

1050 La Cienega Blvd - Los Angeles-South Coast County, Summer

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

**1050 La Cienega Blvd**  
**Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics****1.1 Land Usage**

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| Apartments High Rise                | 290.00 | Dwelling Unit | 1.83        | 409,710.00         | 679        |
| High Turnover (Sit Down Restaurant) | 7.50   | 1000sqft      | 0.00        | 7,500.00           | 0          |
| Unenclosed Parking with Elevator    | 447.00 | Space         | 0.00        | 206,980.00         | 0          |

**1.2 Other Project Characteristics**

|                                |                                         |                                |       |                                  |       |
|--------------------------------|-----------------------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                                   | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                                      |                                |       | <b>Operational Year</b>          | 2025  |
| <b>Utility Company</b>         | Los Angeles Department of Water & Power |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 691.98                                  | <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 - Residential sqft equivalent to gross residential area and open space.

Construction Phase - Applicant info. Approximate 32-month construction schedule.

Off-road Equipment - Applicant info.

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Off-road Equipment - Applicant info.

Grading - Applicant info.

Trips and VMT - Separate CalEEMod analysis provided for "maximum haul day scenario" assuming 250 one-way haul truck trips per day.

Woodstoves - No hearths.

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Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

Vehicle Trips -

| Table Name             | Column Name                    | Default Value | New Value  |
|------------------------|--------------------------------|---------------|------------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80         |
| tblConstructionPhase   | NumDays                        | 4.00          | 85.00      |
| tblConstructionPhase   | NumDays                        | 4.00          | 45.00      |
| tblConstructionPhase   | NumDays                        | 200.00        | 500.00     |
| tblConstructionPhase   | NumDays                        | 10.00         | 173.00     |
| tblConstructionPhase   | PhaseEndDate                   | 2/6/2023      | 4/28/2023  |
| tblConstructionPhase   | PhaseStartDate                 | 2/1/2023      | 1/2/2023   |
| tblFireplaces          | FireplaceDayYear               | 25.00         | 0.00       |
| tblFireplaces          | FireplaceHourDay               | 3.00          | 0.00       |
| tblFireplaces          | FireplaceWoodMass              | 1,019.20      | 0.00       |
| tblFireplaces          | NumberGas                      | 246.50        | 0.00       |
| tblFireplaces          | NumberNoFireplace              | 29.00         | 0.00       |
| tblFireplaces          | NumberWood                     | 14.50         | 0.00       |
| tblGrading             | AcresOfGrading                 | 42.50         | 1.83       |
| tblGrading             | MaterialExported               | 0.00          | 48,931.00  |
| tblLandUse             | LandUseSquareFeet              | 290,000.00    | 409,710.00 |
| tblLandUse             | LandUseSquareFeet              | 178,800.00    | 206,980.00 |
| tblLandUse             | LotAcreage                     | 4.68          | 1.83       |
| tblLandUse             | LotAcreage                     | 0.17          | 0.00       |
| tblLandUse             | LotAcreage                     | 4.02          | 0.00       |
| tblLandUse             | Population                     | 829.00        | 679.00     |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.50          | 0.50       |
| tblOffRoadEquipment    | LoadFactor                     | 0.29          | 0.29       |

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|                     |                            |          |                          |
|---------------------|----------------------------|----------|--------------------------|
| tblOffRoadEquipment | LoadFactor                 | 0.38     | 0.38                     |
| tblOffRoadEquipment | LoadFactor                 | 0.31     | 0.31                     |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Rollers                  |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Bore/Drill Rigs          |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cement and Mortar Mixers |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cranes                   |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Pumps                    |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Aerial Lifts             |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00     | 1.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 7.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblTripsAndVMT      | HaulingTripLength          | 20.00    | 40.00                    |
| tblTripsAndVMT      | HaulingTripNumber          | 6,116.00 | 6,990.00                 |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 50.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 40.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 299.00   | 300.00                   |
| tblTripsAndVMT      | WorkerTripNumber           | 60.00    | 250.00                   |
| tblWoodstoves       | NumberCatalytic            | 14.50    | 0.00                     |
| tblWoodstoves       | NumberNoncatalytic         | 14.50    | 0.00                     |
| tblWoodstoves       | WoodstoveDayYear           | 25.00    | 0.00                     |
| tblWoodstoves       | WoodstoveWoodMass          | 999.60   | 0.00                     |

