

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**PDS2020-LDGRMJ-30273**

**San Diego County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	76.00	Dwelling Unit	2.75	76,000.00	217

**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>	2025
<b>Utility Company</b>	San Diego Gas & Electric				
<b>CO2 Intensity (lb/MW hr)</b>	539.98	<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 - Development of 76 multi-family units on a 2.75 acre parcel

Construction Phase - Anticipated dates of construction assuming a 24-month construction period. CalEEMod default ratios used to align with construction timeline

Grading - Acres graded based on acres disturbed. Excavation of 2700 cy and import of a total of 24100 cy

Vehicle Trips - This model runs for construction emissions only

Architectural Coating - VOC content aligned with SDAPCD

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblConstructionPhase	NumDays	10.00	20.00

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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tblConstructionPhase	NumDays	220.00	460.00
tblConstructionPhase	NumDays	6.00	14.00
tblConstructionPhase	NumDays	10.00	24.00
tblConstructionPhase	NumDays	3.00	8.00
tblConstructionPhase	PhaseEndDate	9/12/2024	9/5/2025
tblConstructionPhase	PhaseEndDate	8/15/2024	7/7/2025
tblConstructionPhase	PhaseEndDate	10/12/2023	10/2/2023
tblConstructionPhase	PhaseEndDate	8/29/2024	8/8/2025
tblConstructionPhase	PhaseEndDate	10/4/2023	9/12/2023
tblConstructionPhase	PhaseStartDate	8/30/2024	8/9/2025
tblConstructionPhase	PhaseStartDate	10/13/2023	10/3/2023
tblConstructionPhase	PhaseStartDate	10/5/2023	9/13/2023
tblConstructionPhase	PhaseStartDate	8/16/2024	7/8/2025
tblConstructionPhase	PhaseStartDate	9/30/2023	9/1/2023
tblGrading	AcresOfGrading	14.00	6.00
tblGrading	AcresOfGrading	12.00	4.50
tblGrading	MaterialExported	0.00	2,700.00
tblGrading	MaterialImported	0.00	24,100.00
tblLandUse	LotAcreage	2.00	2.75

**2.0 Emissions Summary**

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PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.8735	39.2459	15.7457	0.1346	9.8694	0.8149	10.6843	4.2885	0.7575	5.0460	0.0000		14,586.0165	1.2782	1.9924	15,211.6953
2024	1.7475	13.2480	15.4523	0.0305	0.5060	0.5425	1.0485	0.1354	0.5194	0.6548	0.0000		2,853.6658	0.4419	0.0346	2,875.0111
2025	41.8082	12.4365	15.2786	0.0303	0.5060	0.4743	0.9803	0.1354	0.4538	0.5893	0.0000		2,837.2761	0.5444	0.0335	2,858.1219
<b>Maximum</b>	<b>41.8082</b>	<b>39.2459</b>	<b>15.7457</b>	<b>0.1346</b>	<b>9.8694</b>	<b>0.8149</b>	<b>10.6843</b>	<b>4.2885</b>	<b>0.7575</b>	<b>5.0460</b>	<b>0.0000</b>		<b>14,586.0165</b>	<b>1.2782</b>	<b>1.9924</b>	<b>15,211.6953</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					
2023	1.8735	39.2459	15.7457	0.1346	9.8694	0.8149	10.6843	4.2885	0.7575	5.0460	0.0000		14,586.0165	1.2782	1.9924	15,211.6953
2024	1.7475	13.2480	15.4523	0.0305	0.5060	0.5425	1.0485	0.1354	0.5194	0.6548	0.0000		2,853.6658	0.4419	0.0346	2,875.0111
2025	41.8082	12.4365	15.2786	0.0303	0.5060	0.4743	0.9803	0.1354	0.4538	0.5893	0.0000		2,837.2761	0.5444	0.0335	2,858.1218
<b>Maximum</b>	<b>41.8082</b>	<b>39.2459</b>	<b>15.7457</b>	<b>0.1346</b>	<b>9.8694</b>	<b>0.8149</b>	<b>10.6843</b>	<b>4.2885</b>	<b>0.7575</b>	<b>5.0460</b>	<b>0.0000</b>		<b>14,586.0165</b>	<b>1.2782</b>	<b>1.9924</b>	<b>15,211.6953</b>



