

# Appendix A

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CalEEMod Output Files

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Annual

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

**2420 Oxnard Blvd U-Haul**

**Ventura County APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5.34	1000sqft	0.00	5,341.00	0
Unrefrigerated Warehouse-No Rail	201.76	1000sqft	3.56	201,760.00	0
Parking Lot	70.00	Space	5.34	28,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - square footage per site plan. Mercantile areas modeled as general office building. 70 parking spaces per site plan. Lot acreage = 8.9 per proposal

Construction Phase - No demo phase; Frame of existing structure to remain intact per site plan

Grading - Balanced site assumed

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	5,340.00	5,341.00
tblLandUse	LotAcreage	0.12	0.00
tblLandUse	LotAcreage	4.63	3.56
tblLandUse	LotAcreage	0.63	5.34

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

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0951	0.8814	0.8163	1.6800e-003	0.2010	0.0413	0.2423	0.0934	0.0385	0.1319	0.0000	149.5012	149.5012	0.0312	3.7800e-003	151.4056
2023	1.1476	1.5098	1.8348	3.8100e-003	0.0937	0.0675	0.1612	0.0254	0.0635	0.0888	0.0000	339.9765	339.9765	0.0586	0.0108	344.6718
<b>Maximum</b>	<b>1.1476</b>	<b>1.5098</b>	<b>1.8348</b>	<b>3.8100e-003</b>	<b>0.2010</b>	<b>0.0675</b>	<b>0.2423</b>	<b>0.0934</b>	<b>0.0635</b>	<b>0.1319</b>	<b>0.0000</b>	<b>339.9765</b>	<b>339.9765</b>	<b>0.0586</b>	<b>0.0108</b>	<b>344.6718</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0951	0.8814	0.8163	1.6800e-003	0.2010	0.0413	0.2423	0.0934	0.0385	0.1319	0.0000	149.5011	149.5011	0.0312	3.7800e-003	151.4055
2023	1.1476	1.5098	1.8348	3.8100e-003	0.0937	0.0675	0.1612	0.0254	0.0635	0.0888	0.0000	339.9762	339.9762	0.0586	0.0108	344.6716
<b>Maximum</b>	<b>1.1476</b>	<b>1.5098</b>	<b>1.8348</b>	<b>3.8100e-003</b>	<b>0.2010</b>	<b>0.0675</b>	<b>0.2423</b>	<b>0.0934</b>	<b>0.0635</b>	<b>0.1319</b>	<b>0.0000</b>	<b>339.9762</b>	<b>339.9762</b>	<b>0.0586</b>	<b>0.0108</b>	<b>344.6716</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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	0.7587	0.7587
2	12-1-2022	2-28-2023	0.6005	0.6005
3	3-1-2023	5-31-2023	0.5904	0.5904
4	6-1-2023	8-31-2023	0.5870	0.5870
5	9-1-2023	9-30-2023	0.2206	0.2206
		Highest	0.7587	0.7587

**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	0.9073	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-003
Energy	4.4900e-003	0.0408	0.0343	2.5000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	205.6806	205.6806	0.0145	2.4600e-003	206.7765
Mobile	0.2124	0.2626	2.0030	3.9900e-003	0.4215	3.2200e-003	0.4247	0.1125	3.0000e-003	0.1155	0.0000	372.4687	372.4687	0.0257	0.0178	378.4231
Waste						0.0000	0.0000		0.0000	0.0000	39.5061	0.0000	39.5061	2.3347	0.0000	97.8747
Water						0.0000	0.0000		0.0000	0.0000	15.1032	111.0789	126.1821	1.5606	0.0378	176.4515
<b>Total</b>	<b>1.1241</b>	<b>0.3035</b>	<b>2.0399</b>	<b>4.2400e-003</b>	<b>0.4215</b>	<b>6.3300e-003</b>	<b>0.4278</b>	<b>0.1125</b>	<b>6.1100e-003</b>	<b>0.1186</b>	<b>54.6093</b>	<b>689.2332</b>	<b>743.8425</b>	<b>3.9356</b>	<b>0.0580</b>	<b>859.5311</b>

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9073	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-003
Energy	4.4900e-003	0.0408	0.0343	2.5000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	205.6806	205.6806	0.0145	2.4600e-003	206.7765
Mobile	0.2124	0.2626	2.0030	3.9900e-003	0.4215	3.2200e-003	0.4247	0.1125	3.0000e-003	0.1155	0.0000	372.4687	372.4687	0.0257	0.0178	378.4231
Waste						0.0000	0.0000		0.0000	0.0000	39.5061	0.0000	39.5061	2.3347	0.0000	97.8747
Water						0.0000	0.0000		0.0000	0.0000	15.1032	111.0789	126.1821	1.5606	0.0378	176.4515
<b>Total</b>	<b>1.1241</b>	<b>0.3035</b>	<b>2.0399</b>	<b>4.2400e-003</b>	<b>0.4215</b>	<b>6.3300e-003</b>	<b>0.4278</b>	<b>0.1125</b>	<b>6.1100e-003</b>	<b>0.1186</b>	<b>54.6093</b>	<b>689.2332</b>	<b>743.8425</b>	<b>3.9356</b>	<b>0.0580</b>	<b>859.5311</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	Site Preparation	Site Preparation	9/1/2022	9/14/2022	5	10	
2	Grading	Grading	9/15/2022	10/12/2022	5	20	
3	Building Construction	Building Construction	10/13/2022	8/30/2023	5	230	

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4	Paving	Paving	8/31/2023	9/27/2023	5	20
5	Architectural Coating	Architectural Coating	9/28/2023	10/25/2023	5	20

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 5.34**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 310,652; Non-Residential Outdoor: 103,551; Striped Parking Area: 1,680 (Architectural Coating – sqft)**

**OffRoad Equipment**

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

**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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	98.00	39.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
<b>Total</b>	<b>0.0159</b>	<b>0.1654</b>	<b>0.0985</b>	<b>1.9000e-004</b>	<b>0.0983</b>	<b>8.0600e-003</b>	<b>0.1064</b>	<b>0.0505</b>	<b>7.4200e-003</b>	<b>0.0579</b>	<b>0.0000</b>	<b>16.7197</b>	<b>16.7197</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8549</b>

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**3.2 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.8000e-004	2.0000e-004	2.4200e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5795	0.5795	2.0000e-005	2.0000e-005	0.5853
<b>Total</b>	<b>2.8000e-004</b>	<b>2.0000e-004</b>	<b>2.4200e-003</b>	<b>1.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.5795</b>	<b>0.5795</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5853</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
<b>Total</b>	<b>0.0159</b>	<b>0.1654</b>	<b>0.0985</b>	<b>1.9000e-004</b>	<b>0.0983</b>	<b>8.0600e-003</b>	<b>0.1064</b>	<b>0.0505</b>	<b>7.4200e-003</b>	<b>0.0579</b>	<b>0.0000</b>	<b>16.7197</b>	<b>16.7197</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8549</b>