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## **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 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    | 2.7450  | 34.5879 | 26.8227 | 0.1250 | 9.4343        | 0.8307       | 10.2650    | 4.2298         | 0.7692        | 4.9990      | 0.0000   | 13,351.18<br>49 | 13,351.18<br>49 | 1.4304 | 1.6514 | 13,879.06<br>89 |
| 2024    | 2.5650  | 16.1819 | 25.9263 | 0.0673 | 3.7761        | 0.5576       | 4.3337     | 1.0110         | 0.5337        | 1.5448      | 0.0000   | 6,632.950<br>9  | 6,632.950<br>9  | 0.5801 | 0.2518 | 6,722.484<br>9  |
| 2025    | 18.8771 | 17.2978 | 35.3322 | 0.0932 | 6.5705        | 0.5747       | 7.1452     | 1.7521         | 0.5522        | 2.3043      | 0.0000   | 9,232.342<br>0  | 9,232.342<br>0  | 0.6391 | 0.2944 | 9,336.053<br>4  |
| Maximum | 18.8771 | 34.5879 | 35.3322 | 0.1250 | 9.4343        | 0.8307       | 10.2650    | 4.2298         | 0.7692        | 4.9990      | 0.0000   | 13,351.18<br>49 | 13,351.18<br>49 | 1.4304 | 1.6514 | 13,879.06<br>89 |

**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    | 2.7450  | 34.5879 | 26.8227 | 0.1250 | 3.6567        | 0.8307       | 4.4873     | 1.6997         | 0.7692        | 2.4689      | 0.0000   | 13,351.18<br>49 | 13,351.18<br>49 | 1.4304 | 1.6514 | 13,879.06<br>89 |
| 2024    | 2.5650  | 16.1819 | 25.9263 | 0.0673 | 1.2030        | 0.5576       | 1.7606     | 0.3795         | 0.5337        | 0.9132      | 0.0000   | 6,632.950<br>9  | 6,632.950<br>9  | 0.5801 | 0.2518 | 6,722.484<br>9  |
| 2025    | 18.8771 | 17.2978 | 35.3322 | 0.0932 | 2.0539        | 0.5747       | 2.6286     | 0.6435         | 0.5522        | 1.1957      | 0.0000   | 9,232.342<br>0  | 9,232.342<br>0  | 0.6391 | 0.2944 | 9,336.053<br>4  |
| Maximum | 18.8771 | 34.5879 | 35.3322 | 0.1250 | 3.6567        | 0.8307       | 4.4873     | 1.6997         | 0.7692        | 2.4689      | 0.0000   | 13,351.18<br>49 | 13,351.18<br>49 | 1.4304 | 1.6514 | 13,879.06<br>89 |

