

Guadalupe Manor - Orange County, Annual

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

**Guadalupe Manor  
Orange County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Retirement Community	29.00	Dwelling Unit	0.21	13,500.00	83

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	30
<b>Climate Zone</b>	8			<b>Operational Year</b>	2024
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	390.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

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

- Project Characteristics -
- Land Use - site size 2.1 acres, only portion of site to be disturbed, 13,500 sf floor area
- Construction Phase -
- Vehicle Trips - 3.24 trips per unit per traffic analysis
- Construction Off-road Equipment Mitigation -
- Area Mitigation -
- Grading -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	29,000.00	13,500.00
tblLandUse	LotAcreage	5.80	0.21
tblVehicleTrips	ST_TR	2.03	3.24

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tblVehicleTrips	SU_TR	1.95	3.24
tblVehicleTrips	WD_TR	2.40	3.24

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0811	0.3595	0.4517	8.1000e-004	0.0190	0.0166	0.0357	6.2300e-003	0.0154	0.0216	0.0000	71.6045	71.6045	0.0186	6.0000e-004	72.2496
<b>Maximum</b>	<b>0.0811</b>	<b>0.3595</b>	<b>0.4517</b>	<b>8.1000e-004</b>	<b>0.0190</b>	<b>0.0166</b>	<b>0.0357</b>	<b>6.2300e-003</b>	<b>0.0154</b>	<b>0.0216</b>	<b>0.0000</b>	<b>71.6045</b>	<b>71.6045</b>	<b>0.0186</b>	<b>6.0000e-004</b>	<b>72.2496</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0811	0.3595	0.4517	8.1000e-004	0.0161	0.0166	0.0327	4.8200e-003	0.0154	0.0202	0.0000	71.6044	71.6044	0.0186	6.0000e-004	72.2495
<b>Maximum</b>	<b>0.0811</b>	<b>0.3595</b>	<b>0.4517</b>	<b>8.1000e-004</b>	<b>0.0161</b>	<b>0.0166</b>	<b>0.0327</b>	<b>4.8200e-003</b>	<b>0.0154</b>	<b>0.0202</b>	<b>0.0000</b>	<b>71.6044</b>	<b>71.6044</b>	<b>0.0186</b>	<b>6.0000e-004</b>	<b>72.2495</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	15.35	0.00	8.22	22.63	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2024	3-31-2024	0.2232	0.2232
2	4-1-2024	6-30-2024	0.2176	0.2176
		Highest	0.2232	0.2232

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1570	0.0110	0.4833	4.9000e-004		0.0294	0.0294		0.0294	0.0294	3.0804	6.4079	9.4883	9.6500e-003	2.1000e-004	9.7919
Energy	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	40.8794	40.8794	2.2000e-003	5.7000e-004	41.1053
Mobile	0.0451	0.0513	0.4670	1.0900e-003	0.1210	7.5000e-004	0.1217	0.0323	7.0000e-004	0.0330	0.0000	100.9933	100.9933	6.1400e-003	4.2400e-003	102.4088
Waste						0.0000	0.0000		0.0000	0.0000	2.7079	0.0000	2.7079	0.1600	0.0000	6.7087
Water						0.0000	0.0000		0.0000	0.0000	0.5994	6.7102	7.3096	0.0621	1.5200e-003	9.3167
<b>Total</b>	<b>0.2040</b>	<b>0.0789</b>	<b>0.9573</b>	<b>1.6900e-003</b>	<b>0.1210</b>	<b>0.0314</b>	<b>0.1524</b>	<b>0.0323</b>	<b>0.0314</b>	<b>0.0637</b>	<b>6.3877</b>	<b>154.9908</b>	<b>161.3785</b>	<b>0.2402</b>	<b>6.5400e-003</b>	<b>169.3315</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0626	8.8600e-003	0.3012	5.0000e-005		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003	0.0000	6.7561	6.7561	5.9000e-004	1.1000e-004	6.8051
Energy	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	40.8794	40.8794	2.2000e-003	5.7000e-004	41.1053
Mobile	0.0451	0.0513	0.4670	1.0900e-003	0.1210	7.5000e-004	0.1217	0.0323	7.0000e-004	0.0330	0.0000	100.9933	100.9933	6.1400e-003	4.2400e-003	102.4088
Waste						0.0000	0.0000		0.0000	0.0000	2.7079	0.0000	2.7079	0.1600	0.0000	6.7087
Water						0.0000	0.0000		0.0000	0.0000	0.5994	6.7102	7.3096	0.0621	1.5200e-003	9.3167
<b>Total</b>	<b>0.1096</b>	<b>0.0768</b>	<b>0.7753</b>	<b>1.2500e-003</b>	<b>0.1210</b>	<b>4.1800e-003</b>	<b>0.1251</b>	<b>0.0323</b>	<b>4.1300e-003</b>	<b>0.0364</b>	<b>3.3073</b>	<b>155.3390</b>	<b>158.6463</b>	<b>0.2311</b>	<b>6.4400e-003</b>	<b>166.3446</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>46.25</b>	<b>2.68</b>	<b>19.02</b>	<b>26.04</b>	<b>0.00</b>	<b>86.70</b>	<b>17.89</b>	<b>0.00</b>	<b>86.84</b>	<b>42.81</b>	<b>48.22</b>	<b>-0.22</b>	<b>1.69</b>	<b>3.77</b>	<b>1.53</b>	<b>1.76</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	1/12/2024	5	10	
2	Grading	Grading	1/13/2024	1/16/2024	5	2	
3	Building Construction	Building Construction	1/17/2024	6/4/2024	5	100	