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

**3.2 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.8000e-004	2.0000e-004	2.4200e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5795	0.5795	2.0000e-005	2.0000e-005	0.5853
<b>Total</b>	<b>2.8000e-004</b>	<b>2.0000e-004</b>	<b>2.4200e-003</b>	<b>1.0000e-005</b>	<b>7.3000e-004</b>	<b>0.0000</b>	<b>7.3000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.5795</b>	<b>0.5795</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5853</b>

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2086	0.1527	3.0000e-004		9.4100e-003	9.4100e-003		8.6600e-003	8.6600e-003	0.0000	26.0548	26.0548	8.4300e-003	0.0000	26.2654
<b>Total</b>	<b>0.0195</b>	<b>0.2086</b>	<b>0.1527</b>	<b>3.0000e-004</b>	<b>0.0708</b>	<b>9.4100e-003</b>	<b>0.0802</b>	<b>0.0343</b>	<b>8.6600e-003</b>	<b>0.0429</b>	<b>0.0000</b>	<b>26.0548</b>	<b>26.0548</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2654</b>

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**3.3 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.4000e-004	4.0400e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9658	0.9658	3.0000e-005	3.0000e-005	0.9755
<b>Total</b>	<b>4.6000e-004</b>	<b>3.4000e-004</b>	<b>4.0400e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9658</b>	<b>0.9658</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9755</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2086	0.1527	3.0000e-004		9.4100e-003	9.4100e-003		8.6600e-003	8.6600e-003	0.0000	26.0547	26.0547	8.4300e-003	0.0000	26.2654
<b>Total</b>	<b>0.0195</b>	<b>0.2086</b>	<b>0.1527</b>	<b>3.0000e-004</b>	<b>0.0708</b>	<b>9.4100e-003</b>	<b>0.0802</b>	<b>0.0343</b>	<b>8.6600e-003</b>	<b>0.0429</b>	<b>0.0000</b>	<b>26.0547</b>	<b>26.0547</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2654</b>

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

**3.3 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.4000e-004	4.0400e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9658	0.9658	3.0000e-005	3.0000e-005	0.9755
<b>Total</b>	<b>4.6000e-004</b>	<b>3.4000e-004</b>	<b>4.0400e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9658</b>	<b>0.9658</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9755</b>

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4451	0.4664	7.7000e-004		0.0231	0.0231		0.0217	0.0217	0.0000	66.0417	66.0417	0.0158	0.0000	66.4372
<b>Total</b>	<b>0.0486</b>	<b>0.4451</b>	<b>0.4664</b>	<b>7.7000e-004</b>		<b>0.0231</b>	<b>0.0231</b>		<b>0.0217</b>	<b>0.0217</b>	<b>0.0000</b>	<b>66.0417</b>	<b>66.0417</b>	<b>0.0158</b>	<b>0.0000</b>	<b>66.4372</b>

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

**3.4 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8400e-003	0.0555	0.0171	2.2000e-004	7.4100e-003	6.1000e-004	8.0200e-003	2.1400e-003	5.8000e-004	2.7200e-003	0.0000	21.1568	21.1568	8.4000e-004	3.1700e-003	22.1235
Worker	8.5800e-003	6.3000e-003	0.0752	1.9000e-004	0.0225	1.3000e-004	0.0227	5.9800e-003	1.2000e-004	6.1000e-003	0.0000	17.9830	17.9830	6.2000e-004	5.5000e-004	18.1637
<b>Total</b>	<b>0.0104</b>	<b>0.0618</b>	<b>0.0923</b>	<b>4.1000e-004</b>	<b>0.0299</b>	<b>7.4000e-004</b>	<b>0.0307</b>	<b>8.1200e-003</b>	<b>7.0000e-004</b>	<b>8.8200e-003</b>	<b>0.0000</b>	<b>39.1398</b>	<b>39.1398</b>	<b>1.4600e-003</b>	<b>3.7200e-003</b>	<b>40.2873</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4451	0.4664	7.7000e-004		0.0231	0.0231		0.0217	0.0217	0.0000	66.0416	66.0416	0.0158	0.0000	66.4372
<b>Total</b>	<b>0.0486</b>	<b>0.4451</b>	<b>0.4664</b>	<b>7.7000e-004</b>		<b>0.0231</b>	<b>0.0231</b>		<b>0.0217</b>	<b>0.0217</b>	<b>0.0000</b>	<b>66.0416</b>	<b>66.0416</b>	<b>0.0158</b>	<b>0.0000</b>	<b>66.4372</b>

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**3.4 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8400e-003	0.0555	0.0171	2.2000e-004	7.4100e-003	6.1000e-004	8.0200e-003	2.1400e-003	5.8000e-004	2.7200e-003	0.0000	21.1568	21.1568	8.4000e-004	3.1700e-003	22.1235
Worker	8.5800e-003	6.3000e-003	0.0752	1.9000e-004	0.0225	1.3000e-004	0.0227	5.9800e-003	1.2000e-004	6.1000e-003	0.0000	17.9830	17.9830	6.2000e-004	5.5000e-004	18.1637
<b>Total</b>	<b>0.0104</b>	<b>0.0618</b>	<b>0.0923</b>	<b>4.1000e-004</b>	<b>0.0299</b>	<b>7.4000e-004</b>	<b>0.0307</b>	<b>8.1200e-003</b>	<b>7.0000e-004</b>	<b>8.8200e-003</b>	<b>0.0000</b>	<b>39.1398</b>	<b>39.1398</b>	<b>1.4600e-003</b>	<b>3.7200e-003</b>	<b>40.2873</b>

**3.4 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1360	1.2443	1.4051	2.3300e-003		0.0605	0.0605		0.0570	0.0570	0.0000	200.5111	200.5111	0.0477	0.0000	201.7036
<b>Total</b>	<b>0.1360</b>	<b>1.2443</b>	<b>1.4051</b>	<b>2.3300e-003</b>		<b>0.0605</b>	<b>0.0605</b>		<b>0.0570</b>	<b>0.0570</b>	<b>0.0000</b>	<b>200.5111</b>	<b>200.5111</b>	<b>0.0477</b>	<b>0.0000</b>	<b>201.7036</b>

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**3.4 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2800e-003	0.1328	0.0461	6.3000e-004	0.0225	7.6000e-004	0.0232	6.4900e-003	7.3000e-004	7.2100e-003	0.0000	61.5369	61.5369	2.5300e-003	9.2100e-003	64.3456
Worker	0.0242	0.0170	0.2110	5.7000e-004	0.0684	3.8000e-004	0.0687	0.0182	3.5000e-004	0.0185	0.0000	53.1537	53.1537	1.7000e-003	1.5600e-003	53.6613
<b>Total</b>	<b>0.0275</b>	<b>0.1498</b>	<b>0.2570</b>	<b>1.2000e-003</b>	<b>0.0908</b>	<b>1.1400e-003</b>	<b>0.0920</b>	<b>0.0247</b>	<b>1.0800e-003</b>	<b>0.0257</b>	<b>0.0000</b>	<b>114.6906</b>	<b>114.6906</b>	<b>4.2300e-003</b>	<b>0.0108</b>	<b>118.0068</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1360	1.2443	1.4051	2.3300e-003		0.0605	0.0605		0.0570	0.0570	0.0000	200.5109	200.5109	0.0477	0.0000	201.7033
<b>Total</b>	<b>0.1360</b>	<b>1.2443</b>	<b>1.4051</b>	<b>2.3300e-003</b>		<b>0.0605</b>	<b>0.0605</b>		<b>0.0570</b>	<b>0.0570</b>	<b>0.0000</b>	<b>200.5109</b>	<b>200.5109</b>	<b>0.0477</b>	<b>0.0000</b>	<b>201.7033</b>