PDS2020-LDGRMJ-30273 - San Diego County, Summer

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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	118.7759	2.3436	149.8362	0.2604		20.1649	20.1649		20.1649	20.1649	2,110.6515		3,007.1180	1.9586	0.1660	3,105.5564
Energy	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960
Mobile	1.1456	1.1405	10.2416	0.0228	2.4850	0.0171	2.5021	0.6620	0.0159	0.6779			2,326.9398	0.1543	0.0975	2,359.8414
<b>Total</b>	<b>119.9379</b>	<b>3.6237</b>	<b>160.1373</b>	<b>0.2842</b>	<b>2.4850</b>	<b>20.1933</b>	<b>22.6783</b>	<b>0.6620</b>	<b>20.1921</b>	<b>20.8541</b>	<b>2,110.6515</b>		<b>5,512.2946</b>	<b>2.1163</b>	<b>0.2668</b>	<b>5,644.6938</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	118.7759	2.3436	149.8362	0.2604		20.1649	20.1649		20.1649	20.1649	2,110.6515		3,007.1180	1.9586	0.1660	3,105.5564
Energy	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960
Mobile	1.1456	1.1405	10.2416	0.0228	2.4850	0.0171	2.5021	0.6620	0.0159	0.6779			2,326.9398	0.1543	0.0975	2,359.8414
<b>Total</b>	<b>119.9379</b>	<b>3.6237</b>	<b>160.1373</b>	<b>0.2842</b>	<b>2.4850</b>	<b>20.1933</b>	<b>22.6783</b>	<b>0.6620</b>	<b>20.1921</b>	<b>20.8541</b>	<b>2,110.6515</b>		<b>5,512.2946</b>	<b>2.1163</b>	<b>0.2668</b>	<b>5,644.6938</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	Site Preparation	Site Preparation	9/1/2023	9/12/2023	5	8	
2	Grading	Grading	9/13/2023	10/2/2023	5	14	
3	Building Construction	Building Construction	10/3/2023	7/7/2025	5	460	
4	Paving	Paving	7/8/2025	8/8/2025	5	24	
5	Architectural Coating	Architectural Coating	8/9/2025	9/5/2025	5	20	

**Acres of Grading (Site Preparation Phase): 4.5**

**Acres of Grading (Grading Phase): 6**

**Acres of Paving: 0**

**Residential Indoor: 153,900; Residential Outdoor: 51,300; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Welders	3	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
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	2,650.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	55.00	8.00	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	11.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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**3.2 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5965	0.0000	0.5965	0.0644	0.0000	0.0644			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985			2,374.8634	0.7681		2,394.0654
<b>Total</b>	<b>1.3027</b>	<b>14.2802</b>	<b>9.7820</b>	<b>0.0245</b>	<b>0.5965</b>	<b>0.5419</b>	<b>1.1384</b>	<b>0.0644</b>	<b>0.4985</b>	<b>0.5629</b>			<b>2,374.8634</b>	<b>0.7681</b>		<b>2,394.0654</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0219	0.0136	0.1920	5.8000e-004	0.0657	3.5000e-004	0.0661	0.0174	3.2000e-004	0.0178			58.6931	1.5900e-003	1.4600e-003	59.1689
<b>Total</b>	<b>0.0219</b>	<b>0.0136</b>	<b>0.1920</b>	<b>5.8000e-004</b>	<b>0.0657</b>	<b>3.5000e-004</b>	<b>0.0661</b>	<b>0.0174</b>	<b>3.2000e-004</b>	<b>0.0178</b>			<b>58.6931</b>	<b>1.5900e-003</b>	<b>1.4600e-003</b>	<b>59.1689</b>