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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 | 65.05         | 0.00         | 59.18      | 61.06          | 0.00          | 48.26       | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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         | 9.7932         | 0.2758        | 23.9490        | 1.2700e-003   |                | 0.1328        | 0.1328         |                | 0.1328        | 0.1328        | 0.0000        | 43.1796            | 43.1796            | 0.0415        | 0.0000        | 44.2175            |
| Energy       | 0.1283         | 1.1238        | 0.6705         | 7.0000e-003   |                | 0.0886        | 0.0886         |                | 0.0886        | 0.0886        |               | 1,399.0675         | 1,399.0675         | 0.0268        | 0.0257        | 1,407.3815         |
| Mobile       | 5.9488         | 5.4351        | 54.1796        | 0.1169        | 12.5217        | 0.0843        | 12.6060        | 3.3356         | 0.0783        | 3.4139        |               | 11,918.1084        | 11,918.1084        | 0.8320        | 0.5056        | 12,089.5676        |
| <b>Total</b> | <b>15.8703</b> | <b>6.8347</b> | <b>78.7991</b> | <b>0.1252</b> | <b>12.5217</b> | <b>0.3057</b> | <b>12.8274</b> | <b>3.3356</b>  | <b>0.2997</b> | <b>3.6353</b> | <b>0.0000</b> | <b>13,360.3556</b> | <b>13,360.3556</b> | <b>0.9003</b> | <b>0.5312</b> | <b>13,541.1665</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         | 9.7932         | 0.2758        | 23.9490        | 1.2700e-003   |                | 0.1328        | 0.1328         |                | 0.1328        | 0.1328        | 0.0000        | 43.1796            | 43.1796            | 0.0415        | 0.0000        | 44.2175            |
| Energy       | 0.1283         | 1.1238        | 0.6705         | 7.0000e-003   |                | 0.0886        | 0.0886         |                | 0.0886        | 0.0886        |               | 1,399.0675         | 1,399.0675         | 0.0268        | 0.0257        | 1,407.3815         |
| Mobile       | 5.9488         | 5.4351        | 54.1796        | 0.1169        | 12.5217        | 0.0843        | 12.6060        | 3.3356         | 0.0783        | 3.4139        |               | 11,918.1084        | 11,918.1084        | 0.8320        | 0.5056        | 12,089.5676        |
| <b>Total</b> | <b>15.8703</b> | <b>6.8347</b> | <b>78.7991</b> | <b>0.1252</b> | <b>12.5217</b> | <b>0.3057</b> | <b>12.8274</b> | <b>3.3356</b>  | <b>0.2997</b> | <b>3.6353</b> | <b>0.0000</b> | <b>13,360.3556</b> | <b>13,360.3556</b> | <b>0.9003</b> | <b>0.5312</b> | <b>13,541.1665</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            | Excavation            | Grading               | 1/2/2023   | 4/28/2023 | 5             | 85       |                   |
| 2            | Piles                 | Grading               | 5/1/2023   | 6/30/2023 | 5             | 45       |                   |
| 3            | Building Construction | Building Construction | 7/3/2023   | 5/30/2025 | 5             | 500      |                   |
| 4            | Architectural Coating | Architectural Coating | 1/1/2025   | 8/29/2025 | 5             | 173      |                   |

**Acres of Grading (Site Preparation Phase): 0****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 0****Residential Indoor: 829,663; Residential Outdoor: 276,554; Non-Residential Indoor: 11,250; Non-Residential Outdoor: 3,750; Striped Parking Area: 12,419 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name            | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors        | 1      | 8.00        | 78          | 0.48        |
| Piles                 | Graders                | 0      | 8.00        | 187         | 0.41        |
| Piles                 | Rubber Tired Dozers    | 0      | 8.00        | 247         | 0.40        |
| Building Construction | Cranes                 | 1      | 8.00        | 231         | 0.29        |
| Building Construction | Forklifts              | 1      | 8.00        | 89          | 0.20        |
| Building Construction | Generator Sets         | 1      | 8.00        | 84          | 0.74        |
| Excavation            | Graders                | 0      | 8.00        | 187         | 0.41        |

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|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Piles                 | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Excavation            | Excavators                | 2 | 8.00 | 158 | 0.38 |
| Excavation            | Rollers                   | 1 | 8.00 | 80  | 0.38 |
| Piles                 | Bore/Drill Rigs           | 1 | 8.00 | 221 | 0.50 |
| Piles                 | Cement and Mortar Mixers  | 1 | 8.00 | 9   | 0.56 |
| Excavation            | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Piles                 | Cranes                    | 1 | 8.00 | 231 | 0.29 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Piles                 | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Excavation            | Tractors/Loaders/Backhoes | 2 | 7.00 | 97  | 0.37 |
| Piles                 | Pumps                     | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Aerial Lifts              | 1 | 8.00 | 63  | 0.31 |
| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Piles                 | 6                       | 50.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Excavation            | 6                       | 40.00              | 0.00               | 6,990.00            | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 8                       | 300.00             | 66.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 250.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Water Exposed Area