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4	Paving	Paving	6/5/2024	6/11/2024	5	5
5	Architectural Coating	Architectural Coating	6/12/2024	6/18/2024	5	5

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

**Acres of Grading (Grading Phase): 1.5**

**Acres of Paving: 0**

**Residential Indoor: 27,338; Residential Outdoor: 9,113; 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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Grading	Graders	1	6.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	4.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	21.00	3.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road	3.0800e-003	0.0274	0.0370	6.0000e-005		1.2500e-003	1.2500e-003		1.2000e-003	1.2000e-003	0.0000	5.2104	5.2104	9.4000e-004	0.0000	5.2339
<b>Total</b>	<b>3.0800e-003</b>	<b>0.0274</b>	<b>0.0370</b>	<b>6.0000e-005</b>		<b>1.2500e-003</b>	<b>1.2500e-003</b>		<b>1.2000e-003</b>	<b>1.2000e-003</b>	<b>0.0000</b>	<b>5.2104</b>	<b>5.2104</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>5.2339</b>

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**3.2 Demolition - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	1.3500e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4041	0.4041	1.0000e-005	1.0000e-005	0.4071
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.4041</b>	<b>0.4041</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4071</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0800e-003	0.0274	0.0370	6.0000e-005		1.2500e-003	1.2500e-003		1.2000e-003	1.2000e-003	0.0000	5.2104	5.2104	9.4000e-004	0.0000	5.2339
<b>Total</b>	<b>3.0800e-003</b>	<b>0.0274</b>	<b>0.0370</b>	<b>6.0000e-005</b>		<b>1.2500e-003</b>	<b>1.2500e-003</b>		<b>1.2000e-003</b>	<b>1.2000e-003</b>	<b>0.0000</b>	<b>5.2104</b>	<b>5.2104</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>5.2339</b>

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**3.2 Demolition - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	1.3500e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4041	0.4041	1.0000e-005	1.0000e-005	0.4071
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.4041</b>	<b>0.4041</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4071</b>

**3.3 Grading - 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	tons/yr										MT/yr					
Fugitive Dust					5.3100e-003	0.0000	5.3100e-003	2.5700e-003	0.0000	2.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1000e-004	9.7300e-003	5.5500e-003	1.0000e-005		4.0000e-004	4.0000e-004		3.7000e-004	3.7000e-004	0.0000	1.2380	1.2380	4.0000e-004	0.0000	1.2480
<b>Total</b>	<b>9.1000e-004</b>	<b>9.7300e-003</b>	<b>5.5500e-003</b>	<b>1.0000e-005</b>	<b>5.3100e-003</b>	<b>4.0000e-004</b>	<b>5.7100e-003</b>	<b>2.5700e-003</b>	<b>3.7000e-004</b>	<b>2.9400e-003</b>	<b>0.0000</b>	<b>1.2380</b>	<b>1.2380</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.2480</b>