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**3.2 Site Preparation - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5965	0.0000	0.5965	0.0644	0.0000	0.0644			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985	0.0000		2,374.8634	0.7681		2,394.0654
<b>Total</b>	<b>1.3027</b>	<b>14.2802</b>	<b>9.7820</b>	<b>0.0245</b>	<b>0.5965</b>	<b>0.5419</b>	<b>1.1384</b>	<b>0.0644</b>	<b>0.4985</b>	<b>0.5629</b>	<b>0.0000</b>		<b>2,374.8634</b>	<b>0.7681</b>		<b>2,394.0654</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0219	0.0136	0.1920	5.8000e-004	0.0657	3.5000e-004	0.0661	0.0174	3.2000e-004	0.0178			58.6931	1.5900e-003	1.4600e-003	59.1689
<b>Total</b>	<b>0.0219</b>	<b>0.0136</b>	<b>0.1920</b>	<b>5.8000e-004</b>	<b>0.0657</b>	<b>3.5000e-004</b>	<b>0.0661</b>	<b>0.0174</b>	<b>3.2000e-004</b>	<b>0.0178</b>			<b>58.6931</b>	<b>1.5900e-003</b>	<b>1.4600e-003</b>	<b>59.1689</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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**3.3 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4766	0.0000	6.4766	3.3593	0.0000	3.3593			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560			1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>6.4766</b>	<b>0.6044</b>	<b>7.0809</b>	<b>3.3593</b>	<b>0.5560</b>	<b>3.9153</b>			<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</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	0.4287	24.7613	6.8020	0.1133	3.3107	0.2102	3.5208	0.9075	0.2011	1.1085			12,517.0354	0.6308	1.9905	13,125.9839
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0170	0.2400	7.3000e-004	0.0822	4.4000e-004	0.0826	0.0218	4.1000e-004	0.0222			73.3664	1.9900e-003	1.8300e-003	73.9611
<b>Total</b>	<b>0.4560</b>	<b>24.7782</b>	<b>7.0419</b>	<b>0.1140</b>	<b>3.3928</b>	<b>0.2106</b>	<b>3.6034</b>	<b>0.9292</b>	<b>0.2015</b>	<b>1.1307</b>			<b>12,590.4018</b>	<b>0.6328</b>	<b>1.9924</b>	<b>13,199.9451</b>

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**3.3 Grading - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4766	0.0000	6.4766	3.3593	0.0000	3.3593			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000		1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>6.4766</b>	<b>0.6044</b>	<b>7.0809</b>	<b>3.3593</b>	<b>0.5560</b>	<b>3.9153</b>	<b>0.0000</b>		<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</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	0.4287	24.7613	6.8020	0.1133	3.3107	0.2102	3.5208	0.9075	0.2011	1.1085			12,517.0354	0.6308	1.9905	13,125.9839
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0273	0.0170	0.2400	7.3000e-004	0.0822	4.4000e-004	0.0826	0.0218	4.1000e-004	0.0222			73.3664	1.9900e-003	1.8300e-003	73.9611
<b>Total</b>	<b>0.4560</b>	<b>24.7782</b>	<b>7.0419</b>	<b>0.1140</b>	<b>3.3928</b>	<b>0.2106</b>	<b>3.6034</b>	<b>0.9292</b>	<b>0.2015</b>	<b>1.1307</b>			<b>12,590.4018</b>	<b>0.6328</b>	<b>1.9924</b>	<b>13,199.9451</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880			2,289.5233	0.4330		2,300.3479
<b>Total</b>	<b>1.7136</b>	<b>13.6239</b>	<b>14.2145</b>	<b>0.0250</b>		<b>0.6136</b>	<b>0.6136</b>		<b>0.5880</b>	<b>0.5880</b>			<b>2,289.5233</b>	<b>0.4330</b>		<b>2,300.3479</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
Vendor	9.5600e-003	0.3429	0.1236	1.6400e-003	0.0542	2.0900e-003	0.0563	0.0156	2.0000e-003	0.0176			176.8376	5.3600e-003	0.0256	184.6018
Worker	0.1503	0.0933	1.3200	3.9900e-003	0.4518	2.4200e-003	0.4542	0.1198	2.2300e-003	0.1221			403.5152	0.0109	0.0101	406.7862
<b>Total</b>	<b>0.1599</b>	<b>0.4363</b>	<b>1.4435</b>	<b>5.6300e-003</b>	<b>0.5060</b>	<b>4.5100e-003</b>	<b>0.5105</b>	<b>0.1354</b>	<b>4.2300e-003</b>	<b>0.1397</b>			<b>580.3528</b>	<b>0.0163</b>	<b>0.0357</b>	<b>591.3880</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 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	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880	0.0000		2,289.5233	0.4330		2,300.3479
<b>Total</b>	<b>1.7136</b>	<b>13.6239</b>	<b>14.2145</b>	<b>0.0250</b>		<b>0.6136</b>	<b>0.6136</b>		<b>0.5880</b>	<b>0.5880</b>	<b>0.0000</b>		<b>2,289.5233</b>	<b>0.4330</b>		<b>2,300.3479</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
Vendor	9.5600e-003	0.3429	0.1236	1.6400e-003	0.0542	2.0900e-003	0.0563	0.0156	2.0000e-003	0.0176			176.8376	5.3600e-003	0.0256	184.6018
Worker	0.1503	0.0933	1.3200	3.9900e-003	0.4518	2.4200e-003	0.4542	0.1198	2.2300e-003	0.1221			403.5152	0.0109	0.0101	406.7862
<b>Total</b>	<b>0.1599</b>	<b>0.4363</b>	<b>1.4435</b>	<b>5.6300e-003</b>	<b>0.5060</b>	<b>4.5100e-003</b>	<b>0.5105</b>	<b>0.1354</b>	<b>4.2300e-003</b>	<b>0.1397</b>			<b>580.3528</b>	<b>0.0163</b>	<b>0.0357</b>	<b>591.3880</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 2024**

