

9818 Scripps Health Headquarters - San Diego County APCD Air District, Summer

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

**9818 Scripps Health Headquarters  
San Diego 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	157.06	1000sqft	0.61	157,063.00	0
Unenclosed Parking with Elevator	403.00	Space	0.69	119,500.00	0
Parking Lot	122.00	Space	2.49	48,800.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	40
<b>Climate Zone</b>	13			<b>Operational Year</b>	2024
<b>Utility Company</b>	San Diego Gas & Electric				
<b>CO2 Intensity (lb/MWhr)</b>	539.98	<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 - 131,200 sf office building + 25,863 sf basement  
403 space, 119,500 sf parking structure  
122 surface and below grade parking spaces

Grading - 13,600 cy export

Demolition -

Architectural Coating - SDAPCD Rule 67.0.1

Vehicle Trips - 10 trips/ksf

Weekend trips adjusted proportionately

Area Coating - SDAPCD Rule 67.0.1

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblGrading	MaterialExported	0.00	13,600.00
tblLandUse	LandUseSquareFeet	161,200.00	119,500.00
tblLandUse	LotAcreage	3.61	0.61
tblLandUse	LotAcreage	3.63	0.69
tblLandUse	LotAcreage	1.10	2.49
tblVehicleTrips	ST_TR	2.21	2.27
tblVehicleTrips	SU_TR	0.70	0.72
tblVehicleTrips	WD_TR	9.74	10.00

**2.0 Emissions Summary**

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

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2227	55.3960	24.0509	0.1641	19.8049	1.6134	21.4183	10.1417	1.4843	11.6260	0.0000	17,666.35 26	17,666.35 26	1.6382	2.3349	18,403.10 74
2023	93.8562	16.8624	19.9745	0.0466	1.3529	0.7189	2.0719	0.3670	0.6766	1.0436	0.0000	4,625.611 6	4,625.611 6	0.6674	0.1918	4,699.441 6
<b>Maximum</b>	<b>93.8562</b>	<b>55.3960</b>	<b>24.0509</b>	<b>0.1641</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4843</b>	<b>11.6260</b>	<b>0.0000</b>	<b>17,666.35 26</b>	<b>17,666.35 26</b>	<b>1.6382</b>	<b>2.3349</b>	<b>18,403.10 74</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	3.2227	55.3960	24.0509	0.1641	19.8049	1.6134	21.4183	10.1417	1.4843	11.6260	0.0000	17,666.35 26	17,666.35 26	1.6382	2.3349	18,403.10 74
2023	93.8562	16.8624	19.9745	0.0466	1.3529	0.7189	2.0719	0.3670	0.6766	1.0436	0.0000	4,625.611 6	4,625.611 6	0.6674	0.1918	4,699.441 6
<b>Maximum</b>	<b>93.8562</b>	<b>55.3960</b>	<b>24.0509</b>	<b>0.1641</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4843</b>	<b>11.6260</b>	<b>0.0000</b>	<b>17,666.35 26</b>	<b>17,666.35 26</b>	<b>1.6382</b>	<b>2.3349</b>	<b>18,403.10 74</b>



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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Energy	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
Mobile	4.1662	3.9951	35.2292	0.0755	7.9014	0.0576	7.9589	2.1048	0.0537	2.1585		7,817.8898	7,817.8898	0.5351	0.3355	7,931.2342
<b>Total</b>	<b>8.1479</b>	<b>4.8408</b>	<b>36.0085</b>	<b>0.0806</b>	<b>7.9014</b>	<b>0.1221</b>	<b>8.0234</b>	<b>2.1048</b>	<b>0.1182</b>	<b>2.2229</b>		<b>8,832.0510</b>	<b>8,832.0510</b>	<b>0.5549</b>	<b>0.3541</b>	<b>8,951.4309</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	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Energy	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
Mobile	4.1662	3.9951	35.2292	0.0755	7.9014	0.0576	7.9589	2.1048	0.0537	2.1585		7,817.8898	7,817.8898	0.5351	0.3355	7,931.2342
<b>Total</b>	<b>8.1479</b>	<b>4.8408</b>	<b>36.0085</b>	<b>0.0806</b>	<b>7.9014</b>	<b>0.1221</b>	<b>8.0234</b>	<b>2.1048</b>	<b>0.1182</b>	<b>2.2229</b>		<b>8,832.0510</b>	<b>8,832.0510</b>	<b>0.5549</b>	<b>0.3541</b>	<b>8,951.4309</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2022	7/28/2022	5	20	
2	Site Preparation	Site Preparation	7/29/2022	8/4/2022	5	5	
3	Grading	Grading	8/5/2022	8/16/2022	5	8	
4	Building Construction	Building Construction	8/17/2022	7/4/2023	5	230	
5	Paving	Paving	7/5/2023	7/28/2023	5	18	
6	Architectural Coating	Architectural Coating	7/29/2023	8/23/2023	5	18	

**Acres of Grading (Site Preparation Phase): 7.5**

**Acres of Grading (Grading Phase): 8**

**Acres of Paving: 3.18**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 235,595; Non-Residential Outdoor: 78,532; Striped Parking Area: 10,098 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38