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**3.4 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2800e-003	0.1328	0.0461	6.3000e-004	0.0225	7.6000e-004	0.0232	6.4900e-003	7.3000e-004	7.2100e-003	0.0000	61.5369	61.5369	2.5300e-003	9.2100e-003	64.3456
Worker	0.0242	0.0170	0.2110	5.7000e-004	0.0684	3.8000e-004	0.0687	0.0182	3.5000e-004	0.0185	0.0000	53.1537	53.1537	1.7000e-003	1.5600e-003	53.6613
<b>Total</b>	<b>0.0275</b>	<b>0.1498</b>	<b>0.2570</b>	<b>1.2000e-003</b>	<b>0.0908</b>	<b>1.1400e-003</b>	<b>0.0920</b>	<b>0.0247</b>	<b>1.0800e-003</b>	<b>0.0257</b>	<b>0.0000</b>	<b>114.6906</b>	<b>114.6906</b>	<b>4.2300e-003</b>	<b>0.0108</b>	<b>118.0068</b>

**3.5 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	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888
Paving	7.0000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0173</b>	<b>0.1019</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.1000e-003</b>	<b>5.1000e-003</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>20.0269</b>	<b>20.0269</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1888</b>

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**3.5 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	3.0000e-004	3.7300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9406	0.9406	3.0000e-005	3.0000e-005	0.9495
<b>Total</b>	<b>4.3000e-004</b>	<b>3.0000e-004</b>	<b>3.7300e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9406</b>	<b>0.9406</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9495</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888
Paving	7.0000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0173</b>	<b>0.1019</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.1000e-003</b>	<b>5.1000e-003</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>20.0268</b>	<b>20.0268</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1888</b>



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**3.5 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	3.0000e-004	3.7300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9406	0.9406	3.0000e-005	3.0000e-005	0.9495
<b>Total</b>	<b>4.3000e-004</b>	<b>3.0000e-004</b>	<b>3.7300e-003</b>	<b>1.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.9406</b>	<b>0.9406</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9495</b>

**3.6 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	0.9638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
<b>Total</b>	<b>0.9657</b>	<b>0.0130</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>2.5571</b>

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**3.6 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	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	5.7000e-004	4.0000e-004	4.9800e-003	1.0000e-005	1.6100e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.2541	1.2541	4.0000e-005	4.0000e-005	1.2660
<b>Total</b>	<b>5.7000e-004</b>	<b>4.0000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>1.6100e-003</b>	<b>1.0000e-005</b>	<b>1.6200e-003</b>	<b>4.3000e-004</b>	<b>1.0000e-005</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>1.2541</b>	<b>1.2541</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>1.2660</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9638					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
<b>Total</b>	<b>0.9657</b>	<b>0.0130</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>2.5571</b>

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

**3.6 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	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	5.7000e-004	4.0000e-004	4.9800e-003	1.0000e-005	1.6100e-003	1.0000e-005	1.6200e-003	4.3000e-004	1.0000e-005	4.4000e-004	0.0000	1.2541	1.2541	4.0000e-005	4.0000e-005	1.2660
<b>Total</b>	<b>5.7000e-004</b>	<b>4.0000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>1.6100e-003</b>	<b>1.0000e-005</b>	<b>1.6200e-003</b>	<b>4.3000e-004</b>	<b>1.0000e-005</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>1.2541</b>	<b>1.2541</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>1.2660</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2124	0.2626	2.0030	3.9900e-003	0.4215	3.2200e-003	0.4247	0.1125	3.0000e-003	0.1155	0.0000	372.4687	372.4687	0.0257	0.0178	378.4231
Unmitigated	0.2124	0.2626	2.0030	3.9900e-003	0.4215	3.2200e-003	0.4247	0.1125	3.0000e-003	0.1155	0.0000	372.4687	372.4687	0.0257	0.0178	378.4231

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	52.01	11.80	3.74	94,087	94,087
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	351.06	351.06	351.06	1,024,931	1,024,931
<b>Total</b>	<b>403.07</b>	<b>362.86</b>	<b>354.80</b>	<b>1,119,018</b>	<b>1,119,018</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	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	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
General Office Building	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
Parking Lot	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304

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Unrefrigerated Warehouse-No Rail	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
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**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	161.2188	161.2188	0.0136	1.6500e-003	162.0505
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	161.2188	161.2188	0.0136	1.6500e-003	162.0505
NaturalGas Mitigated	4.4900e-003	0.0408	0.0343	2.5000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	44.4618	44.4618	8.5000e-004	8.2000e-004	44.7260
NaturalGas Unmitigated	4.4900e-003	0.0408	0.0343	2.5000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	44.4618	44.4618	8.5000e-004	8.2000e-004	44.7260

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

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	48336.1	2.6000e-004	2.3700e-003	1.9900e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5794	2.5794	5.0000e-005	5.0000e-005	2.5947
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	784846	4.2300e-003	0.0385	0.0323	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003	0.0000	41.8824	41.8824	8.0000e-004	7.7000e-004	42.1313
<b>Total</b>		<b>4.4900e-003</b>	<b>0.0408</b>	<b>0.0343</b>	<b>2.4000e-004</b>		<b>3.1000e-003</b>	<b>3.1000e-003</b>		<b>3.1000e-003</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>44.4618</b>	<b>44.4618</b>	<b>8.5000e-004</b>	<b>8.2000e-004</b>	<b>44.7260</b>

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	48336.1	2.6000e-004	2.3700e-003	1.9900e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5794	2.5794	5.0000e-005	5.0000e-005	2.5947
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	784846	4.2300e-003	0.0385	0.0323	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003	0.0000	41.8824	41.8824	8.0000e-004	7.7000e-004	42.1313
<b>Total</b>		<b>4.4900e-003</b>	<b>0.0408</b>	<b>0.0343</b>	<b>2.4000e-004</b>		<b>3.1000e-003</b>	<b>3.1000e-003</b>		<b>3.1000e-003</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>44.4618</b>	<b>44.4618</b>	<b>8.5000e-004</b>	<b>8.2000e-004</b>	<b>44.7260</b>

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

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	72050.1	12.7778	1.0800e-003	1.3000e-004	12.8437
Parking Lot	9800	1.7380	1.5000e-004	2.0000e-005	1.7470
Unrefrigerated Warehouse-No Rail	827216	146.7031	0.0124	1.5000e-003	147.4599
<b>Total</b>		<b>161.2188</b>	<b>0.0136</b>	<b>1.6500e-003</b>	<b>162.0505</b>