**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	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153			2,289.6541	0.4265		2,300.3154
<b>Total</b>	<b>1.5971</b>	<b>12.8235</b>	<b>14.1002</b>	<b>0.0250</b>		<b>0.5381</b>	<b>0.5381</b>		<b>0.5153</b>	<b>0.5153</b>			<b>2,289.6541</b>	<b>0.4265</b>		<b>2,300.3154</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
Vendor	9.2000e-003	0.3406	0.1207	1.6100e-003	0.0542	2.1000e-003	0.0563	0.0156	2.0100e-003	0.0176			173.7545	5.4800e-003	0.0252	181.3882
Worker	0.1411	0.0839	1.2314	3.8600e-003	0.4518	2.3100e-003	0.4541	0.1198	2.1200e-003	0.1220			390.2573	9.9500e-003	9.4000e-003	393.3074
<b>Total</b>	<b>0.1503</b>	<b>0.4245</b>	<b>1.3521</b>	<b>5.4700e-003</b>	<b>0.5060</b>	<b>4.4100e-003</b>	<b>0.5104</b>	<b>0.1354</b>	<b>4.1300e-003</b>	<b>0.1396</b>			<b>564.0117</b>	<b>0.0154</b>	<b>0.0346</b>	<b>574.6957</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 2024**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153	0.0000		2,289.6541	0.4265		2,300.3154
<b>Total</b>	<b>1.5971</b>	<b>12.8235</b>	<b>14.1002</b>	<b>0.0250</b>		<b>0.5381</b>	<b>0.5381</b>		<b>0.5153</b>	<b>0.5153</b>	<b>0.0000</b>		<b>2,289.6541</b>	<b>0.4265</b>		<b>2,300.3154</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
Vendor	9.2000e-003	0.3406	0.1207	1.6100e-003	0.0542	2.1000e-003	0.0563	0.0156	2.0100e-003	0.0176			173.7545	5.4800e-003	0.0252	181.3882
Worker	0.1411	0.0839	1.2314	3.8600e-003	0.4518	2.3100e-003	0.4541	0.1198	2.1200e-003	0.1220			390.2573	9.9500e-003	9.4000e-003	393.3074
<b>Total</b>	<b>0.1503</b>	<b>0.4245</b>	<b>1.3521</b>	<b>5.4700e-003</b>	<b>0.5060</b>	<b>4.4100e-003</b>	<b>0.5104</b>	<b>0.1354</b>	<b>4.1300e-003</b>	<b>0.1396</b>			<b>564.0117</b>	<b>0.0154</b>	<b>0.0346</b>	<b>574.6957</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 2025**

**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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498			2,289.8898	0.4200		2,300.3887
<b>Total</b>	<b>1.4897</b>	<b>12.0233</b>	<b>14.0072</b>	<b>0.0250</b>		<b>0.4700</b>	<b>0.4700</b>		<b>0.4498</b>	<b>0.4498</b>			<b>2,289.8898</b>	<b>0.4200</b>		<b>2,300.3887</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
Vendor	8.9200e-003	0.3373	0.1187	1.5700e-003	0.0542	2.0900e-003	0.0563	0.0156	2.0000e-003	0.0176			170.4399	5.6200e-003	0.0247	177.9304
Worker	0.1329	0.0760	1.1528	3.7300e-003	0.4518	2.2000e-003	0.4540	0.1198	2.0300e-003	0.1219			376.9464	9.0700e-003	8.8200e-003	379.8028
<b>Total</b>	<b>0.1418</b>	<b>0.4132</b>	<b>1.2714</b>	<b>5.3000e-003</b>	<b>0.5060</b>	<b>4.2900e-003</b>	<b>0.5103</b>	<b>0.1354</b>	<b>4.0300e-003</b>	<b>0.1395</b>			<b>547.3863</b>	<b>0.0147</b>	<b>0.0335</b>	<b>557.7332</b>



PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.4 Building Construction - 2025**

**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	1.4897	12.0233	14.0072	0.0250		0.4700	0.4700		0.4498	0.4498	0.0000		2,289.8898	0.4200		2,300.3887
<b>Total</b>	<b>1.4897</b>	<b>12.0233</b>	<b>14.0072</b>	<b>0.0250</b>		<b>0.4700</b>	<b>0.4700</b>		<b>0.4498</b>	<b>0.4498</b>	<b>0.0000</b>		<b>2,289.8898</b>	<b>0.4200</b>		<b>2,300.3887</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
Vendor	8.9200e-003	0.3373	0.1187	1.5700e-003	0.0542	2.0900e-003	0.0563	0.0156	2.0000e-003	0.0176			170.4399	5.6200e-003	0.0247	177.9304
Worker	0.1329	0.0760	1.1528	3.7300e-003	0.4518	2.2000e-003	0.4540	0.1198	2.0300e-003	0.1219			376.9464	9.0700e-003	8.8200e-003	379.8028
<b>Total</b>	<b>0.1418</b>	<b>0.4132</b>	<b>1.2714</b>	<b>5.3000e-003</b>	<b>0.5060</b>	<b>4.2900e-003</b>	<b>0.5103</b>	<b>0.1354</b>	<b>4.0300e-003</b>	<b>0.1395</b>			<b>547.3863</b>	<b>0.0147</b>	<b>0.0335</b>	<b>557.7332</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.5 Paving - 2025**

**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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234			1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7854</b>	<b>7.4371</b>	<b>11.6737</b>	<b>0.0179</b>		<b>0.3503</b>	<b>0.3503</b>		<b>0.3234</b>	<b>0.3234</b>			<b>1,710.0067</b>	<b>0.5420</b>		<b>1,723.5556</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0363	0.0207	0.3144	1.0200e-003	0.1232	6.0000e-004	0.1238	0.0327	5.5000e-004	0.0332			102.8036	2.4700e-003	2.4100e-003	103.5826
<b>Total</b>	<b>0.0363</b>	<b>0.0207</b>	<b>0.3144</b>	<b>1.0200e-003</b>	<b>0.1232</b>	<b>6.0000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.5000e-004</b>	<b>0.0332</b>			<b>102.8036</b>	<b>2.4700e-003</b>	<b>2.4100e-003</b>	<b>103.5826</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.5 Paving - 2025**

**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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000		1,710.0067	0.5420		1,723.5556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7854</b>	<b>7.4371</b>	<b>11.6737</b>	<b>0.0179</b>		<b>0.3503</b>	<b>0.3503</b>		<b>0.3234</b>	<b>0.3234</b>	<b>0.0000</b>		<b>1,710.0067</b>	<b>0.5420</b>		<b>1,723.5556</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0363	0.0207	0.3144	1.0200e-003	0.1232	6.0000e-004	0.1238	0.0327	5.5000e-004	0.0332			102.8036	2.4700e-003	2.4100e-003	103.5826
<b>Total</b>	<b>0.0363</b>	<b>0.0207</b>	<b>0.3144</b>	<b>1.0200e-003</b>	<b>0.1232</b>	<b>6.0000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.5000e-004</b>	<b>0.0332</b>			<b>102.8036</b>	<b>2.4700e-003</b>	<b>2.4100e-003</b>	<b>103.5826</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.6 Architectural Coating - 2025**

**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	41.6107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515			281.4481	0.0154		281.8319
<b>Total</b>	<b>41.7816</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>			<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0266	0.0152	0.2306	7.5000e-004	0.0904	4.4000e-004	0.0908	0.0240	4.1000e-004	0.0244			75.3893	1.8100e-003	1.7600e-003	75.9606
<b>Total</b>	<b>0.0266</b>	<b>0.0152</b>	<b>0.2306</b>	<b>7.5000e-004</b>	<b>0.0904</b>	<b>4.4000e-004</b>	<b>0.0908</b>	<b>0.0240</b>	<b>4.1000e-004</b>	<b>0.0244</b>			<b>75.3893</b>	<b>1.8100e-003</b>	<b>1.7600e-003</b>	<b>75.9606</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**3.6 Architectural Coating - 2025**