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Grading	Excavators	1	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	137.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
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	1,700.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	121.00	53.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5060	0.0000	1.5060	0.2281	0.0000	0.2281			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>1.5060</b>	<b>1.2427</b>	<b>2.7486</b>	<b>0.2281</b>	<b>1.1553</b>	<b>1.3833</b>		<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</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	0.0307	1.1125	0.2704	4.3000e-003	0.1198	0.0107	0.1305	0.0328	0.0103	0.0431		473.2114	473.2114	0.0228	0.0752	496.1814
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	0.0438	0.0285	0.3889	1.1200e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		114.3907	114.3907	3.2800e-003	2.9500e-003	115.3516
<b>Total</b>	<b>0.0745</b>	<b>1.1410</b>	<b>0.6594</b>	<b>5.4200e-003</b>	<b>0.2430</b>	<b>0.0114</b>	<b>0.2544</b>	<b>0.0655</b>	<b>0.0109</b>	<b>0.0764</b>		<b>587.6021</b>	<b>587.6021</b>	<b>0.0260</b>	<b>0.0781</b>	<b>611.5330</b>



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**3.2 Demolition - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5060	0.0000	1.5060	0.2281	0.0000	0.2281			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>1.5060</b>	<b>1.2427</b>	<b>2.7486</b>	<b>0.2281</b>	<b>1.1553</b>	<b>1.3833</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

**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	0.0307	1.1125	0.2704	4.3000e-003	0.1198	0.0107	0.1305	0.0328	0.0103	0.0431		473.2114	473.2114	0.0228	0.0752	496.1814
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	0.0438	0.0285	0.3889	1.1200e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		114.3907	114.3907	3.2800e-003	2.9500e-003	115.3516
<b>Total</b>	<b>0.0745</b>	<b>1.1410</b>	<b>0.6594</b>	<b>5.4200e-003</b>	<b>0.2430</b>	<b>0.0114</b>	<b>0.2544</b>	<b>0.0655</b>	<b>0.0109</b>	<b>0.0764</b>		<b>587.6021</b>	<b>587.6021</b>	<b>0.0260</b>	<b>0.0781</b>	<b>611.5330</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 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	0.0526	0.0342	0.4667	1.3500e-003	0.1479	8.4000e-004	0.1487	0.0392	7.7000e-004	0.0400		137.2688	137.2688	3.9400e-003	3.5400e-003	138.4219
<b>Total</b>	<b>0.0526</b>	<b>0.0342</b>	<b>0.4667</b>	<b>1.3500e-003</b>	<b>0.1479</b>	<b>8.4000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.7000e-004</b>	<b>0.0400</b>		<b>137.2688</b>	<b>137.2688</b>	<b>3.9400e-003</b>	<b>3.5400e-003</b>	<b>138.4219</b>

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**3.3 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0526	0.0342	0.4667	1.3500e-003	0.1479	8.4000e-004	0.1487	0.0392	7.7000e-004	0.0400		137.2688	137.2688	3.9400e-003	3.5400e-003	138.4219
<b>Total</b>	<b>0.0526</b>	<b>0.0342</b>	<b>0.4667</b>	<b>1.3500e-003</b>	<b>0.1479</b>	<b>8.4000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.7000e-004</b>	<b>0.0400</b>		<b>137.2688</b>	<b>137.2688</b>	<b>3.9400e-003</b>	<b>3.5400e-003</b>	<b>138.4219</b>

9818 Scripps Health Headquarters - San Diego 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 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					7.3215	0.0000	7.3215	3.4609	0.0000	3.4609			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
<b>Total</b>	<b>1.9486</b>	<b>20.8551</b>	<b>15.2727</b>	<b>0.0297</b>	<b>7.3215</b>	<b>0.9409</b>	<b>8.2623</b>	<b>3.4609</b>	<b>0.8656</b>	<b>4.3265</b>		<b>2,872.0464</b>	<b>2,872.0464</b>	<b>0.9289</b>		<b>2,895.2684</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	0.9523	34.5124	8.3892	0.1334	3.7166	0.3325	4.0490	1.0187	0.3181	1.3368		14,679.9155	14,679.9155	0.7060	2.3320	15,392.4874
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	0.0438	0.0285	0.3889	1.1200e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		114.3907	114.3907	3.2800e-003	2.9500e-003	115.3516
<b>Total</b>	<b>0.9961</b>	<b>34.5409</b>	<b>8.7781</b>	<b>0.1345</b>	<b>3.8398</b>	<b>0.3332</b>	<b>4.1730</b>	<b>1.0514</b>	<b>0.3187</b>	<b>1.3701</b>		<b>14,794.3062</b>	<b>14,794.3062</b>	<b>0.7093</b>	<b>2.3349</b>	<b>15,507.8390</b>