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

**5.3 Energy by Land Use - Electricity**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	72050.1	12.7778	1.0800e-003	1.3000e-004	12.8437
Parking Lot	9800	1.7380	1.5000e-004	2.0000e-005	1.7470
Unrefrigerated Warehouse-No Rail	827216	146.7031	0.0124	1.5000e-003	147.4599
<b>Total</b>		<b>161.2188</b>	<b>0.0136</b>	<b>1.6500e-003</b>	<b>162.0505</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9073	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-003
Unmitigated	0.9073	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-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	0.0964					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-003
<b>Total</b>	<b>0.9073</b>	<b>2.0000e-005</b>	<b>2.5500e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.9500e-003</b>	<b>4.9500e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.2800e-003</b>

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0964					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.4000e-004	2.0000e-005	2.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.9500e-003	4.9500e-003	1.0000e-005	0.0000	5.2800e-003
<b>Total</b>	<b>0.9073</b>	<b>2.0000e-005</b>	<b>2.5500e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>4.9500e-003</b>	<b>4.9500e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.2800e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	126.1821	1.5606	0.0378	176.4515
Unmitigated	126.1821	1.5606	0.0378	176.4515

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.949098 / 0.581705	3.6389	0.0312	7.6000e-004	4.6469
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	46.657 / 0	122.5432	1.5294	0.0370	171.8046
<b>Total</b>		<b>126.1821</b>	<b>1.5606</b>	<b>0.0378</b>	<b>176.4515</b>

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.949098 / 0.581705	3.6389	0.0312	7.6000e-004	4.6469
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	46.657 / 0	122.5432	1.5294	0.0370	171.8046
<b>Total</b>		<b>126.1821</b>	<b>1.5606</b>	<b>0.0378</b>	<b>176.4515</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	39.5061	2.3347	0.0000	97.8747
Unmitigated	39.5061	2.3347	0.0000	97.8747

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	4.97	1.0089	0.0596	0.0000	2.4994
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	189.65	38.4972	2.2751	0.0000	95.3753
<b>Total</b>		<b>39.5061</b>	<b>2.3347</b>	<b>0.0000</b>	<b>97.8747</b>

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	4.97	1.0089	0.0596	0.0000	2.4994
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	189.65	38.4972	2.2751	0.0000	95.3753
<b>Total</b>		<b>39.5061</b>	<b>2.3347</b>	<b>0.0000</b>	<b>97.8747</b>

**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**

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

**11.0 Vegetation**

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2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**2420 Oxnard Blvd U-Haul  
Ventura County APCD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5.34	1000sqft	0.00	5,341.00	0
Unrefrigerated Warehouse-No Rail	201.76	1000sqft	3.56	201,760.00	0
Parking Lot	70.00	Space	5.34	28,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	390.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics -

Land Use - square footage per site plan. Mercantile areas modeled as general office building. 70 parking spaces per site plan. Lot acreage = 8.9 per proposal

Construction Phase - No demo phase; Frame of existing structure to remain intact per site plan

Grading - Balanced site assumed

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	5,340.00	5,341.00
tblLandUse	LotAcreage	0.12	0.00
tblLandUse	LotAcreage	4.63	3.56
tblLandUse	LotAcreage	0.63	5.34

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**2.0 Emissions Summary**

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2258	33.1195	20.1982	0.0416	19.8049	1.6134	21.4183	10.1417	1.4844	11.6260	0.0000	4,094.4017	4,094.4017	1.1963	0.1425	4,153.5311
2023	96.6301	16.0368	19.2852	0.0410	1.0690	0.7129	1.7818	0.2895	0.6708	0.9603	0.0000	4,041.9345	4,041.9345	0.7171	0.1356	4,098.8691
<b>Maximum</b>	<b>96.6301</b>	<b>33.1195</b>	<b>20.1982</b>	<b>0.0416</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4844</b>	<b>11.6260</b>	<b>0.0000</b>	<b>4,094.4017</b>	<b>4,094.4017</b>	<b>1.1963</b>	<b>0.1425</b>	<b>4,153.5311</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2258	33.1195	20.1982	0.0416	19.8049	1.6134	21.4183	10.1417	1.4844	11.6260	0.0000	4,094.4017	4,094.4017	1.1963	0.1425	4,153.5311
2023	96.6301	16.0368	19.2852	0.0410	1.0690	0.7129	1.7818	0.2895	0.6708	0.9603	0.0000	4,041.9345	4,041.9345	0.7171	0.1356	4,098.8691
<b>Maximum</b>	<b>96.6301</b>	<b>33.1195</b>	<b>20.1982</b>	<b>0.0416</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4844</b>	<b>11.6260</b>	<b>0.0000</b>	<b>4,094.4017</b>	<b>4,094.4017</b>	<b>1.1963</b>	<b>0.1425</b>	<b>4,153.5311</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
Mobile	1.2452	1.3666	11.1045	0.0232	2.4225	0.0182	2.4406	0.6458	0.0170	0.6628		2,387.9880	2,387.9880	0.1530	0.1054	2,423.2290
<b>Total</b>	<b>6.2425</b>	<b>1.5907</b>	<b>11.3208</b>	<b>0.0246</b>	<b>2.4225</b>	<b>0.0353</b>	<b>2.4578</b>	<b>0.6458</b>	<b>0.0341</b>	<b>0.6799</b>		<b>2,656.6006</b>	<b>2,656.6006</b>	<b>0.1583</b>	<b>0.1104</b>	<b>2,693.4414</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	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
Mobile	1.2452	1.3666	11.1045	0.0232	2.4225	0.0182	2.4406	0.6458	0.0170	0.6628		2,387.9880	2,387.9880	0.1530	0.1054	2,423.2290
<b>Total</b>	<b>6.2425</b>	<b>1.5907</b>	<b>11.3208</b>	<b>0.0246</b>	<b>2.4225</b>	<b>0.0353</b>	<b>2.4578</b>	<b>0.6458</b>	<b>0.0341</b>	<b>0.6799</b>		<b>2,656.6006</b>	<b>2,656.6006</b>	<b>0.1583</b>	<b>0.1104</b>	<b>2,693.4414</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Site Preparation	Site Preparation	9/1/2022	9/14/2022	5	10	
2	Grading	Grading	9/15/2022	10/12/2022	5	20	
3	Building Construction	Building Construction	10/13/2022	8/30/2023	5	230	
4	Paving	Paving	8/31/2023	9/27/2023	5	20	
5	Architectural Coating	Architectural Coating	9/28/2023	10/25/2023	5	20	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 5.34**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 310,652; Non-Residential Outdoor: 103,551; Striped Parking Area: 1,680 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	98.00	39.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</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	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	0.0557	0.0360	0.5004	1.3000e-003	0.1479	8.5000e-004	0.1487	0.0392	7.8000e-004	0.0400		132.6004	132.6004	4.1900e-003	3.6400e-003	133.7886
<b>Total</b>	<b>0.0557</b>	<b>0.0360</b>	<b>0.5004</b>	<b>1.3000e-003</b>	<b>0.1479</b>	<b>8.5000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.8000e-004</b>	<b>0.0400</b>		<b>132.6004</b>	<b>132.6004</b>	<b>4.1900e-003</b>	<b>3.6400e-003</b>	<b>133.7886</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.2 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</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	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	0.0557	0.0360	0.5004	1.3000e-003	0.1479	8.5000e-004	0.1487	0.0392	7.8000e-004	0.0400		132.6004	132.6004	4.1900e-003	3.6400e-003	133.7886
<b>Total</b>	<b>0.0557</b>	<b>0.0360</b>	<b>0.5004</b>	<b>1.3000e-003</b>	<b>0.1479</b>	<b>8.5000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.8000e-004</b>	<b>0.0400</b>		<b>132.6004</b>	<b>132.6004</b>	<b>4.1900e-003</b>	<b>3.6400e-003</b>	<b>133.7886</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.9409</b>	<b>8.0234</b>	<b>3.4247</b>	<b>0.8656</b>	<b>4.2903</b>		<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</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	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	0.0464	0.0300	0.4170	1.0900e-003	0.1232	7.1000e-004	0.1239	0.0327	6.5000e-004	0.0333		110.5003	110.5003	3.4900e-003	3.0300e-003	111.4905
<b>Total</b>	<b>0.0464</b>	<b>0.0300</b>	<b>0.4170</b>	<b>1.0900e-003</b>	<b>0.1232</b>	<b>7.1000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.5000e-004</b>	<b>0.0333</b>		<b>110.5003</b>	<b>110.5003</b>	<b>3.4900e-003</b>	<b>3.0300e-003</b>	<b>111.4905</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.3 Grading - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.9409</b>	<b>8.0234</b>	<b>3.4247</b>	<b>0.8656</b>	<b>4.2903</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