Clean Paved Roads

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Excavation - 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 |               |                |                |               | 6.1100        | 0.0000        | 6.1100        | 3.3226         | 0.0000        | 3.3226        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.4806        | 14.5171        | 15.3881        | 0.0270        |               | 0.6934        | 0.6934        |                | 0.6380        | 0.6380        |          | 2,610.8698        | 2,610.8698        | 0.8444        |     | 2,631.9800        |
| <b>Total</b>  | <b>1.4806</b> | <b>14.5171</b> | <b>15.3881</b> | <b>0.0270</b> | <b>6.1100</b> | <b>0.6934</b> | <b>6.8035</b> | <b>3.3226</b>  | <b>0.6380</b> | <b>3.9605</b> |          | <b>2,610.8698</b> | <b>2,610.8698</b> | <b>0.8444</b> |     | <b>2,631.9800</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      | 0.2680        | 19.9816        | 4.5028        | 0.0941        | 2.8772        | 0.1345        | 3.0117        | 0.7887         | 0.1287        | 0.9174        |          | 10,340.2850        | 10,340.2850        | 0.5759        | 1.6422        | 10,844.0555        |
| 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       | 0.1280        | 0.0892         | 1.4456        | 3.9600e-003   | 0.4471        | 2.6900e-003   | 0.4498        | 0.1186         | 2.4800e-003   | 0.1211        |          | 400.0302           | 400.0302           | 0.0101        | 9.2300e-003   | 403.0334           |
| <b>Total</b> | <b>0.3960</b> | <b>20.0708</b> | <b>5.9484</b> | <b>0.0980</b> | <b>3.3243</b> | <b>0.1372</b> | <b>3.4615</b> | <b>0.9073</b>  | <b>0.1312</b> | <b>1.0385</b> |          | <b>10,740.3152</b> | <b>10,740.3152</b> | <b>0.5860</b> | <b>1.6514</b> | <b>11,247.0889</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                   |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |                |                |               | 2.3829        | 0.0000        | 2.3829        | 1.2958         | 0.0000        | 1.2958        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 1.4806        | 14.5171        | 15.3881        | 0.0270        |               | 0.6934        | 0.6934        |                | 0.6380        | 0.6380        | 0.0000        | 2,610.869<br>8         | 2,610.869<br>8         | 0.8444        |     | 2,631.980<br>0         |
| <b>Total</b>  | <b>1.4806</b> | <b>14.5171</b> | <b>15.3881</b> | <b>0.0270</b> | <b>2.3829</b> | <b>0.6934</b> | <b>3.0763</b> | <b>1.2958</b>  | <b>0.6380</b> | <b>1.9337</b> | <b>0.0000</b> | <b>2,610.869<br/>8</b> | <b>2,610.869<br/>8</b> | <b>0.8444</b> |     | <b>2,631.980<br/>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      | 0.2680        | 19.9816        | 4.5028        | 0.0941          | 1.1376        | 0.1345          | 1.2721        | 0.3617         | 0.1287          | 0.4904        |          | 10,340.28<br>50         | 10,340.28<br>50         | 0.5759        | 1.6422          | 10,844.05<br>55         |
| 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       | 0.1280        | 0.0892         | 1.4456        | 3.9600e-<br>003 | 0.1362        | 2.6900e-<br>003 | 0.1388        | 0.0423         | 2.4800e-<br>003 | 0.0447        |          | 400.0302                | 400.0302                | 0.0101        | 9.2300e-<br>003 | 403.0334                |
| <b>Total</b> | <b>0.3960</b> | <b>20.0708</b> | <b>5.9484</b> | <b>0.0980</b>   | <b>1.2737</b> | <b>0.1372</b>   | <b>1.4110</b> | <b>0.4039</b>  | <b>0.1312</b>   | <b>0.5351</b> |          | <b>10,740.31<br/>52</b> | <b>10,740.31<br/>52</b> | <b>0.5860</b> | <b>1.6514</b>   | <b>11,247.08<br/>89</b> |