9818 Scripps Health Headquarters - San Diego 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 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					7.3215	0.0000	7.3215	3.4609	0.0000	3.4609			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>7.3215</b>	<b>0.9409</b>	<b>8.2623</b>	<b>3.4609</b>	<b>0.8656</b>	<b>4.3265</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	0.9523	34.5124	8.3892	0.1334	3.7166	0.3325	4.0490	1.0187	0.3181	1.3368		14,679.91 55	14,679.91 55	0.7060	2.3320	15,392.48 74
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	0.0438	0.0285	0.3889	1.1200e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		114.3907	114.3907	3.2800e-003	2.9500e-003	115.3516
<b>Total</b>	<b>0.9961</b>	<b>34.5409</b>	<b>8.7781</b>	<b>0.1345</b>	<b>3.8398</b>	<b>0.3332</b>	<b>4.1730</b>	<b>1.0514</b>	<b>0.3187</b>	<b>1.3701</b>		<b>14,794.30 62</b>	<b>14,794.30 62</b>	<b>0.7093</b>	<b>2.3349</b>	<b>15,507.83 90</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.1181	2.8186	0.9429	0.0113	0.3590	0.0306	0.3896	0.1033	0.0293	0.1327		1,218.0758	1,218.0758	0.0370	0.1768	1,271.6895
Worker	0.3533	0.2300	3.1374	9.0700e-003	0.9940	5.6300e-003	0.9996	0.2637	5.1800e-003	0.2688		922.7515	922.7515	0.0265	0.0238	930.5030
<b>Total</b>	<b>0.4714</b>	<b>3.0485</b>	<b>4.0803</b>	<b>0.0204</b>	<b>1.3529</b>	<b>0.0363</b>	<b>1.3892</b>	<b>0.3670</b>	<b>0.0345</b>	<b>0.4015</b>		<b>2,140.8274</b>	<b>2,140.8274</b>	<b>0.0635</b>	<b>0.2006</b>	<b>2,202.1925</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.1181	2.8186	0.9429	0.0113	0.3590	0.0306	0.3896	0.1033	0.0293	0.1327		1,218.0758	1,218.0758	0.0370	0.1768	1,271.6895
Worker	0.3533	0.2300	3.1374	9.0700e-003	0.9940	5.6300e-003	0.9996	0.2637	5.1800e-003	0.2688		922.7515	922.7515	0.0265	0.0238	930.5030
<b>Total</b>	<b>0.4714</b>	<b>3.0485</b>	<b>4.0803</b>	<b>0.0204</b>	<b>1.3529</b>	<b>0.0363</b>	<b>1.3892</b>	<b>0.3670</b>	<b>0.0345</b>	<b>0.4015</b>		<b>2,140.8274</b>	<b>2,140.8274</b>	<b>0.0635</b>	<b>0.2006</b>	<b>2,202.1925</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.0633	2.2720	0.8188	0.0109	0.3590	0.0138	0.3728	0.1033	0.0132	0.1166		1,171.5489	1,171.5489	0.0355	0.1696	1,222.9867
Worker	0.3309	0.2055	2.9117	8.7800e-003	0.9940	5.3500e-003	0.9993	0.2637	4.9200e-003	0.2686		898.8528	898.8528	0.0241	0.0221	906.0489
<b>Total</b>	<b>0.3942</b>	<b>2.4775</b>	<b>3.7305</b>	<b>0.0196</b>	<b>1.3529</b>	<b>0.0192</b>	<b>1.3721</b>	<b>0.3670</b>	<b>0.0182</b>	<b>0.3852</b>		<b>2,070.4016</b>	<b>2,070.4016</b>	<b>0.0596</b>	<b>0.1918</b>	<b>2,129.0356</b>



9818 Scripps Health Headquarters - San Diego 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 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	0.0633	2.2720	0.8188	0.0109	0.3590	0.0138	0.3728	0.1033	0.0132	0.1166		1,171.5489	1,171.5489	0.0355	0.1696	1,222.9867
Worker	0.3309	0.2055	2.9117	8.7800e-003	0.9940	5.3500e-003	0.9993	0.2637	4.9200e-003	0.2686		898.8528	898.8528	0.0241	0.0221	906.0489
<b>Total</b>	<b>0.3942</b>	<b>2.4775</b>	<b>3.7305</b>	<b>0.0196</b>	<b>1.3529</b>	<b>0.0192</b>	<b>1.3721</b>	<b>0.3670</b>	<b>0.0182</b>	<b>0.3852</b>		<b>2,070.4016</b>	<b>2,070.4016</b>	<b>0.0596</b>	<b>0.1918</b>	<b>2,129.0356</b>

9818 Scripps Health Headquarters - San Diego 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 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2805</b>	<b>8.7903</b>	<b>12.1905</b>	<b>0.0189</b>		<b>0.4357</b>	<b>0.4357</b>		<b>0.4025</b>	<b>0.4025</b>		<b>1,805.4304</b>	<b>1,805.4304</b>	<b>0.5673</b>		<b>1,819.6122</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	0.0547	0.0340	0.4813	1.4500e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		148.5707	148.5707	3.9800e-003	3.6600e-003	149.7602
<b>Total</b>	<b>0.0547</b>	<b>0.0340</b>	<b>0.4813</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>		<b>148.5707</b>	<b>148.5707</b>	<b>3.9800e-003</b>	<b>3.6600e-003</b>	<b>149.7602</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2805</b>	<b>8.7903</b>	<b>12.1905</b>	<b>0.0189</b>		<b>0.4357</b>	<b>0.4357</b>		<b>0.4025</b>	<b>0.4025</b>	<b>0.0000</b>	<b>1,805.4304</b>	<b>1,805.4304</b>	<b>0.5673</b>		<b>1,819.6122</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	0.0547	0.0340	0.4813	1.4500e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		148.5707	148.5707	3.9800e-003	3.6600e-003	149.7602
<b>Total</b>	<b>0.0547</b>	<b>0.0340</b>	<b>0.4813</b>	<b>1.4500e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>		<b>148.5707</b>	<b>148.5707</b>	<b>3.9800e-003</b>	<b>3.6600e-003</b>	<b>149.7602</b>