**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	0.0464	0.0300	0.4170	1.0900e-003	0.1232	7.1000e-004	0.1239	0.0327	6.5000e-004	0.0333		110.5003	110.5003	3.4900e-003	3.0300e-003	111.4905
<b>Total</b>	<b>0.0464</b>	<b>0.0300</b>	<b>0.4170</b>	<b>1.0900e-003</b>	<b>0.1232</b>	<b>7.1000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.5000e-004</b>	<b>0.0333</b>		<b>110.5003</b>	<b>110.5003</b>	<b>3.4900e-003</b>	<b>3.0300e-003</b>	<b>111.4905</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

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

**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	0.0651	1.8740	0.5926	7.5600e-003	0.2639	0.0214	0.2853	0.0760	0.0205	0.0964		818.1326	818.1326	0.0325	0.1227	855.4944
Worker	0.3031	0.1958	2.7244	7.1000e-003	0.8051	4.6200e-003	0.8097	0.2135	4.2500e-003	0.2178		721.9355	721.9355	0.0228	0.0198	728.4045
<b>Total</b>	<b>0.3682</b>	<b>2.0698</b>	<b>3.3170</b>	<b>0.0147</b>	<b>1.0689</b>	<b>0.0260</b>	<b>1.0949</b>	<b>0.2895</b>	<b>0.0247</b>	<b>0.3142</b>		<b>1,540.0681</b>	<b>1,540.0681</b>	<b>0.0553</b>	<b>0.1425</b>	<b>1,583.8989</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.4 Building Construction - 2022**

**Mitigated Construction On-Site**

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

**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	0.0651	1.8740	0.5926	7.5600e-003	0.2639	0.0214	0.2853	0.0760	0.0205	0.0964		818.1326	818.1326	0.0325	0.1227	855.4944
Worker	0.3031	0.1958	2.7244	7.1000e-003	0.8051	4.6200e-003	0.8097	0.2135	4.2500e-003	0.2178		721.9355	721.9355	0.0228	0.0198	728.4045
<b>Total</b>	<b>0.3682</b>	<b>2.0698</b>	<b>3.3170</b>	<b>0.0147</b>	<b>1.0689</b>	<b>0.0260</b>	<b>1.0949</b>	<b>0.2895</b>	<b>0.0247</b>	<b>0.3142</b>		<b>1,540.0681</b>	<b>1,540.0681</b>	<b>0.0553</b>	<b>0.1425</b>	<b>1,583.8989</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.4 Building Construction - 2023**

**Unmitigated Construction On-Site**

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

**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	0.0387	1.4776	0.5250	7.2200e-003	0.2639	8.7800e-003	0.2727	0.0760	8.4000e-003	0.0844		783.7231	783.7231	0.0322	0.1173	819.4743
Worker	0.2820	0.1743	2.5162	6.8700e-003	0.8051	4.3600e-003	0.8094	0.2135	4.0200e-003	0.2176		703.0015	703.0015	0.0206	0.0184	708.9888
<b>Total</b>	<b>0.3207</b>	<b>1.6519</b>	<b>3.0412</b>	<b>0.0141</b>	<b>1.0690</b>	<b>0.0131</b>	<b>1.0821</b>	<b>0.2895</b>	<b>0.0124</b>	<b>0.3019</b>		<b>1,486.7246</b>	<b>1,486.7246</b>	<b>0.0529</b>	<b>0.1356</b>	<b>1,528.4631</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.4 Building Construction - 2023**

**Mitigated Construction On-Site**

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

**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	0.0387	1.4776	0.5250	7.2200e-003	0.2639	8.7800e-003	0.2727	0.0760	8.4000e-003	0.0844		783.7231	783.7231	0.0322	0.1173	819.4743
Worker	0.2820	0.1743	2.5162	6.8700e-003	0.8051	4.3600e-003	0.8094	0.2135	4.0200e-003	0.2176		703.0015	703.0015	0.0206	0.0184	708.9888
<b>Total</b>	<b>0.3207</b>	<b>1.6519</b>	<b>3.0412</b>	<b>0.0141</b>	<b>1.0690</b>	<b>0.0131</b>	<b>1.0821</b>	<b>0.2895</b>	<b>0.0124</b>	<b>0.3019</b>		<b>1,486.7246</b>	<b>1,486.7246</b>	<b>0.0529</b>	<b>0.1356</b>	<b>1,528.4631</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.5 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.6995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7323</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**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	0.0432	0.0267	0.3851	1.0500e-003	0.1232	6.7000e-004	0.1239	0.0327	6.1000e-004	0.0333		107.6023	107.6023	3.1600e-003	2.8100e-003	108.5187
<b>Total</b>	<b>0.0432</b>	<b>0.0267</b>	<b>0.3851</b>	<b>1.0500e-003</b>	<b>0.1232</b>	<b>6.7000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.1000e-004</b>	<b>0.0333</b>		<b>107.6023</b>	<b>107.6023</b>	<b>3.1600e-003</b>	<b>2.8100e-003</b>	<b>108.5187</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.5 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.6995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7323</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

