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	12			<b>Operational Year</b>	2021
<b>Utility Company</b>	Glendale Water & Power				
<b>CO2 Intensity (lb/MWhr)</b>	1115.33	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

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Project Characteristics - 6,500 SF addition to (e) 1-story, 6,087 SF building, 2,780 SF addition and 4,832 SF mezzanine addition in an (E) 6,648 SF building, demolish 848 SF of (E) 52,848 SF building and a 7,789 SF addition to an (E) 1-story, 2,211 SF building

Land Use - 12,587 SF building on 25,240 SF (0.57) of the project site, 14,260 SF building on 30,290 SF (0.70 acre) of the project site, 52,000 SF building on 80,937 SF (1.85 acres), 10,000 SF building on 45,363 SF (1.04 acres) of the project site.

Grading - 426 CY (cut), 1,000 CY (fill), NET 574 CY (fill)

Demolition - The parking lots across 5627-022-006, 5627-022-004, 5627-022-003 and 5627-022-002 will be removed, and portions of the south facing facade of the building will be demolished. It is estimated approximately 494.4 tons of debris will result from the project.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	12,590.00	12,587.00
tblLandUse	LotAcreage	0.23	1.04
tblLandUse	LotAcreage	0.29	0.57
tblLandUse	LotAcreage	0.33	0.70
tblLandUse	LotAcreage	1.19	1.85
tblLandUse	LotAcreage	2.57	0.00
tblTripsAndVMT	HaulingTripNumber	0.00	72.00

## 2.0 Emissions Summary

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3986	33.9134	22.4991	0.0424	0.7412	1.6621	2.4033	0.1367	1.5451	1.6818	0.0000	4,124.758 2	4,124.758 2	1.0767	0.0000	4,151.674 8
2021	3.9642	40.5464	22.2613	0.0438	18.2675	2.0459	20.3134	9.9840	1.8823	11.8663	0.0000	4,294.037 4	4,294.037 4	1.1974	0.0000	4,311.363 2
2022	47.7879	9.5716	12.8907	0.0211	0.2236	0.4893	0.7128	0.0593	0.4518	0.5111	0.0000	2,018.674 5	2,018.674 5	0.5726	0.0000	2,032.988 4
<b>Maximum</b>	<b>47.7879</b>	<b>40.5464</b>	<b>22.4991</b>	<b>0.0438</b>	<b>18.2675</b>	<b>2.0459</b>	<b>20.3134</b>	<b>9.9840</b>	<b>1.8823</b>	<b>11.8663</b>	<b>0.0000</b>	<b>4,294.037 4</b>	<b>4,294.037 4</b>	<b>1.1974</b>	<b>0.0000</b>	<b>4,311.363 2</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3986	33.9134	22.4991	0.0424	0.7412	1.6621	2.4033	0.1367	1.5451	1.6818	0.0000	4,124.758 2	4,124.758 2	1.0767	0.0000	4,151.674 8
2021	3.9642	40.5464	22.2613	0.0438	18.2675	2.0459	20.3134	9.9840	1.8823	11.8663	0.0000	4,294.037 4	4,294.037 4	1.1974	0.0000	4,311.363 1
2022	47.7879	9.5716	12.8907	0.0211	0.2236	0.4893	0.7128	0.0593	0.4518	0.5111	0.0000	2,018.674 5	2,018.674 5	0.5726	0.0000	2,032.988 4
<b>Maximum</b>	<b>47.7879</b>	<b>40.5464</b>	<b>22.4991</b>	<b>0.0438</b>	<b>18.2675</b>	<b>2.0459</b>	<b>20.3134</b>	<b>9.9840</b>	<b>1.8823</b>	<b>11.8663</b>	<b>0.0000</b>	<b>4,294.037 4</b>	<b>4,294.037 4</b>	<b>1.1974</b>	<b>0.0000</b>	<b>4,311.363 1</b>