**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	41.6107					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000		281.4481	0.0154		281.8319
<b>Total</b>	<b>41.7816</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>		<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Worker	0.0266	0.0152	0.2306	7.5000e-004	0.0904	4.4000e-004	0.0908	0.0240	4.1000e-004	0.0244			75.3893	1.8100e-003	1.7600e-003	75.9606
<b>Total</b>	<b>0.0266</b>	<b>0.0152</b>	<b>0.2306</b>	<b>7.5000e-004</b>	<b>0.0904</b>	<b>4.4000e-004</b>	<b>0.0908</b>	<b>0.0240</b>	<b>4.1000e-004</b>	<b>0.0244</b>			<b>75.3893</b>	<b>1.8100e-003</b>	<b>1.7600e-003</b>	<b>75.9606</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.1456	1.1405	10.2416	0.0228	2.4850	0.0171	2.5021	0.6620	0.0159	0.6779			2,326.9398	0.1543	0.0975	2,359.8414
Unmitigated	1.1456	1.1405	10.2416	0.0228	2.4850	0.0171	2.5021	0.6620	0.0159	0.6779			2,326.9398	0.1543	0.0975	2,359.8414

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	413.44	373.16	310.84	1,122,216	1,122,216
Total	413.44	373.16	310.84	1,122,216	1,122,216

**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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.561854	0.062428	0.177046	0.117565	0.023832	0.006317	0.008949	0.006298	0.000705	0.000577	0.028723	0.000955	0.004751

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960
NaturalGas Unmitigated	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960

**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					
Apartments Mid Rise	1515.01	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960
<b>Total</b>		<b>0.0163</b>	<b>0.1396</b>	<b>0.0594</b>	<b>8.9000e-004</b>		<b>0.0113</b>	<b>0.0113</b>		<b>0.0113</b>	<b>0.0113</b>			<b>178.2368</b>	<b>3.4200e-003</b>	<b>3.2700e-003</b>	<b>179.2960</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1.51501	0.0163	0.1396	0.0594	8.9000e-004		0.0113	0.0113		0.0113	0.0113			178.2368	3.4200e-003	3.2700e-003	179.2960
<b>Total</b>		<b>0.0163</b>	<b>0.1396</b>	<b>0.0594</b>	<b>8.9000e-004</b>		<b>0.0113</b>	<b>0.0113</b>		<b>0.0113</b>	<b>0.0113</b>			<b>178.2368</b>	<b>3.4200e-003</b>	<b>3.2700e-003</b>	<b>179.2960</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	118.7759	2.3436	149.8362	0.2604		20.1649	20.1649		20.1649	20.1649	2,110.6515		3,007.1180	1.9586	0.1660	3,105.5564
Unmitigated	118.7759	2.3436	149.8362	0.2604		20.1649	20.1649		20.1649	20.1649	2,110.6515		3,007.1180	1.9586	0.1660	3,105.5564



PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.3100	2.2714	143.5721	0.2601		20.1302	20.1302		20.1302	20.1302	2,110.6515		2,995.8280	1.9478	0.1660	3,093.9961
Landscaping	0.1881	0.0722	6.2642	3.3000e-004		0.0348	0.0348		0.0348	0.0348			11.2900	0.0108		11.5603
<b>Total</b>	<b>118.7759</b>	<b>2.3436</b>	<b>149.8362</b>	<b>0.2604</b>		<b>20.1649</b>	<b>20.1649</b>		<b>20.1649</b>	<b>20.1649</b>	<b>2,110.6515</b>		<b>3,007.1180</b>	<b>1.9586</b>	<b>0.1660</b>	<b>3,105.5564</b>

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.3100	2.2714	143.5721	0.2601		20.1302	20.1302		20.1302	20.1302	2,110.6515		2,995.8280	1.9478	0.1660	3,093.9961
Landscaping	0.1881	0.0722	6.2642	3.3000e-004		0.0348	0.0348		0.0348	0.0348			11.2900	0.0108		11.5603
<b>Total</b>	<b>118.7759</b>	<b>2.3436</b>	<b>149.8362</b>	<b>0.2604</b>		<b>20.1649</b>	<b>20.1649</b>		<b>20.1649</b>	<b>20.1649</b>	<b>2,110.6515</b>		<b>3,007.1180</b>	<b>1.9586</b>	<b>0.1660</b>	<b>3,105.5564</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

PDS2020-LDGRMJ-30273 - San Diego County, Summer

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

**8.0 Waste Detail**

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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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