1050 La Cienega Blvd - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 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 |               |                |                |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2929        | 12.0534        | 13.4045        | 0.0308        |               | 0.5258        | 0.5258        |                | 0.4957        | 0.4957        |          | 2,952.8718        | 2,952.8718        | 0.7709        |     | 2,972.1450        |
| <b>Total</b>  | <b>1.2929</b> | <b>12.0534</b> | <b>13.4045</b> | <b>0.0308</b> | <b>0.0000</b> | <b>0.5258</b> | <b>0.5258</b> | <b>0.0000</b>  | <b>0.4957</b> | <b>0.4957</b> |          | <b>2,952.8718</b> | <b>2,952.8718</b> | <b>0.7709</b> |     | <b>2,972.1450</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       | 0.1600        | 0.1116        | 1.8070        | 4.9500e-003        | 0.5589        | 3.3600e-003        | 0.5622        | 0.1482         | 3.0900e-003        | 0.1513        |          | 500.0377        | 500.0377        | 0.0126        | 0.0115        | 503.7917        |
| <b>Total</b> | <b>0.1600</b> | <b>0.1116</b> | <b>1.8070</b> | <b>4.9500e-003</b> | <b>0.5589</b> | <b>3.3600e-003</b> | <b>0.5622</b> | <b>0.1482</b>  | <b>3.0900e-003</b> | <b>0.1513</b> |          | <b>500.0377</b> | <b>500.0377</b> | <b>0.0126</b> | <b>0.0115</b> | <b>503.7917</b> |