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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0376	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875
Energy	0.0273	0.2484	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1135	298.1135	5.7100e-003	5.4700e-003	299.8851
Mobile	1.7878	8.9498	23.4490	0.0844	6.7129	0.0658	6.7787	1.7962	0.0614	1.8576		8,582.2984	8,582.2984	0.4114		8,592.5828
<b>Total</b>	<b>3.8528</b>	<b>9.1986</b>	<b>23.6961</b>	<b>0.0859</b>	<b>6.7129</b>	<b>0.0848</b>	<b>6.7977</b>	<b>1.7962</b>	<b>0.0804</b>	<b>1.8766</b>		<b>8,880.4939</b>	<b>8,880.4939</b>	<b>0.4173</b>	<b>5.4700e-003</b>	<b>8,892.5554</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	2.0376	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875
Energy	0.0273	0.2484	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1135	298.1135	5.7100e-003	5.4700e-003	299.8851
Mobile	1.7878	8.9498	23.4490	0.0844	6.7129	0.0658	6.7787	1.7962	0.0614	1.8576		8,582.2984	8,582.2984	0.4114		8,592.5828
<b>Total</b>	<b>3.8528</b>	<b>9.1986</b>	<b>23.6961</b>	<b>0.0859</b>	<b>6.7129</b>	<b>0.0848</b>	<b>6.7977</b>	<b>1.7962</b>	<b>0.0804</b>	<b>1.8766</b>		<b>8,880.4939</b>	<b>8,880.4939</b>	<b>0.4173</b>	<b>5.4700e-003</b>	<b>8,892.5554</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	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	12/7/2020	1/1/2021	5	20	
2	Site Preparation	Site Preparation	1/2/2021	1/8/2021	5	5	
3	Grading	Grading	1/9/2021	1/20/2021	5	8	
4	Building Construction	Building Construction	1/21/2021	12/8/2021	5	230	
5	Paving	Paving	12/9/2021	1/3/2022	5	18	
6	Architectural Coating	Architectural Coating	1/4/2022	1/27/2022	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 133,271; Non-Residential Outdoor: 44,424; Striped Parking Area: 6,864 (Architectural Coating – sqft)

#### OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	49.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	72.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	76.00	33.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5290	0.0000	0.5290	0.0801	0.0000	0.0801			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.5290</b>	<b>1.6587</b>	<b>2.1877</b>	<b>0.0801</b>	<b>1.5419</b>	<b>1.6219</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

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**3.2 Demolition - 2020**

**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	0.0186	0.6668	0.1327	1.9000e-003	0.0445	2.1500e-003	0.0467	0.0122	2.0600e-003	0.0142		205.3907	205.3907	0.0138		205.7352
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
<b>Total</b>	<b>0.0865</b>	<b>0.7124</b>	<b>0.7459</b>	<b>3.6200e-003</b>	<b>0.2122</b>	<b>3.4200e-003</b>	<b>0.2156</b>	<b>0.0566</b>	<b>3.2300e-003</b>	<b>0.0599</b>		<b>377.0533</b>	<b>377.0533</b>	<b>0.0187</b>		<b>377.5212</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					0.5290	0.0000	0.5290	0.0801	0.0000	0.0801			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.5290</b>	<b>1.6587</b>	<b>2.1877</b>	<b>0.0801</b>	<b>1.5419</b>	<b>1.6219</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

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**3.2 Demolition - 2020**

**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	0.0186	0.6668	0.1327	1.9000e-003	0.0445	2.1500e-003	0.0467	0.0122	2.0600e-003	0.0142		205.3907	205.3907	0.0138		205.7352
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
<b>Total</b>	<b>0.0865</b>	<b>0.7124</b>	<b>0.7459</b>	<b>3.6200e-003</b>	<b>0.2122</b>	<b>3.4200e-003</b>	<b>0.2156</b>	<b>0.0566</b>	<b>3.2300e-003</b>	<b>0.0599</b>		<b>377.0533</b>	<b>377.0533</b>	<b>0.0187</b>		<b>377.5212</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5290	0.0000	0.5290	0.0801	0.0000	0.0801			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.5290</b>	<b>1.5513</b>	<b>2.0803</b>	<b>0.0801</b>	<b>1.4411</b>	<b>1.5212</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**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	0.0178	0.6198	0.1312	1.8800e-003	0.6583	1.9200e-003	0.6602	0.1628	1.8400e-003	0.1646		203.2372	203.2372	0.0136		203.5762
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.0811</b>	<b>0.6609</b>	<b>0.6963</b>	<b>3.5500e-003</b>	<b>0.8259</b>	<b>3.1500e-003</b>	<b>0.8291</b>	<b>0.2073</b>	<b>2.9800e-003</b>	<b>0.2102</b>		<b>369.3477</b>	<b>369.3477</b>	<b>0.0180</b>		<b>369.7983</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					0.5290	0.0000	0.5290	0.0801	0.0000	0.0801			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.5290</b>	<b>1.5513</b>	<b>2.0803</b>	<b>0.0801</b>	<b>1.4411</b>	<b>1.5212</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**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	0.0178	0.6198	0.1312	1.8800e-003	0.6583	1.9200e-003	0.6602	0.1628	1.8400e-003	0.1646		203.2372	203.2372	0.0136		203.5762
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.0811</b>	<b>0.6609</b>	<b>0.6963</b>	<b>3.5500e-003</b>	<b>0.8259</b>	<b>3.1500e-003</b>	<b>0.8291</b>	<b>0.2073</b>	<b>2.9800e-003</b>	<b>0.2102</b>		<b>369.3477</b>	<b>369.3477</b>	<b>0.0180</b>		<b>369.7983</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
<b>Total</b>	<b>0.0760</b>	<b>0.0493</b>	<b>0.6781</b>	<b>2.0000e-003</b>	<b>0.2012</b>	<b>1.4800e-003</b>	<b>0.2027</b>	<b>0.0534</b>	<b>1.3600e-003</b>	<b>0.0547</b>		<b>199.3326</b>	<b>199.3326</b>	<b>5.3600e-003</b>		<b>199.4666</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
<b>Total</b>	<b>0.0760</b>	<b>0.0493</b>	<b>0.6781</b>	<b>2.0000e-003</b>	<b>0.2012</b>	<b>1.4800e-003</b>	<b>0.2027</b>	<b>0.0534</b>	<b>1.3600e-003</b>	<b>0.0547</b>		<b>199.3326</b>	<b>199.3326</b>	<b>5.3600e-003</b>		<b>199.4666</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895,1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>		<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895,1495</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.4 Grading - 2021**