9818 Scripps Health Headquarters - San Diego County APCD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.5989					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>93.7906</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	0.0656	0.0408	0.5775	1.7400e-003	0.1972	1.0600e-003	0.1982	0.0523	9.8000e-004	0.0533		178.2849	178.2849	4.7700e-003	4.3900e-003	179.7122
<b>Total</b>	<b>0.0656</b>	<b>0.0408</b>	<b>0.5775</b>	<b>1.7400e-003</b>	<b>0.1972</b>	<b>1.0600e-003</b>	<b>0.1982</b>	<b>0.0523</b>	<b>9.8000e-004</b>	<b>0.0533</b>		<b>178.2849</b>	<b>178.2849</b>	<b>4.7700e-003</b>	<b>4.3900e-003</b>	<b>179.7122</b>

9818 Scripps Health Headquarters - San Diego County APCD Air District, Summer

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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.5989					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>93.7906</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	0.0656	0.0408	0.5775	1.7400e-003	0.1972	1.0600e-003	0.1982	0.0523	9.8000e-004	0.0533		178.2849	178.2849	4.7700e-003	4.3900e-003	179.7122
<b>Total</b>	<b>0.0656</b>	<b>0.0408</b>	<b>0.5775</b>	<b>1.7400e-003</b>	<b>0.1972</b>	<b>1.0600e-003</b>	<b>0.1982</b>	<b>0.0523</b>	<b>9.8000e-004</b>	<b>0.0533</b>		<b>178.2849</b>	<b>178.2849</b>	<b>4.7700e-003</b>	<b>4.3900e-003</b>	<b>179.7122</b>

9818 Scripps Health Headquarters - San Diego 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	4.1662	3.9951	35.2292	0.0755	7.9014	0.0576	7.9589	2.1048	0.0537	2.1585		7,817.889 8	7,817.889 8	0.5351	0.3355	7,931.234 2
Unmitigated	4.1662	3.9951	35.2292	0.0755	7.9014	0.0576	7.9589	2.1048	0.0537	2.1585		7,817.889 8	7,817.889 8	0.5351	0.3355	7,931.234 2

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	1,570.63	356.53	113.09	2,841,337	2,841,337
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
<b>Total</b>	<b>1,570.63</b>	<b>356.53</b>	<b>113.09</b>	<b>2,841,337</b>	<b>2,841,337</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
Unenclosed Parking with	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

9818 Scripps Health Headquarters - San Diego 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	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949
Parking Lot	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949
Unenclosed Parking with Elevator	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
NaturalGas Unmitigated	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377

9818 Scripps Health Headquarters - San Diego 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	8619.1	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0930</b>	<b>0.8450</b>	<b>0.7098</b>	<b>5.0700e-003</b>		<b>0.0642</b>	<b>0.0642</b>		<b>0.0642</b>	<b>0.0642</b>		<b>1,014.0119</b>	<b>1,014.0119</b>	<b>0.0194</b>	<b>0.0186</b>	<b>1,020.0377</b>



9818 Scripps Health Headquarters - San Diego 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	8.6191	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0930</b>	<b>0.8450</b>	<b>0.7098</b>	<b>5.0700e-003</b>		<b>0.0642</b>	<b>0.0642</b>		<b>0.0642</b>	<b>0.0642</b>		<b>1,014.0119</b>	<b>1,014.0119</b>	<b>0.0194</b>	<b>0.0186</b>	<b>1,020.0377</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

9818 Scripps Health Headquarters - San Diego 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	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Unmitigated	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590

**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	0.4616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.4200e-003	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
<b>Total</b>	<b>3.8888</b>	<b>6.3000e-004</b>	<b>0.0695</b>	<b>1.0000e-005</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>0.1493</b>	<b>0.1493</b>	<b>3.9000e-004</b>		<b>0.1590</b>

9818 Scripps Health Headquarters - San Diego 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	0.4616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.4200e-003	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
<b>Total</b>	<b>3.8888</b>	<b>6.3000e-004</b>	<b>0.0695</b>	<b>1.0000e-005</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>0.1493</b>	<b>0.1493</b>	<b>3.9000e-004</b>		<b>0.1590</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

9818 Scripps Health Headquarters - San Diego 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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9818 Scripps Health Headquarters - San Diego County APCD Air District, Winter

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

**9818 Scripps Health Headquarters  
San Diego 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	157.06	1000sqft	0.61	157,063.00	0
Unenclosed Parking with Elevator	403.00	Space	0.69	119,500.00	0
Parking Lot	122.00	Space	2.49	48,800.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	40
<b>Climate Zone</b>	13			<b>Operational Year</b>	2024
<b>Utility Company</b>	San Diego Gas & Electric				
<b>CO2 Intensity (lb/MWhr)</b>	539.98	<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 - 131,200 sf office building + 25,863 sf basement  
403 space, 119,500 sf parking structure  
122 surface and below grade parking spaces