1050 La Cienega Blvd - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 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 |               |                |                |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2929        | 12.0534        | 13.4045        | 0.0308        |               | 0.5258        | 0.5258        |                | 0.4957        | 0.4957        | 0.0000        | 2,952.8718        | 2,952.8718        | 0.7709        |     | 2,972.1450        |
| <b>Total</b>  | <b>1.2929</b> | <b>12.0534</b> | <b>13.4045</b> | <b>0.0308</b> | <b>0.0000</b> | <b>0.5258</b> | <b>0.5258</b> | <b>0.0000</b>  | <b>0.4957</b> | <b>0.4957</b> | <b>0.0000</b> | <b>2,952.8718</b> | <b>2,952.8718</b> | <b>0.7709</b> |     | <b>2,972.1450</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       | 0.1600        | 0.1116        | 1.8070        | 4.9500e-003        | 0.1702        | 3.3600e-003        | 0.1735        | 0.0528         | 3.0900e-003        | 0.0559        |          | 500.0377        | 500.0377        | 0.0126        | 0.0115        | 503.7917        |
| <b>Total</b> | <b>0.1600</b> | <b>0.1116</b> | <b>1.8070</b> | <b>4.9500e-003</b> | <b>0.1702</b> | <b>3.3600e-003</b> | <b>0.1735</b> | <b>0.0528</b>  | <b>3.0900e-003</b> | <b>0.0559</b> |          | <b>500.0377</b> | <b>500.0377</b> | <b>0.0126</b> | <b>0.0115</b> | <b>503.7917</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.7090        | 13.8182        | 14.9994        | 0.0263        |               | 0.5973        | 0.5973        |                | 0.5730        | 0.5730        |          | 2,415.569<br>9         | 2,415.569<br>9         | 0.4738        |     | 2,427.413<br>6         |
| <b>Total</b> | <b>1.7090</b> | <b>13.8182</b> | <b>14.9994</b> | <b>0.0263</b> |               | <b>0.5973</b> | <b>0.5973</b> |                | <b>0.5730</b> | <b>0.5730</b> |          | <b>2,415.569<br/>9</b> | <b>2,415.569<br/>9</b> | <b>0.4738</b> |     | <b>2,427.413<br/>6</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       | 0.0760        | 2.5333        | 0.9814         | 0.0123        | 0.4228        | 0.0127        | 0.4355        | 0.1217         | 0.0122        | 0.1339        |          | 1,321.864<br>3         | 1,321.864<br>3         | 0.0443        | 0.1901        | 1,379.605<br>3         |
| Worker       | 0.9601        | 0.6693        | 10.8420        | 0.0297        | 3.3533        | 0.0202        | 3.3735        | 0.8893         | 0.0186        | 0.9079        |          | 3,000.226<br>1         | 3,000.226<br>1         | 0.0757        | 0.0692        | 3,022.750<br>3         |
| <b>Total</b> | <b>1.0361</b> | <b>3.2026</b> | <b>11.8234</b> | <b>0.0420</b> | <b>3.7761</b> | <b>0.0329</b> | <b>3.8090</b> | <b>1.0110</b>  | <b>0.0308</b> | <b>1.0418</b> |          | <b>4,322.090<br/>5</b> | <b>4,322.090<br/>5</b> | <b>0.1200</b> | <b>0.2593</b> | <b>4,402.355<br/>7</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.7090        | 13.8182        | 14.9994        | 0.0263        |               | 0.5973        | 0.5973        |                | 0.5730        | 0.5730        | 0.0000        | 2,415.569<br>9         | 2,415.569<br>9         | 0.4738        |     | 2,427.413<br>6         |
| <b>Total</b> | <b>1.7090</b> | <b>13.8182</b> | <b>14.9994</b> | <b>0.0263</b> |               | <b>0.5973</b> | <b>0.5973</b> |                | <b>0.5730</b> | <b>0.5730</b> | <b>0.0000</b> | <b>2,415.569<br/>9</b> | <b>2,415.569<br/>9</b> | <b>0.4738</b> |     | <b>2,427.413<br/>6</b> |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O           | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|---------------|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |               |                        |
| Hauling      | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        | 0.0000        | 0.0000                 |
| Vendor       | 0.0760        | 2.5333        | 0.9814         | 0.0123        | 0.1819        | 0.0127        | 0.1947        | 0.0626         | 0.0122        | 0.0748        |          | 1,321.864<br>3         | 1,321.864<br>3         | 0.0443        | 0.1901        | 1,379.605<br>3         |
| Worker       | 0.9601        | 0.6693        | 10.8420        | 0.0297        | 1.0211        | 0.0202        | 1.0413        | 0.3169         | 0.0186        | 0.3354        |          | 3,000.226<br>1         | 3,000.226<br>1         | 0.0757        | 0.0692        | 3,022.750<br>3         |
| <b>Total</b> | <b>1.0361</b> | <b>3.2026</b> | <b>11.8234</b> | <b>0.0420</b> | <b>1.2030</b> | <b>0.0329</b> | <b>1.2359</b> | <b>0.3795</b>  | <b>0.0308</b> | <b>0.4102</b> |          | <b>4,322.090<br/>5</b> | <b>4,322.090<br/>5</b> | <b>0.1200</b> | <b>0.2593</b> | <b>4,402.355<br/>7</b> |