**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	0.0653	2.2769	0.4820	6.9000e-003	0.1573	7.0600e-003	0.1643	0.0431	6.7500e-003	0.0499		746.5856	746.5856	0.0498		747.8308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.1286</b>	<b>2.3180</b>	<b>1.0471</b>	<b>8.5700e-003</b>	<b>0.3249</b>	<b>8.2900e-003</b>	<b>0.3332</b>	<b>0.0876</b>	<b>7.8900e-003</b>	<b>0.0955</b>		<b>912.6961</b>	<b>912.6961</b>	<b>0.0543</b>		<b>914.0530</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>	<b>0.0000</b>	<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</b>

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**3.4 Grading - 2021**

**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	0.0653	2.2769	0.4820	6.9000e-003	0.1573	7.0600e-003	0.1643	0.0431	6.7500e-003	0.0499		746.5856	746.5856	0.0498		747.8308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
<b>Total</b>	<b>0.1286</b>	<b>2.3180</b>	<b>1.0471</b>	<b>8.5700e-003</b>	<b>0.3249</b>	<b>8.2900e-003</b>	<b>0.3332</b>	<b>0.0876</b>	<b>7.8900e-003</b>	<b>0.0955</b>		<b>912.6961</b>	<b>912.6961</b>	<b>0.0543</b>		<b>914.0530</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0918	3.1474	0.7469	8.4200e-003	0.2112	6.3400e-003	0.2175	0.0608	6.0600e-003	0.0669		899.0469	899.0469	0.0544		900.4066
Worker	0.3208	0.2081	2.8631	8.4500e-003	0.8495	6.2500e-003	0.8558	0.2253	5.7600e-003	0.2311		841.6265	841.6265	0.0226		842.1923
<b>Total</b>	<b>0.4126</b>	<b>3.3555</b>	<b>3.6100</b>	<b>0.0169</b>	<b>1.0607</b>	<b>0.0126</b>	<b>1.0733</b>	<b>0.2861</b>	<b>0.0118</b>	<b>0.2979</b>		<b>1,740.6735</b>	<b>1,740.6735</b>	<b>0.0770</b>		<b>1,742.5989</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

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**3.5 Building Construction - 2021****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0918	3.1474	0.7469	8.4200e-003	0.2112	6.3400e-003	0.2175	0.0608	6.0600e-003	0.0669		899.0469	899.0469	0.0544		900.4066
Worker	0.3208	0.2081	2.8631	8.4500e-003	0.8495	6.2500e-003	0.8558	0.2253	5.7600e-003	0.2311		841.6265	841.6265	0.0226		842.1923
<b>Total</b>	<b>0.4126</b>	<b>3.3555</b>	<b>3.6100</b>	<b>0.0169</b>	<b>1.0607</b>	<b>0.0126</b>	<b>1.0733</b>	<b>0.2861</b>	<b>0.0118</b>	<b>0.2979</b>		<b>1,740.6735</b>	<b>1,740.6735</b>	<b>0.0770</b>		<b>1,742.5989</b>