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**3.3 Grading - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	2.2000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0647	0.0647	0.0000	0.0000	0.0651
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0647</b>	<b>0.0647</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0651</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	1.1600e-003	0.0000	1.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1000e-004	9.7300e-003	5.5500e-003	1.0000e-005		4.0000e-004	4.0000e-004		3.7000e-004	3.7000e-004	0.0000	1.2380	1.2380	4.0000e-004	0.0000	1.2480
<b>Total</b>	<b>9.1000e-004</b>	<b>9.7300e-003</b>	<b>5.5500e-003</b>	<b>1.0000e-005</b>	<b>2.3900e-003</b>	<b>4.0000e-004</b>	<b>2.7900e-003</b>	<b>1.1600e-003</b>	<b>3.7000e-004</b>	<b>1.5300e-003</b>	<b>0.0000</b>	<b>1.2380</b>	<b>1.2380</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.2480</b>

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**3.3 Grading - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	2.2000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0647	0.0647	0.0000	0.0000	0.0651
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0647</b>	<b>0.0647</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0651</b>

**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	tons/yr										MT/yr					
Off-Road	0.0298	0.2987	0.3534	5.7000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	50.1212	50.1212	0.0162	0.0000	50.5265
<b>Total</b>	<b>0.0298</b>	<b>0.2987</b>	<b>0.3534</b>	<b>5.7000e-004</b>		<b>0.0141</b>	<b>0.0141</b>		<b>0.0130</b>	<b>0.0130</b>	<b>0.0000</b>	<b>50.1212</b>	<b>50.1212</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.5265</b>

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**3.4 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.4900e-003	2.1900e-003	3.0000e-005	9.5000e-004	3.0000e-005	9.7000e-004	2.7000e-004	3.0000e-005	3.0000e-004	0.0000	2.6468	2.6468	1.6000e-004	3.8000e-004	2.7646
Worker	2.7900e-003	1.9000e-003	0.0285	9.0000e-005	0.0115	6.0000e-005	0.0116	3.0600e-003	5.0000e-005	3.1100e-003	0.0000	8.4863	8.4863	1.9000e-004	2.0000e-004	8.5499
<b>Total</b>	<b>2.9400e-003</b>	<b>7.3900e-003</b>	<b>0.0306</b>	<b>1.2000e-004</b>	<b>0.0125</b>	<b>9.0000e-005</b>	<b>0.0126</b>	<b>3.3300e-003</b>	<b>8.0000e-005</b>	<b>3.4100e-003</b>	<b>0.0000</b>	<b>11.1332</b>	<b>11.1332</b>	<b>3.5000e-004</b>	<b>5.8000e-004</b>	<b>11.3146</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0298	0.2987	0.3534	5.7000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	50.1211	50.1211	0.0162	0.0000	50.5264
<b>Total</b>	<b>0.0298</b>	<b>0.2987</b>	<b>0.3534</b>	<b>5.7000e-004</b>		<b>0.0141</b>	<b>0.0141</b>		<b>0.0130</b>	<b>0.0130</b>	<b>0.0000</b>	<b>50.1211</b>	<b>50.1211</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.5264</b>

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**3.4 Building Construction - 2024**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.4900e-003	2.1900e-003	3.0000e-005	9.5000e-004	3.0000e-005	9.7000e-004	2.7000e-004	3.0000e-005	3.0000e-004	0.0000	2.6468	2.6468	1.6000e-004	3.8000e-004	2.7646
Worker	2.7900e-003	1.9000e-003	0.0285	9.0000e-005	0.0115	6.0000e-005	0.0116	3.0600e-003	5.0000e-005	3.1100e-003	0.0000	8.4863	8.4863	1.9000e-004	2.0000e-004	8.5499
<b>Total</b>	<b>2.9400e-003</b>	<b>7.3900e-003</b>	<b>0.0306</b>	<b>1.2000e-004</b>	<b>0.0125</b>	<b>9.0000e-005</b>	<b>0.0126</b>	<b>3.3300e-003</b>	<b>8.0000e-005</b>	<b>3.4100e-003</b>	<b>0.0000</b>	<b>11.1332</b>	<b>11.1332</b>	<b>3.5000e-004</b>	<b>5.8000e-004</b>	<b>11.3146</b>