1050 La Cienega Blvd - Los Angeles-South Coast 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     | 1.5969        | 13.0461        | 14.8910        | 0.0263        |               | 0.5255        | 0.5255        |                | 0.5037        | 0.5037        |          | 2,415.748<br>3         | 2,415.748<br>3         | 0.4672        |     | 2,427.429<br>1         |
| <b>Total</b> | <b>1.5969</b> | <b>13.0461</b> | <b>14.8910</b> | <b>0.0263</b> |               | <b>0.5255</b> | <b>0.5255</b> |                | <b>0.5037</b> | <b>0.5037</b> |          | <b>2,415.748<br/>3</b> | <b>2,415.748<br/>3</b> | <b>0.4672</b> |     | <b>2,427.429<br/>1</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       | 0.0737        | 2.5385        | 0.9605         | 0.0121        | 0.4228        | 0.0128        | 0.4356        | 0.1217         | 0.0123        | 0.1340        |          | 1,302.012<br>4         | 1,302.012<br>4         | 0.0445        | 0.1874        | 1,358.966<br>4         |
| Worker       | 0.8945        | 0.5974        | 10.0747        | 0.0288        | 3.3533        | 0.0193        | 3.3726        | 0.8893         | 0.0178        | 0.9071        |          | 2,915.190<br>3         | 2,915.190<br>3         | 0.0685        | 0.0644        | 2,936.089<br>4         |
| <b>Total</b> | <b>0.9681</b> | <b>3.1358</b> | <b>11.0353</b> | <b>0.0409</b> | <b>3.7761</b> | <b>0.0321</b> | <b>3.8082</b> | <b>1.0110</b>  | <b>0.0300</b> | <b>1.0411</b> |          | <b>4,217.202<br/>7</b> | <b>4,217.202<br/>7</b> | <b>0.1129</b> | <b>0.2518</b> | <b>4,295.055<br/>8</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.5969        | 13.0461        | 14.8910        | 0.0263        |               | 0.5255        | 0.5255        |                | 0.5037        | 0.5037        | 0.0000        | 2,415.748<br>3         | 2,415.748<br>3         | 0.4672        |     | 2,427.429<br>1         |
| <b>Total</b> | <b>1.5969</b> | <b>13.0461</b> | <b>14.8910</b> | <b>0.0263</b> |               | <b>0.5255</b> | <b>0.5255</b> |                | <b>0.5037</b> | <b>0.5037</b> | <b>0.0000</b> | <b>2,415.748<br/>3</b> | <b>2,415.748<br/>3</b> | <b>0.4672</b> |     | <b>2,427.429<br/>1</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       | 0.0737        | 2.5385        | 0.9605         | 0.0121        | 0.1819        | 0.0128        | 0.1948        | 0.0626         | 0.0123        | 0.0749        |          | 1,302.012<br>4         | 1,302.012<br>4         | 0.0445        | 0.1874        | 1,358.966<br>4         |
| Worker       | 0.8945        | 0.5974        | 10.0747        | 0.0288        | 1.0211        | 0.0193        | 1.0404        | 0.3169         | 0.0178        | 0.3346        |          | 2,915.190<br>3         | 2,915.190<br>3         | 0.0685        | 0.0644        | 2,936.089<br>4         |
| <b>Total</b> | <b>0.9681</b> | <b>3.1358</b> | <b>11.0353</b> | <b>0.0409</b> | <b>1.2030</b> | <b>0.0321</b> | <b>1.2352</b> | <b>0.3795</b>  | <b>0.0300</b> | <b>0.4095</b> |          | <b>4,217.202<br/>7</b> | <b>4,217.202<br/>7</b> | <b>0.1129</b> | <b>0.2518</b> | <b>4,295.055<br/>8</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.4914        | 12.2605        | 14.7990        | 0.0263        |               | 0.4595        | 0.4595        |                | 0.4402        | 0.4402        |          | 2,416.056<br>3         | 2,416.056<br>3         | 0.4608        |     | 2,427.575<br>2         |