Grading - 13,600 cy export

Demolition -

Architectural Coating - SDAPCD Rule 67.0.1

Vehicle Trips - 10 trips/ksf

Weekend trips adjusted proportionately

Area Coating - SDAPCD Rule 67.0.1

## 9818 Scripps Health Headquarters - San Diego County APCD Air District, Winter

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	100
tblAreaCoating	Area_EF_Parking	250	100
tblGrading	MaterialExported	0.00	13,600.00
tblLandUse	LandUseSquareFeet	161,200.00	119,500.00
tblLandUse	LotAcreage	3.61	0.61
tblLandUse	LotAcreage	3.63	0.69
tblLandUse	LotAcreage	1.10	2.49
tblVehicleTrips	ST_TR	2.21	2.27
tblVehicleTrips	SU_TR	0.70	0.72
tblVehicleTrips	WD_TR	9.74	10.00

**2.0 Emissions Summary**

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9818 Scripps Health Headquarters - San Diego County APCD Air District, Winter

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

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2270	56.6953	24.1584	0.1641	19.8049	1.6134	21.4183	10.1417	1.4843	11.6260	0.0000	17,666.2639	17,666.2639	1.6369	2.3362	18,403.3868
2023	93.8618	16.9836	19.8543	0.0461	1.3529	0.7190	2.0719	0.3670	0.6767	1.0436	0.0000	4,577.8689	4,577.8689	0.6688	0.1940	4,652.3898
<b>Maximum</b>	<b>93.8618</b>	<b>56.6953</b>	<b>24.1584</b>	<b>0.1641</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4843</b>	<b>11.6260</b>	<b>0.0000</b>	<b>17,666.2639</b>	<b>17,666.2639</b>	<b>1.6369</b>	<b>2.3362</b>	<b>18,403.3868</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	3.2270	56.6953	24.1584	0.1641	19.8049	1.6134	21.4183	10.1417	1.4843	11.6260	0.0000	17,666.2639	17,666.2639	1.6369	2.3362	18,403.3868
2023	93.8618	16.9836	19.8543	0.0461	1.3529	0.7190	2.0719	0.3670	0.6767	1.0436	0.0000	4,577.8689	4,577.8689	0.6688	0.1940	4,652.3898
<b>Maximum</b>	<b>93.8618</b>	<b>56.6953</b>	<b>24.1584</b>	<b>0.1641</b>	<b>19.8049</b>	<b>1.6134</b>	<b>21.4183</b>	<b>10.1417</b>	<b>1.4843</b>	<b>11.6260</b>	<b>0.0000</b>	<b>17,666.2639</b>	<b>17,666.2639</b>	<b>1.6369</b>	<b>2.3362</b>	<b>18,403.3868</b>





9818 Scripps Health Headquarters - San Diego 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	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Energy	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
Mobile	4.0555	4.3331	36.3826	0.0722	7.9014	0.0576	7.9590	2.1048	0.0537	2.1585		7,479.6902	7,479.6902	0.5693	0.3539	7,599.3966
<b>Total</b>	<b>8.0372</b>	<b>5.1788</b>	<b>37.1619</b>	<b>0.0773</b>	<b>7.9014</b>	<b>0.1221</b>	<b>8.0234</b>	<b>2.1048</b>	<b>0.1182</b>	<b>2.2230</b>		<b>8,493.8514</b>	<b>8,493.8514</b>	<b>0.5892</b>	<b>0.3725</b>	<b>8,619.5933</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	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Energy	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
Mobile	4.0555	4.3331	36.3826	0.0722	7.9014	0.0576	7.9590	2.1048	0.0537	2.1585		7,479.6902	7,479.6902	0.5693	0.3539	7,599.3966
<b>Total</b>	<b>8.0372</b>	<b>5.1788</b>	<b>37.1619</b>	<b>0.0773</b>	<b>7.9014</b>	<b>0.1221</b>	<b>8.0234</b>	<b>2.1048</b>	<b>0.1182</b>	<b>2.2230</b>		<b>8,493.8514</b>	<b>8,493.8514</b>	<b>0.5892</b>	<b>0.3725</b>	<b>8,619.5933</b>

9818 Scripps Health Headquarters - San Diego 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	Demolition	Demolition	7/1/2022	7/28/2022	5	20	
2	Site Preparation	Site Preparation	7/29/2022	8/4/2022	5	5	
3	Grading	Grading	8/5/2022	8/16/2022	5	8	
4	Building Construction	Building Construction	8/17/2022	7/4/2023	5	230	
5	Paving	Paving	7/5/2023	7/28/2023	5	18	
6	Architectural Coating	Architectural Coating	7/29/2023	8/23/2023	5	18	

**Acres of Grading (Site Preparation Phase): 7.5**

**Acres of Grading (Grading Phase): 8**

**Acres of Paving: 3.18**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 235,595; Non-Residential Outdoor: 78,532; Striped Parking Area: 10,098 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38

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

Grading	Excavators	1	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	137.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
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	1,700.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	121.00	53.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	24.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