**3.5 Paving - 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	tons/yr										MT/yr					
Off-Road	1.4800e-003	0.0131	0.0176	3.0000e-005		6.1000e-004	6.1000e-004		5.7000e-004	5.7000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	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>1.4800e-003</b>	<b>0.0131</b>	<b>0.0176</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.3502</b>	<b>2.3502</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3673</b>

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

**3.5 Paving - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	1.2200e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3637	0.3637	1.0000e-005	1.0000e-005	0.3664
<b>Total</b>	<b>1.2000e-004</b>	<b>8.0000e-005</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.3637</b>	<b>0.3637</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3664</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4800e-003	0.0131	0.0176	3.0000e-005		6.1000e-004	6.1000e-004		5.7000e-004	5.7000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	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>1.4800e-003</b>	<b>0.0131</b>	<b>0.0176</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>5.7000e-004</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.3502</b>	<b>2.3502</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3673</b>

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**3.5 Paving - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	1.2200e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3637	0.3637	1.0000e-005	1.0000e-005	0.3664
<b>Total</b>	<b>1.2000e-004</b>	<b>8.0000e-005</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.3637</b>	<b>0.3637</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.3664</b>

**3.6 Architectural Coating - 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	tons/yr										MT/yr					
Archit. Coating	0.0422					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	3.0500e-003	4.5300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6392
<b>Total</b>	<b>0.0427</b>	<b>3.0500e-003</b>	<b>4.5300e-003</b>	<b>1.0000e-005</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6392</b>

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**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.7000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0808	0.0808	0.0000	0.0000	0.0814
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0808</b>	<b>0.0808</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0814</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0422					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	3.0500e-003	4.5300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6392
<b>Total</b>	<b>0.0427</b>	<b>3.0500e-003</b>	<b>4.5300e-003</b>	<b>1.0000e-005</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6392</b>

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**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	2.0000e-005	2.7000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0808	0.0808	0.0000	0.0000	0.0814
<b>Total</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0808</b>	<b>0.0808</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0814</b>



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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0451	0.0513	0.4670	1.0900e-003	0.1210	7.5000e-004	0.1217	0.0323	7.0000e-004	0.0330	0.0000	100.9933	100.9933	6.1400e-003	4.2400e-003	102.4088
Unmitigated	0.0451	0.0513	0.4670	1.0900e-003	0.1210	7.5000e-004	0.1217	0.0323	7.0000e-004	0.0330	0.0000	100.9933	100.9933	6.1400e-003	4.2400e-003	102.4088

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Retirement Community	93.96	93.96	93.96	321,076	321,076
Total	93.96	93.96	93.96	321,076	321,076

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
Retirement Community	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Retirement Community	0.546200	0.059546	0.185910	0.127866	0.024295	0.006605	0.014499	0.004906	0.000657	0.000381	0.024552	0.000713	0.003869

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21.6601	21.6601	1.8300e-003	2.2000e-004	21.7719
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21.6601	21.6601	1.8300e-003	2.2000e-004	21.7719
NaturalGas Mitigated	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2193	19.2193	3.7000e-004	3.5000e-004	19.3335
NaturalGas Unmitigated	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2193	19.2193	3.7000e-004	3.5000e-004	19.3335