**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	0.0432	0.0267	0.3851	1.0500e-003	0.1232	6.7000e-004	0.1239	0.0327	6.1000e-004	0.0333		107.6023	107.6023	3.1600e-003	2.8100e-003	108.5187
<b>Total</b>	<b>0.0432</b>	<b>0.0267</b>	<b>0.3851</b>	<b>1.0500e-003</b>	<b>0.1232</b>	<b>6.7000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.1000e-004</b>	<b>0.0333</b>		<b>107.6023</b>	<b>107.6023</b>	<b>3.1600e-003</b>	<b>2.8100e-003</b>	<b>108.5187</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.6 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	96.3809					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>96.5726</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**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	0.0575	0.0356	0.5135	1.4000e-003	0.1643	8.9000e-004	0.1652	0.0436	8.2000e-004	0.0444		143.4697	143.4697	4.2100e-003	3.7500e-003	144.6916
<b>Total</b>	<b>0.0575</b>	<b>0.0356</b>	<b>0.5135</b>	<b>1.4000e-003</b>	<b>0.1643</b>	<b>8.9000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.2000e-004</b>	<b>0.0444</b>		<b>143.4697</b>	<b>143.4697</b>	<b>4.2100e-003</b>	<b>3.7500e-003</b>	<b>144.6916</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**3.6 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	lb/day										lb/day					
Archit. Coating	96.3809					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>96.5726</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**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	0.0575	0.0356	0.5135	1.4000e-003	0.1643	8.9000e-004	0.1652	0.0436	8.2000e-004	0.0444		143.4697	143.4697	4.2100e-003	3.7500e-003	144.6916
<b>Total</b>	<b>0.0575</b>	<b>0.0356</b>	<b>0.5135</b>	<b>1.4000e-003</b>	<b>0.1643</b>	<b>8.9000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.2000e-004</b>	<b>0.0444</b>		<b>143.4697</b>	<b>143.4697</b>	<b>4.2100e-003</b>	<b>3.7500e-003</b>	<b>144.6916</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.2452	1.3666	11.1045	0.0232	2.4225	0.0182	2.4406	0.6458	0.0170	0.6628		2,387.988 0	2,387.988 0	0.1530	0.1054	2,423.229 0
Unmitigated	1.2452	1.3666	11.1045	0.0232	2.4225	0.0182	2.4406	0.6458	0.0170	0.6628		2,387.988 0	2,387.988 0	0.1530	0.1054	2,423.229 0

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	52.01	11.80	3.74	94,087	94,087
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	351.06	351.06	351.06	1,024,931	1,024,931
<b>Total</b>	<b>403.07</b>	<b>362.86</b>	<b>354.80</b>	<b>1,119,018</b>	<b>1,119,018</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	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
Parking Lot	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
Unrefrigerated Warehouse-No Rail	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304

**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	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
NaturalGas Unmitigated	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	132.428	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.5797	15.5797	3.0000e-004	2.9000e-004	15.6723
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2150.26	0.0232	0.2108	0.1771	1.2600e-003		0.0160	0.0160		0.0160	0.0160		252.9723	252.9723	4.8500e-003	4.6400e-003	254.4755
<b>Total</b>		<b>0.0246</b>	<b>0.2238</b>	<b>0.1880</b>	<b>1.3400e-003</b>		<b>0.0170</b>	<b>0.0170</b>		<b>0.0170</b>	<b>0.0170</b>		<b>268.5520</b>	<b>268.5520</b>	<b>5.1500e-003</b>	<b>4.9300e-003</b>	<b>270.1478</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.132428	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.5797	15.5797	3.0000e-004	2.9000e-004	15.6723
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2.15026	0.0232	0.2108	0.1771	1.2600e-003		0.0160	0.0160		0.0160	0.0160		252.9723	252.9723	4.8500e-003	4.6400e-003	254.4755
<b>Total</b>		<b>0.0246</b>	<b>0.2238</b>	<b>0.1880</b>	<b>1.3400e-003</b>		<b>0.0170</b>	<b>0.0170</b>		<b>0.0170</b>	<b>0.0170</b>		<b>268.5520</b>	<b>268.5520</b>	<b>5.1500e-003</b>	<b>4.9300e-003</b>	<b>270.1478</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Unmitigated	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646

**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	0.5281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.4419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6200e-003	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
<b>Total</b>	<b>4.9726</b>	<b>2.6000e-004</b>	<b>0.0283</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0606</b>	<b>0.0606</b>	<b>1.6000e-004</b>		<b>0.0646</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.4419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6200e-003	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
<b>Total</b>	<b>4.9726</b>	<b>2.6000e-004</b>	<b>0.0283</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0606</b>	<b>0.0606</b>	<b>1.6000e-004</b>		<b>0.0646</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Summer

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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**2420 Oxnard Blvd U-Haul  
Ventura County APCD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5.34	1000sqft	0.00	5,341.00	0
Unrefrigerated Warehouse-No Rail	201.76	1000sqft	3.56	201,760.00	0
Parking Lot	70.00	Space	5.34	28,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	390.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

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

Project Characteristics -

Land Use - square footage per site plan. Mercantile areas modeled as general office building. 70 parking spaces per site plan. Lot acreage = 8.9 per proposal

Construction Phase - No demo phase; Frame of existing structure to remain intact per site plan

Grading - Balanced site assumed

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	5,340.00	5,341.00
tblLandUse	LotAcreage	0.12	0.00
tblLandUse	LotAcreage	4.63	3.56
tblLandUse	LotAcreage	0.63	5.34

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**2.0 Emissions Summary**

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2301	33.1257	20.1879	0.0413	19.8049	1.6134	21.4183	10.1417	1.4844	11.6260	0.0000	4,063.4687	4,063.4687	1.1967	0.1448	4,123.3518
2023	96.6347	16.1317	19.2558	0.0407	1.0690	0.7129	1.7819	0.2895	0.6709	0.9604	0.0000	4,012.6357	4,012.6357	0.7174	0.1379	4,070.3017
<b>Maximum</b>	<b>96.6347</b>	<b>33.1257</b>	<b>20.1879</b>	<b>0.0413</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4844</b>	<b>11.6260</b>	<b>0.0000</b>	<b>4,063.4687</b>	<b>4,063.4687</b>	<b>1.1967</b>	<b>0.1448</b>	<b>4,123.3518</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2301	33.1257	20.1879	0.0413	19.8049	1.6134	21.4183	10.1417	1.4844	11.6260	0.0000	4,063.4687	4,063.4687	1.1967	0.1448	4,123.3518
2023	96.6347	16.1317	19.2558	0.0407	1.0690	0.7129	1.7819	0.2895	0.6709	0.9604	0.0000	4,012.6357	4,012.6357	0.7174	0.1379	4,070.3017
<b>Maximum</b>	<b>96.6347</b>	<b>33.1257</b>	<b>20.1879</b>	<b>0.0413</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4844</b>	<b>11.6260</b>	<b>0.0000</b>	<b>4,063.4687</b>	<b>4,063.4687</b>	<b>1.1967</b>	<b>0.1448</b>	<b>4,123.3518</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
Mobile	1.2158	1.5108	11.7235	0.0225	2.4225	0.0182	2.4407	0.6458	0.0170	0.6628		2,307.6646	2,307.6646	0.1658	0.1130	2,345.4915
<b>Total</b>	<b>6.2130</b>	<b>1.7348</b>	<b>11.9397</b>	<b>0.0238</b>	<b>2.4225</b>	<b>0.0353</b>	<b>2.4578</b>	<b>0.6458</b>	<b>0.0341</b>	<b>0.6799</b>		<b>2,576.2772</b>	<b>2,576.2772</b>	<b>0.1711</b>	<b>0.1180</b>	<b>2,615.7040</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	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
Mobile	1.2158	1.5108	11.7235	0.0225	2.4225	0.0182	2.4407	0.6458	0.0170	0.6628		2,307.6646	2,307.6646	0.1658	0.1130	2,345.4915
<b>Total</b>	<b>6.2130</b>	<b>1.7348</b>	<b>11.9397</b>	<b>0.0238</b>	<b>2.4225</b>	<b>0.0353</b>	<b>2.4578</b>	<b>0.6458</b>	<b>0.0341</b>	<b>0.6799</b>		<b>2,576.2772</b>	<b>2,576.2772</b>	<b>0.1711</b>	<b>0.1180</b>	<b>2,615.7040</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Site Preparation	Site Preparation	9/1/2022	9/14/2022	5	10	
2	Grading	Grading	9/15/2022	10/12/2022	5	20	
3	Building Construction	Building Construction	10/13/2022	8/30/2023	5	230	
4	Paving	Paving	8/31/2023	9/27/2023	5	20	
5	Architectural Coating	Architectural Coating	9/28/2023	10/25/2023	5	20	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 20**