9818 Scripps Health Headquarters - San Diego 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 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5060	0.0000	1.5060	0.2281	0.0000	0.2281			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>1.5060</b>	<b>1.2427</b>	<b>2.7486</b>	<b>0.2281</b>	<b>1.1553</b>	<b>1.3833</b>		<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</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	0.0299	1.1543	0.2746	4.3000e-003	0.1198	0.0107	0.1305	0.0328	0.0103	0.0431		473.4118	473.4118	0.0227	0.0752	496.3911
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	0.0474	0.0321	0.3688	1.0600e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		108.0858	108.0858	3.4900e-003	3.1900e-003	109.1237
<b>Total</b>	<b>0.0773</b>	<b>1.1864</b>	<b>0.6433</b>	<b>5.3600e-003</b>	<b>0.2430</b>	<b>0.0114</b>	<b>0.2545</b>	<b>0.0655</b>	<b>0.0109</b>	<b>0.0764</b>		<b>581.4975</b>	<b>581.4975</b>	<b>0.0262</b>	<b>0.0784</b>	<b>605.5148</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 Demolition - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5060	0.0000	1.5060	0.2281	0.0000	0.2281			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>1.5060</b>	<b>1.2427</b>	<b>2.7486</b>	<b>0.2281</b>	<b>1.1553</b>	<b>1.3833</b>	<b>0.0000</b>	<b>3,746.781 2</b>	<b>3,746.781 2</b>	<b>1.0524</b>		<b>3,773.092 0</b>

**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	0.0299	1.1543	0.2746	4.3000e-003	0.1198	0.0107	0.1305	0.0328	0.0103	0.0431		473.4118	473.4118	0.0227	0.0752	496.3911
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	0.0474	0.0321	0.3688	1.0600e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		108.0858	108.0858	3.4900e-003	3.1900e-003	109.1237
<b>Total</b>	<b>0.0773</b>	<b>1.1864</b>	<b>0.6433</b>	<b>5.3600e-003</b>	<b>0.2430</b>	<b>0.0114</b>	<b>0.2545</b>	<b>0.0655</b>	<b>0.0109</b>	<b>0.0764</b>		<b>581.4975</b>	<b>581.4975</b>	<b>0.0262</b>	<b>0.0784</b>	<b>605.5148</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.0568	0.0385	0.4425	1.2700e-003	0.1479	8.4000e-004	0.1487	0.0392	7.7000e-004	0.0400		129.7029	129.7029	4.1900e-003	3.8300e-003	130.9484
<b>Total</b>	<b>0.0568</b>	<b>0.0385</b>	<b>0.4425</b>	<b>1.2700e-003</b>	<b>0.1479</b>	<b>8.4000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.7000e-004</b>	<b>0.0400</b>		<b>129.7029</b>	<b>129.7029</b>	<b>4.1900e-003</b>	<b>3.8300e-003</b>	<b>130.9484</b>

9818 Scripps Health Headquarters - San Diego 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 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	0.0568	0.0385	0.4425	1.2700e-003	0.1479	8.4000e-004	0.1487	0.0392	7.7000e-004	0.0400		129.7029	129.7029	4.1900e-003	3.8300e-003	130.9484
<b>Total</b>	<b>0.0568</b>	<b>0.0385</b>	<b>0.4425</b>	<b>1.2700e-003</b>	<b>0.1479</b>	<b>8.4000e-004</b>	<b>0.1487</b>	<b>0.0392</b>	<b>7.7000e-004</b>	<b>0.0400</b>		<b>129.7029</b>	<b>129.7029</b>	<b>4.1900e-003</b>	<b>3.8300e-003</b>	<b>130.9484</b>

9818 Scripps Health Headquarters - San Diego 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 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					7.3215	0.0000	7.3215	3.4609	0.0000	3.4609			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>7.3215</b>	<b>0.9409</b>	<b>8.2623</b>	<b>3.4609</b>	<b>0.8656</b>	<b>4.3265</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	0.9279	35.8081	8.5170	0.1334	3.7166	0.3330	4.0496	1.0187	0.3186	1.3373		14,686.13 17	14,686.13 17	0.7045	2.3331	15,398.99 48
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	0.0474	0.0321	0.3688	1.0600e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		108.0858	108.0858	3.4900e-003	3.1900e-003	109.1237
<b>Total</b>	<b>0.9753</b>	<b>35.8402</b>	<b>8.8857</b>	<b>0.1345</b>	<b>3.8398</b>	<b>0.3337</b>	<b>4.1735</b>	<b>1.0514</b>	<b>0.3192</b>	<b>1.3706</b>		<b>14,794.21 74</b>	<b>14,794.21 74</b>	<b>0.7080</b>	<b>2.3362</b>	<b>15,508.11 84</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 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					7.3215	0.0000	7.3215	3.4609	0.0000	3.4609			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>7.3215</b>	<b>0.9409</b>	<b>8.2623</b>	<b>3.4609</b>	<b>0.8656</b>	<b>4.3265</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	0.9279	35.8081	8.5170	0.1334	3.7166	0.3330	4.0496	1.0187	0.3186	1.3373		14,686.13 17	14,686.13 17	0.7045	2.3331	15,398.99 48
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	0.0474	0.0321	0.3688	1.0600e-003	0.1232	7.0000e-004	0.1239	0.0327	6.4000e-004	0.0333		108.0858	108.0858	3.4900e-003	3.1900e-003	109.1237
<b>Total</b>	<b>0.9753</b>	<b>35.8402</b>	<b>8.8857</b>	<b>0.1345</b>	<b>3.8398</b>	<b>0.3337</b>	<b>4.1735</b>	<b>1.0514</b>	<b>0.3192</b>	<b>1.3706</b>		<b>14,794.21 74</b>	<b>14,794.21 74</b>	<b>0.7080</b>	<b>2.3362</b>	<b>15,508.11 84</b>