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Retirement Community	360155	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2193	19.2193	3.7000e-004	3.5000e-004	19.3335
<b>Total</b>		<b>1.9400e-003</b>	<b>0.0166</b>	<b>7.0600e-003</b>	<b>1.1000e-004</b>		<b>1.3400e-003</b>	<b>1.3400e-003</b>		<b>1.3400e-003</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>19.2193</b>	<b>19.2193</b>	<b>3.7000e-004</b>	<b>3.5000e-004</b>	<b>19.3335</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Retirement Community	360155	1.9400e-003	0.0166	7.0600e-003	1.1000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	19.2193	19.2193	3.7000e-004	3.5000e-004	19.3335
<b>Total</b>		<b>1.9400e-003</b>	<b>0.0166</b>	<b>7.0600e-003</b>	<b>1.1000e-004</b>		<b>1.3400e-003</b>	<b>1.3400e-003</b>		<b>1.3400e-003</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>19.2193</b>	<b>19.2193</b>	<b>3.7000e-004</b>	<b>3.5000e-004</b>	<b>19.3335</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Retirement Community	122135	21.6601	1.8300e-003	2.2000e-004	21.7719
<b>Total</b>		<b>21.6601</b>	<b>1.8300e-003</b>	<b>2.2000e-004</b>	<b>21.7719</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Retirement Community	122135	21.6601	1.8300e-003	2.2000e-004	21.7719
<b>Total</b>		<b>21.6601</b>	<b>1.8300e-003</b>	<b>2.2000e-004</b>	<b>21.7719</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Use only Natural Gas Hearths

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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
Category	tons/yr										MT/yr					
Mitigated	0.0626	8.8600e-003	0.3012	5.0000e-005		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003	0.0000	6.7561	6.7561	5.9000e-004	1.1000e-004	6.8051
Unmitigated	0.1570	0.0110	0.4833	4.9000e-004		0.0294	0.0294		0.0294	0.0294	3.0804	6.4079	9.4883	9.6500e-003	2.1000e-004	9.7919

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0950	7.5200e-003	0.1844	4.7000e-004		0.0277	0.0277		0.0277	0.0277	3.0804	5.9194	8.9997	9.1900e-003	2.1000e-004	9.2917
Landscaping	8.9900e-003	3.4400e-003	0.2989	2.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	0.4885	0.4885	4.7000e-004	0.0000	0.5002
<b>Total</b>	<b>0.1570</b>	<b>0.0110</b>	<b>0.4833</b>	<b>4.9000e-004</b>		<b>0.0294</b>	<b>0.0294</b>		<b>0.0294</b>	<b>0.0294</b>	<b>3.0804</b>	<b>6.4079</b>	<b>9.4883</b>	<b>9.6600e-003</b>	<b>2.1000e-004</b>	<b>9.7919</b>

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.3000e-004	5.4100e-003	2.3000e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.2676	6.2676	1.2000e-004	1.1000e-004	6.3048
Landscaping	8.9900e-003	3.4400e-003	0.2989	2.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	0.4885	0.4885	4.7000e-004	0.0000	0.5002
<b>Total</b>	<b>0.0626</b>	<b>8.8500e-003</b>	<b>0.3012</b>	<b>5.0000e-005</b>		<b>2.1000e-003</b>	<b>2.1000e-003</b>		<b>2.1000e-003</b>	<b>2.1000e-003</b>	<b>0.0000</b>	<b>6.7561</b>	<b>6.7561</b>	<b>5.9000e-004</b>	<b>1.1000e-004</b>	<b>6.8051</b>

7.0 Water Detail

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 Not Applied**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.3096	0.0621	1.5200e-003	9.3167
Unmitigated	7.3096	0.0621	1.5200e-003	9.3167

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Retirement Community	1.88947 / 1.19119	7.3096	0.0621	1.5200e-003	9.3167
<b>Total</b>		<b>7.3096</b>	<b>0.0621</b>	<b>1.5200e-003</b>	<b>9.3167</b>

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Retirement Community	1.88947 / 1.19119	7.3096	0.0621	1.5200e-003	9.3167
<b>Total</b>		<b>7.3096</b>	<b>0.0621</b>	<b>1.5200e-003</b>	<b>9.3167</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.7079	0.1600	0.0000	6.7087
Unmitigated	2.7079	0.1600	0.0000	6.7087



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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Retirement Community	13.34	2.7079	0.1600	0.0000	6.7087
<b>Total</b>		<b>2.7079</b>	<b>0.1600</b>	<b>0.0000</b>	<b>6.7087</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Retirement Community	13.34	2.7079	0.1600	0.0000	6.7087
<b>Total</b>		<b>2.7079</b>	<b>0.1600</b>	<b>0.0000</b>	<b>6.7087</b>

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

**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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