**Acres of Paving: 5.34**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 310,652; Non-Residential Outdoor: 103,551; Striped Parking Area: 1,680 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	98.00	39.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</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	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	0.0600	0.0421	0.4901	1.2500e-003	0.1479	8.5000e-004	0.1487	0.0392	7.8000e-004	0.0400		126.8480	126.8480	4.5500e-003	4.0400e-003	128.1667
<b>Total</b>	<b>0.0600</b>	<b>0.0421</b>	<b>0.4901</b>	<b>1.2500e-003</b>	<b>0.1479</b>	<b>8.5000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.8000e-004</b>	<b>0.0400</b>		<b>126.8480</b>	<b>126.8480</b>	<b>4.5500e-003</b>	<b>4.0400e-003</b>	<b>128.1667</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.2 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</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	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	0.0600	0.0421	0.4901	1.2500e-003	0.1479	8.5000e-004	0.1487	0.0392	7.8000e-004	0.0400		126.8480	126.8480	4.5500e-003	4.0400e-003	128.1667
<b>Total</b>	<b>0.0600</b>	<b>0.0421</b>	<b>0.4901</b>	<b>1.2500e-003</b>	<b>0.1479</b>	<b>8.5000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.8000e-004</b>	<b>0.0400</b>		<b>126.8480</b>	<b>126.8480</b>	<b>4.5500e-003</b>	<b>4.0400e-003</b>	<b>128.1667</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.9409</b>	<b>8.0234</b>	<b>3.4247</b>	<b>0.8656</b>	<b>4.2903</b>		<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</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	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	0.0500	0.0351	0.4084	1.0400e-003	0.1232	7.1000e-004	0.1239	0.0327	6.5000e-004	0.0333		105.7066	105.7066	3.7900e-003	3.3700e-003	106.8056
<b>Total</b>	<b>0.0500</b>	<b>0.0351</b>	<b>0.4084</b>	<b>1.0400e-003</b>	<b>0.1232</b>	<b>7.1000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.5000e-004</b>	<b>0.0333</b>		<b>105.7066</b>	<b>105.7066</b>	<b>3.7900e-003</b>	<b>3.3700e-003</b>	<b>106.8056</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.3 Grading - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.046 4	2,872.046 4	0.9289		2,895.268 4
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.0826</b>	<b>0.9409</b>	<b>8.0234</b>	<b>3.4247</b>	<b>0.8656</b>	<b>4.2903</b>	<b>0.0000</b>	<b>2,872.046 4</b>	<b>2,872.046 4</b>	<b>0.9289</b>		<b>2,895.268 4</b>

**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	0.0500	0.0351	0.4084	1.0400e-003	0.1232	7.1000e-004	0.1239	0.0327	6.5000e-004	0.0333		105.7066	105.7066	3.7900e-003	3.3700e-003	106.8056
<b>Total</b>	<b>0.0500</b>	<b>0.0351</b>	<b>0.4084</b>	<b>1.0400e-003</b>	<b>0.1232</b>	<b>7.1000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.5000e-004</b>	<b>0.0333</b>		<b>105.7066</b>	<b>105.7066</b>	<b>3.7900e-003</b>	<b>3.3700e-003</b>	<b>106.8056</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

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

**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	0.0642	1.9486	0.6128	7.5600e-003	0.2639	0.0215	0.2854	0.0760	0.0205	0.0965		818.5185	818.5185	0.0324	0.1228	855.9229
Worker	0.3266	0.2294	2.6683	6.7900e-003	0.8051	4.6200e-003	0.8097	0.2135	4.2500e-003	0.2178		690.6166	690.6166	0.0248	0.0220	697.7967
<b>Total</b>	<b>0.3908</b>	<b>2.1779</b>	<b>3.2811</b>	<b>0.0144</b>	<b>1.0689</b>	<b>0.0261</b>	<b>1.0950</b>	<b>0.2895</b>	<b>0.0248</b>	<b>0.3143</b>		<b>1,509.1351</b>	<b>1,509.1351</b>	<b>0.0572</b>	<b>0.1448</b>	<b>1,553.7196</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.4 Building Construction - 2022**

**Mitigated Construction On-Site**

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

**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	0.0642	1.9486	0.6128	7.5600e-003	0.2639	0.0215	0.2854	0.0760	0.0205	0.0965		818.5185	818.5185	0.0324	0.1228	855.9229
Worker	0.3266	0.2294	2.6683	6.7900e-003	0.8051	4.6200e-003	0.8097	0.2135	4.2500e-003	0.2178		690.6166	690.6166	0.0248	0.0220	697.7967
<b>Total</b>	<b>0.3908</b>	<b>2.1779</b>	<b>3.2811</b>	<b>0.0144</b>	<b>1.0689</b>	<b>0.0261</b>	<b>1.0950</b>	<b>0.2895</b>	<b>0.0248</b>	<b>0.3143</b>		<b>1,509.1351</b>	<b>1,509.1351</b>	<b>0.0572</b>	<b>0.1448</b>	<b>1,553.7196</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.4 Building Construction - 2023**

**Unmitigated Construction On-Site**

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

**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	0.0373	1.5427	0.5418	7.2300e-003	0.2639	8.8400e-003	0.2727	0.0760	8.4500e-003	0.0844		784.8452	784.8452	0.0321	0.1175	820.6704
Worker	0.3045	0.2041	2.4701	6.5700e-003	0.8051	4.3600e-003	0.8094	0.2135	4.0200e-003	0.2176		672.5806	672.5806	0.0225	0.0204	679.2252
<b>Total</b>	<b>0.3418</b>	<b>1.7468</b>	<b>3.0118</b>	<b>0.0138</b>	<b>1.0690</b>	<b>0.0132</b>	<b>1.0822</b>	<b>0.2895</b>	<b>0.0125</b>	<b>0.3020</b>		<b>1,457.4258</b>	<b>1,457.4258</b>	<b>0.0546</b>	<b>0.1379</b>	<b>1,499.8957</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.4 Building Construction - 2023**