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

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1170	2.9249	0.9720	0.0113	0.3590	0.0307	0.3897	0.1033	0.0294	0.1327		1,218.7011	1,218.7011	0.0369	0.1771	1,272.3854
Worker	0.3821	0.2586	2.9746	8.5700e-003	0.9940	5.6300e-003	0.9996	0.2637	5.1800e-003	0.2688		871.8917	871.8917	0.0282	0.0257	880.2644
<b>Total</b>	<b>0.4991</b>	<b>3.1836</b>	<b>3.9466</b>	<b>0.0199</b>	<b>1.3529</b>	<b>0.0364</b>	<b>1.3893</b>	<b>0.3670</b>	<b>0.0346</b>	<b>0.4016</b>		<b>2,090.5928</b>	<b>2,090.5928</b>	<b>0.0650</b>	<b>0.2028</b>	<b>2,152.6498</b>

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

**3.5 Building Construction - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1170	2.9249	0.9720	0.0113	0.3590	0.0307	0.3897	0.1033	0.0294	0.1327		1,218.7011	1,218.7011	0.0369	0.1771	1,272.3854
Worker	0.3821	0.2586	2.9746	8.5700e-003	0.9940	5.6300e-003	0.9996	0.2637	5.1800e-003	0.2688		871.8917	871.8917	0.0282	0.0257	880.2644
<b>Total</b>	<b>0.4991</b>	<b>3.1836</b>	<b>3.9466</b>	<b>0.0199</b>	<b>1.3529</b>	<b>0.0364</b>	<b>1.3893</b>	<b>0.3670</b>	<b>0.0346</b>	<b>0.4016</b>		<b>2,090.5928</b>	<b>2,090.5928</b>	<b>0.0650</b>	<b>0.2028</b>	<b>2,152.6498</b>

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

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0616	2.3676	0.8435	0.0109	0.3590	0.0139	0.3729	0.1033	0.0133	0.1166		1,173.2144	1,173.2144	0.0353	0.1700	1,224.7662
Worker	0.3588	0.2311	2.7668	8.3000e-003	0.9940	5.3500e-003	0.9993	0.2637	4.9200e-003	0.2686		849.4446	849.4446	0.0256	0.0239	857.2175
<b>Total</b>	<b>0.4203</b>	<b>2.5987</b>	<b>3.6103</b>	<b>0.0192</b>	<b>1.3529</b>	<b>0.0193</b>	<b>1.3722</b>	<b>0.3670</b>	<b>0.0182</b>	<b>0.3852</b>		<b>2,022.6590</b>	<b>2,022.6590</b>	<b>0.0610</b>	<b>0.1940</b>	<b>2,081.9837</b>

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

**3.5 Building Construction - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0616	2.3676	0.8435	0.0109	0.3590	0.0139	0.3729	0.1033	0.0133	0.1166		1,173.2144	1,173.2144	0.0353	0.1700	1,224.7662
Worker	0.3588	0.2311	2.7668	8.3000e-003	0.9940	5.3500e-003	0.9993	0.2637	4.9200e-003	0.2686		849.4446	849.4446	0.0256	0.0239	857.2175
<b>Total</b>	<b>0.4203</b>	<b>2.5987</b>	<b>3.6103</b>	<b>0.0192</b>	<b>1.3529</b>	<b>0.0193</b>	<b>1.3722</b>	<b>0.3670</b>	<b>0.0182</b>	<b>0.3852</b>		<b>2,022.6590</b>	<b>2,022.6590</b>	<b>0.0610</b>	<b>0.1940</b>	<b>2,081.9837</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 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2805</b>	<b>8.7903</b>	<b>12.1905</b>	<b>0.0189</b>		<b>0.4357</b>	<b>0.4357</b>		<b>0.4025</b>	<b>0.4025</b>		<b>1,805.4304</b>	<b>1,805.4304</b>	<b>0.5673</b>		<b>1,819.6122</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	0.0593	0.0382	0.4573	1.3700e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		140.4041	140.4041	4.2400e-003	3.9600e-003	141.6889
<b>Total</b>	<b>0.0593</b>	<b>0.0382</b>	<b>0.4573</b>	<b>1.3700e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>		<b>140.4041</b>	<b>140.4041</b>	<b>4.2400e-003</b>	<b>3.9600e-003</b>	<b>141.6889</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 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	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2805</b>	<b>8.7903</b>	<b>12.1905</b>	<b>0.0189</b>		<b>0.4357</b>	<b>0.4357</b>		<b>0.4025</b>	<b>0.4025</b>	<b>0.0000</b>	<b>1,805.4304</b>	<b>1,805.4304</b>	<b>0.5673</b>		<b>1,819.6122</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	0.0593	0.0382	0.4573	1.3700e-003	0.1643	8.8000e-004	0.1652	0.0436	8.1000e-004	0.0444		140.4041	140.4041	4.2400e-003	3.9600e-003	141.6889
<b>Total</b>	<b>0.0593</b>	<b>0.0382</b>	<b>0.4573</b>	<b>1.3700e-003</b>	<b>0.1643</b>	<b>8.8000e-004</b>	<b>0.1652</b>	<b>0.0436</b>	<b>8.1000e-004</b>	<b>0.0444</b>		<b>140.4041</b>	<b>140.4041</b>	<b>4.2400e-003</b>	<b>3.9600e-003</b>	<b>141.6889</b>