**3.6 Paving - 2021****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0940</b>	<b>10.8399</b>	<b>12.2603</b>	<b>0.0189</b>		<b>0.5788</b>	<b>0.5788</b>		<b>0.5342</b>	<b>0.5342</b>		<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.6 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
<b>Total</b>	<b>0.0844</b>	<b>0.0548</b>	<b>0.7535</b>	<b>2.2200e-003</b>	<b>0.2236</b>	<b>1.6500e-003</b>	<b>0.2252</b>	<b>0.0593</b>	<b>1.5200e-003</b>	<b>0.0608</b>		<b>221.4807</b>	<b>221.4807</b>	<b>5.9600e-003</b>		<b>221.6296</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0940</b>	<b>10.8399</b>	<b>12.2603</b>	<b>0.0189</b>		<b>0.5788</b>	<b>0.5788</b>		<b>0.5342</b>	<b>0.5342</b>	<b>0.0000</b>	<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</b>

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**3.6 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
<b>Total</b>	<b>0.0844</b>	<b>0.0548</b>	<b>0.7535</b>	<b>2.2200e-003</b>	<b>0.2236</b>	<b>1.6500e-003</b>	<b>0.2252</b>	<b>0.0593</b>	<b>1.5200e-003</b>	<b>0.0608</b>		<b>221.4807</b>	<b>221.4807</b>	<b>5.9600e-003</b>		<b>221.6296</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9765</b>	<b>9.5221</b>	<b>12.1940</b>	<b>0.0189</b>		<b>0.4877</b>	<b>0.4877</b>		<b>0.4504</b>	<b>0.4504</b>		<b>1,805.1297</b>	<b>1,805.1297</b>	<b>0.5672</b>		<b>1,819.3091</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.6 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0792	0.0495	0.6967	2.1400e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		213.5448	213.5448	5.3800e-003		213.6794
<b>Total</b>	<b>0.0792</b>	<b>0.0495</b>	<b>0.6967</b>	<b>2.1400e-003</b>	<b>0.2236</b>	<b>1.6000e-003</b>	<b>0.2252</b>	<b>0.0593</b>	<b>1.4700e-003</b>	<b>0.0608</b>		<b>213.5448</b>	<b>213.5448</b>	<b>5.3800e-003</b>		<b>213.6794</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	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9765</b>	<b>9.5221</b>	<b>12.1940</b>	<b>0.0189</b>		<b>0.4877</b>	<b>0.4877</b>		<b>0.4504</b>	<b>0.4504</b>	<b>0.0000</b>	<b>1,805.1297</b>	<b>1,805.1297</b>	<b>0.5672</b>		<b>1,819.3091</b>

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**3.6 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0792	0.0495	0.6967	2.1400e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		213.5448	213.5448	5.3800e-003		213.6794
<b>Total</b>	<b>0.0792</b>	<b>0.0495</b>	<b>0.6967</b>	<b>2.1400e-003</b>	<b>0.2236</b>	<b>1.6000e-003</b>	<b>0.2252</b>	<b>0.0593</b>	<b>1.4700e-003</b>	<b>0.0608</b>		<b>213.5448</b>	<b>213.5448</b>	<b>5.3800e-003</b>		<b>213.6794</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	47.5239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>47.7285</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
<b>Total</b>	<b>0.0594</b>	<b>0.0371</b>	<b>0.5225</b>	<b>1.6100e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>160.1586</b>	<b>160.1586</b>	<b>4.0400e-003</b>		<b>160.2595</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	47.5239					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>47.7285</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

### 3.7 Architectural Coating - 2022

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
<b>Total</b>	<b>0.0594</b>	<b>0.0371</b>	<b>0.5225</b>	<b>1.6100e-003</b>	<b>0.1677</b>	<b>1.2000e-003</b>	<b>0.1689</b>	<b>0.0445</b>	<b>1.1000e-003</b>	<b>0.0456</b>		<b>160.1586</b>	<b>160.1586</b>	<b>4.0400e-003</b>		<b>160.2595</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7878	8.9498	23.4490	0.0844	6.7129	0.0658	6.7787	1.7962	0.0614	1.8576		8,582.2984	8,582.2984	0.4114		8,592.5828
Unmitigated	1.7878	8.9498	23.4490	0.0844	6.7129	0.0658	6.7787	1.7962	0.0614	1.8576		8,582.2984	8,582.2984	0.4114		8,592.5828