**Mitigated Construction On-Site**

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

**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	0.0373	1.5427	0.5418	7.2300e-003	0.2639	8.8400e-003	0.2727	0.0760	8.4500e-003	0.0844		784.8452	784.8452	0.0321	0.1175	820.6704
Worker	0.3045	0.2041	2.4701	6.5700e-003	0.8051	4.3600e-003	0.8094	0.2135	4.0200e-003	0.2176		672.5806	672.5806	0.0225	0.0204	679.2252
<b>Total</b>	<b>0.3418</b>	<b>1.7468</b>	<b>3.0118</b>	<b>0.0138</b>	<b>1.0690</b>	<b>0.0132</b>	<b>1.0822</b>	<b>0.2895</b>	<b>0.0125</b>	<b>0.3020</b>		<b>1,457.4258</b>	<b>1,457.4258</b>	<b>0.0546</b>	<b>0.1379</b>	<b>1,499.8957</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.5 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.6995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7323</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**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	0.0466	0.0312	0.3781	1.0100e-003	0.1232	6.7000e-004	0.1239	0.0327	6.1000e-004	0.0333		102.9460	102.9460	3.4400e-003	3.1200e-003	103.9631
<b>Total</b>	<b>0.0466</b>	<b>0.0312</b>	<b>0.3781</b>	<b>1.0100e-003</b>	<b>0.1232</b>	<b>6.7000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.1000e-004</b>	<b>0.0333</b>		<b>102.9460</b>	<b>102.9460</b>	<b>3.4400e-003</b>	<b>3.1200e-003</b>	<b>103.9631</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.5 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	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.6995					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7323</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.584 1</b>	<b>2,207.584 1</b>	<b>0.7140</b>		<b>2,225.433 6</b>

**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	0.0466	0.0312	0.3781	1.0100e-003	0.1232	6.7000e-004	0.1239	0.0327	6.1000e-004	0.0333		102.9460	102.9460	3.4400e-003	3.1200e-003	103.9631
<b>Total</b>	<b>0.0466</b>	<b>0.0312</b>	<b>0.3781</b>	<b>1.0100e-003</b>	<b>0.1232</b>	<b>6.7000e-004</b>	<b>0.1239</b>	<b>0.0327</b>	<b>6.1000e-004</b>	<b>0.0333</b>		<b>102.9460</b>	<b>102.9460</b>	<b>3.4400e-003</b>	<b>3.1200e-003</b>	<b>103.9631</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.6 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	96.3809					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>96.5726</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**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	0.0621	0.0417	0.5041	1.3400e-003	0.1643	8.9000e-004	0.1652	0.0436	8.2000e-004	0.0444		137.2614	137.2614	4.5900e-003	4.1700e-003	138.6174
<b>Total</b>	<b>0.0621</b>	<b>0.0417</b>	<b>0.5041</b>	<b>1.3400e-003</b>	<b>0.1643</b>	<b>8.9000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.2000e-004</b>	<b>0.0444</b>		<b>137.2614</b>	<b>137.2614</b>	<b>4.5900e-003</b>	<b>4.1700e-003</b>	<b>138.6174</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**3.6 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	lb/day										lb/day					
Archit. Coating	96.3809					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>96.5726</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**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	0.0621	0.0417	0.5041	1.3400e-003	0.1643	8.9000e-004	0.1652	0.0436	8.2000e-004	0.0444		137.2614	137.2614	4.5900e-003	4.1700e-003	138.6174
<b>Total</b>	<b>0.0621</b>	<b>0.0417</b>	<b>0.5041</b>	<b>1.3400e-003</b>	<b>0.1643</b>	<b>8.9000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.2000e-004</b>	<b>0.0444</b>		<b>137.2614</b>	<b>137.2614</b>	<b>4.5900e-003</b>	<b>4.1700e-003</b>	<b>138.6174</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.2158	1.5108	11.7235	0.0225	2.4225	0.0182	2.4407	0.6458	0.0170	0.6628		2,307.6646	2,307.6646	0.1658	0.1130	2,345.4915
Unmitigated	1.2158	1.5108	11.7235	0.0225	2.4225	0.0182	2.4407	0.6458	0.0170	0.6628		2,307.6646	2,307.6646	0.1658	0.1130	2,345.4915

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	52.01	11.80	3.74	94,087	94,087
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	351.06	351.06	351.06	1,024,931	1,024,931
<b>Total</b>	<b>403.07</b>	<b>362.86</b>	<b>354.80</b>	<b>1,119,018</b>	<b>1,119,018</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	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
Parking Lot	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304
Unrefrigerated Warehouse-No Rail	0.543528	0.058189	0.173108	0.133952	0.027894	0.007577	0.011427	0.006062	0.000688	0.000393	0.029232	0.000646	0.007304

**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	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478
NaturalGas Unmitigated	0.0246	0.2238	0.1880	1.3400e-003		0.0170	0.0170		0.0170	0.0170		268.5520	268.5520	5.1500e-003	4.9200e-003	270.1478

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	132.428	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.5797	15.5797	3.0000e-004	2.9000e-004	15.6723
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2150.26	0.0232	0.2108	0.1771	1.2600e-003		0.0160	0.0160		0.0160	0.0160		252.9723	252.9723	4.8500e-003	4.6400e-003	254.4755
<b>Total</b>		<b>0.0246</b>	<b>0.2238</b>	<b>0.1880</b>	<b>1.3400e-003</b>		<b>0.0170</b>	<b>0.0170</b>		<b>0.0170</b>	<b>0.0170</b>		<b>268.5520</b>	<b>268.5520</b>	<b>5.1500e-003</b>	<b>4.9300e-003</b>	<b>270.1478</b>

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.132428	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004		15.5797	15.5797	3.0000e-004	2.9000e-004	15.6723
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2.15026	0.0232	0.2108	0.1771	1.2600e-003		0.0160	0.0160		0.0160	0.0160		252.9723	252.9723	4.8500e-003	4.6400e-003	254.4755
<b>Total</b>		<b>0.0246</b>	<b>0.2238</b>	<b>0.1880</b>	<b>1.3400e-003</b>		<b>0.0170</b>	<b>0.0170</b>		<b>0.0170</b>	<b>0.0170</b>		<b>268.5520</b>	<b>268.5520</b>	<b>5.1500e-003</b>	<b>4.9300e-003</b>	<b>270.1478</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Unmitigated	4.9726	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646

**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	0.5281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.4419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6200e-003	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
<b>Total</b>	<b>4.9726</b>	<b>2.6000e-004</b>	<b>0.0283</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0606</b>	<b>0.0606</b>	<b>1.6000e-004</b>		<b>0.0646</b>



2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.4419					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6200e-003	2.6000e-004	0.0283	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
<b>Total</b>	<b>4.9726</b>	<b>2.6000e-004</b>	<b>0.0283</b>	<b>0.0000</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>0.0606</b>	<b>0.0606</b>	<b>1.6000e-004</b>		<b>0.0646</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

2420 Oxnard Blvd U-Haul - Ventura County APCD Air District, Winter

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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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