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

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.5989					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>93.7906</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	0.0712	0.0458	0.5488	1.6500e-003	0.1972	1.0600e-003	0.1982	0.0523	9.8000e-004	0.0533		168.4849	168.4849	5.0800e-003	4.7500e-003	170.0266
<b>Total</b>	<b>0.0712</b>	<b>0.0458</b>	<b>0.5488</b>	<b>1.6500e-003</b>	<b>0.1972</b>	<b>1.0600e-003</b>	<b>0.1982</b>	<b>0.0523</b>	<b>9.8000e-004</b>	<b>0.0533</b>		<b>168.4849</b>	<b>168.4849</b>	<b>5.0800e-003</b>	<b>4.7500e-003</b>	<b>170.0266</b>



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

**3.7 Architectural Coating - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.5989					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>93.7906</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	0.0712	0.0458	0.5488	1.6500e-003	0.1972	1.0600e-003	0.1982	0.0523	9.8000e-004	0.0533		168.4849	168.4849	5.0800e-003	4.7500e-003	170.0266
<b>Total</b>	<b>0.0712</b>	<b>0.0458</b>	<b>0.5488</b>	<b>1.6500e-003</b>	<b>0.1972</b>	<b>1.0600e-003</b>	<b>0.1982</b>	<b>0.0523</b>	<b>9.8000e-004</b>	<b>0.0533</b>		<b>168.4849</b>	<b>168.4849</b>	<b>5.0800e-003</b>	<b>4.7500e-003</b>	<b>170.0266</b>

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**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	4.0555	4.3331	36.3826	0.0722	7.9014	0.0576	7.9590	2.1048	0.0537	2.1585		7,479.690 2	7,479.690 2	0.5693	0.3539	7,599.396 6
Unmitigated	4.0555	4.3331	36.3826	0.0722	7.9014	0.0576	7.9590	2.1048	0.0537	2.1585		7,479.690 2	7,479.690 2	0.5693	0.3539	7,599.396 6

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	1,570.63	356.53	113.09	2,841,337	2,841,337
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
<b>Total</b>	<b>1,570.63</b>	<b>356.53</b>	<b>113.09</b>	<b>2,841,337</b>	<b>2,841,337</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
Unenclosed Parking with	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

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**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	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949
Parking Lot	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949
Unenclosed Parking with Elevator	0.557888	0.062607	0.178921	0.119061	0.024112	0.006269	0.008734	0.006266	0.000708	0.000566	0.028949	0.000971	0.004949

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
NaturalGas Unmitigated	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377

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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	lb/day										lb/day					
General Office Building	8619.1	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0930</b>	<b>0.8450</b>	<b>0.7098</b>	<b>5.0700e-003</b>		<b>0.0642</b>	<b>0.0642</b>		<b>0.0642</b>	<b>0.0642</b>		<b>1,014.0119</b>	<b>1,014.0119</b>	<b>0.0194</b>	<b>0.0186</b>	<b>1,020.0377</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	lb/day										lb/day					
General Office Building	8.6191	0.0930	0.8450	0.7098	5.0700e-003		0.0642	0.0642		0.0642	0.0642		1,014.0119	1,014.0119	0.0194	0.0186	1,020.0377
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0930</b>	<b>0.8450</b>	<b>0.7098</b>	<b>5.0700e-003</b>		<b>0.0642</b>	<b>0.0642</b>		<b>0.0642</b>	<b>0.0642</b>		<b>1,014.0119</b>	<b>1,014.0119</b>	<b>0.0194</b>	<b>0.0186</b>	<b>1,020.0377</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	lb/day										lb/day					
Mitigated	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
Unmitigated	3.8888	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590

**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	0.4616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.4200e-003	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
<b>Total</b>	<b>3.8888</b>	<b>6.3000e-004</b>	<b>0.0695</b>	<b>1.0000e-005</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>0.1493</b>	<b>0.1493</b>	<b>3.9000e-004</b>		<b>0.1590</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	lb/day										lb/day					
Architectural Coating	0.4616					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.4200e-003	6.3000e-004	0.0695	1.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004		0.1493	0.1493	3.9000e-004		0.1590
<b>Total</b>	<b>3.8888</b>	<b>6.3000e-004</b>	<b>0.0695</b>	<b>1.0000e-005</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>2.5000e-004</b>	<b>2.5000e-004</b>		<b>0.1493</b>	<b>0.1493</b>	<b>3.9000e-004</b>		<b>0.1590</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**

**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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