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	138.87	30.97	13.22	339,878	339,878
General Office Building	157.29	35.08	14.97	384,961	384,961
General Office Building	573.56	127.92	54.60	1,403,784	1,403,784
General Office Building	110.30	24.60	10.50	269,958	269,958
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>980.02</b>	<b>218.57</b>	<b>93.29</b>	<b>2,398,581</b>	<b>2,398,581</b>

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0273	0.2484	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1135	298.1135	5.7100e-003	5.4700e-003	299.8851
NaturalGas Unmitigated	0.0273	0.2484	0.2087	1.4900e-003		0.0189	0.0189		0.0189	0.0189		298.1135	298.1135	5.7100e-003	5.4700e-003	299.8851

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**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					
General Office Building	1483.07	0.0160	0.1454	0.1221	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.4787	174.4787	3.3400e-003	3.2000e-003	175.5155
General Office Building	285.205	3.0800e-003	0.0280	0.0235	1.7000e-004		2.1300e-003	2.1300e-003		2.1300e-003	2.1300e-003		33.5536	33.5536	6.4000e-004	6.2000e-004	33.7530
General Office Building	358.988	3.8700e-003	0.0352	0.0296	2.1000e-004		2.6700e-003	2.6700e-003		2.6700e-003	2.6700e-003		42.2339	42.2339	8.1000e-004	7.7000e-004	42.4849
General Office Building	406.703	4.3900e-003	0.0399	0.0335	2.4000e-004		3.0300e-003	3.0300e-003		3.0300e-003	3.0300e-003		47.8474	47.8474	9.2000e-004	8.8000e-004	48.1318
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0273</b>	<b>0.2484</b>	<b>0.2087</b>	<b>1.4900e-003</b>		<b>0.0189</b>	<b>0.0189</b>		<b>0.0189</b>	<b>0.0189</b>		<b>298.1136</b>	<b>298.1136</b>	<b>5.7100e-003</b>	<b>5.4700e-003</b>	<b>299.8851</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

**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					
General Office Building	0.285205	3.0800e-003	0.0280	0.0235	1.7000e-004		2.1300e-003	2.1300e-003		2.1300e-003	2.1300e-003		33.5536	33.5536	6.4000e-004	6.2000e-004	33.7530
General Office Building	0.358988	3.8700e-003	0.0352	0.0296	2.1000e-004		2.6700e-003	2.6700e-003		2.6700e-003	2.6700e-003		42.2339	42.2339	8.1000e-004	7.7000e-004	42.4849
General Office Building	0.406703	4.3900e-003	0.0399	0.0335	2.4000e-004		3.0300e-003	3.0300e-003		3.0300e-003	3.0300e-003		47.8474	47.8474	9.2000e-004	8.8000e-004	48.1318
General Office Building	1.48307	0.0160	0.1454	0.1221	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.4787	174.4787	3.3400e-003	3.2000e-003	175.5155
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0273</b>	<b>0.2484</b>	<b>0.2087</b>	<b>1.4900e-003</b>		<b>0.0189</b>	<b>0.0189</b>		<b>0.0189</b>	<b>0.0189</b>		<b>298.1136</b>	<b>298.1136</b>	<b>5.7100e-003</b>	<b>5.4700e-003</b>	<b>299.8851</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0376	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875
Unmitigated	2.0376	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875

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	0.2344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.5900e-003	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875
<b>Total</b>	<b>2.0376</b>	<b>3.5000e-004</b>	<b>0.0384</b>	<b>0.0000</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>0.0820</b>	<b>0.0820</b>	<b>2.2000e-004</b>		<b>0.0875</b>

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

### 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	0.2344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.7997					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.5900e-003	3.5000e-004	0.0384	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0820	0.0820	2.2000e-004		0.0875
<b>Total</b>	<b>2.0376</b>	<b>3.5000e-004</b>	<b>0.0384</b>	<b>0.0000</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>1.4000e-004</b>	<b>1.4000e-004</b>		<b>0.0820</b>	<b>0.0820</b>	<b>2.2000e-004</b>		<b>0.0875</b>

### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

### 8.0 Waste Detail

#### 8.1 Mitigation Measures Waste

### 9.0 Operational Offroad

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

#### Fire Pumps and Emergency Generators

6265-6365 San Fernando Road - South Coast AQMD Air District, Summer

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

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

Equipment Type	Number
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**11.0 Vegetation**

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