| <b>Total</b> | <b>1.4914</b> | <b>12.2605</b> | <b>14.7990</b> | <b>0.0263</b> |               | <b>0.4595</b> | <b>0.4595</b> |                | <b>0.4402</b> | <b>0.4402</b> |          | <b>2,416.056<br/>3</b> | <b>2,416.056<br/>3</b> | <b>0.4608</b> |     | <b>2,427.575<br/>2</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       | 0.0716        | 2.5264        | 0.9429         | 0.0119        | 0.4228        | 0.0129        | 0.4356        | 0.1217         | 0.0123        | 0.1340        |          | 1,278.571<br>1         | 1,278.571<br>1         | 0.0448        | 0.1842        | 1,334.566<br>5         |
| Worker       | 0.8361        | 0.5365        | 9.3699         | 0.0279        | 3.3533        | 0.0184        | 3.3717        | 0.8893         | 0.0169        | 0.9062        |          | 2,815.882<br>2         | 2,815.882<br>2         | 0.0617        | 0.0601        | 2,835.346<br>8         |
| <b>Total</b> | <b>0.9077</b> | <b>3.0629</b> | <b>10.3128</b> | <b>0.0397</b> | <b>3.7761</b> | <b>0.0312</b> | <b>3.8073</b> | <b>1.0110</b>  | <b>0.0292</b> | <b>1.0403</b> |          | <b>4,094.453<br/>2</b> | <b>4,094.453<br/>2</b> | <b>0.1065</b> | <b>0.2443</b> | <b>4,169.913<br/>3</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.4914        | 12.2605        | 14.7990        | 0.0263        |               | 0.4595        | 0.4595        |                | 0.4402        | 0.4402        | 0.0000        | 2,416.056<br>3         | 2,416.056<br>3         | 0.4608        |     | 2,427.575<br>2         |
| <b>Total</b> | <b>1.4914</b> | <b>12.2605</b> | <b>14.7990</b> | <b>0.0263</b> |               | <b>0.4595</b> | <b>0.4595</b> |                | <b>0.4402</b> | <b>0.4402</b> | <b>0.0000</b> | <b>2,416.056<br/>3</b> | <b>2,416.056<br/>3</b> | <b>0.4608</b> |     | <b>2,427.575<br/>2</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       | 0.0716        | 2.5264        | 0.9429         | 0.0119        | 0.1819        | 0.0129        | 0.1948        | 0.0626         | 0.0123        | 0.0749        |          | 1,278.571<br>1         | 1,278.571<br>1         | 0.0448        | 0.1842        | 1,334.566<br>5         |
| Worker       | 0.8361        | 0.5365        | 9.3699         | 0.0279        | 1.0211        | 0.0184        | 1.0395        | 0.3169         | 0.0169        | 0.3338        |          | 2,815.882<br>2         | 2,815.882<br>2         | 0.0617        | 0.0601        | 2,835.346<br>8         |
| <b>Total</b> | <b>0.9077</b> | <b>3.0629</b> | <b>10.3128</b> | <b>0.0397</b> | <b>1.2030</b> | <b>0.0312</b> | <b>1.2343</b> | <b>0.3795</b>  | <b>0.0292</b> | <b>0.4087</b> |          | <b>4,094.453<br/>2</b> | <b>4,094.453<br/>2</b> | <b>0.1065</b> | <b>0.2443</b> | <b>4,169.913<br/>3</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 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 | 15.5534        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2278         | 1.5273        | 2.4122        | 3.9600e-003        |               | 0.0687        | 0.0687        |                | 0.0687        | 0.0687        |          | 375.2641        | 375.2641        | 0.0205        |     | 375.7758        |
| <b>Total</b>    | <b>15.7813</b> | <b>1.5273</b> | <b>2.4122</b> | <b>3.9600e-003</b> |               | <b>0.0687</b> | <b>0.0687</b> |                | <b>0.0687</b> | <b>0.0687</b> |          | <b>375.2641</b> | <b>375.2641</b> | <b>0.0205</b> |     | <b>375.7758</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       | 0.6968        | 0.4471        | 7.8082        | 0.0232        | 2.7944        | 0.0153        | 2.8097        | 0.7411         | 0.0141        | 0.7552        |          | 2,346.5685        | 2,346.5685        | 0.0514        | 0.0501        | 2,362.7890        |
| <b>Total</b> | <b>0.6968</b> | <b>0.4471</b> | <b>7.8082</b> | <b>0.0232</b> | <b>2.7944</b> | <b>0.0153</b> | <b>2.8097</b> | <b>0.7411</b>  | <b>0.0141</b> | <b>0.7552</b> |          | <b>2,346.5685</b> | <b>2,346.5685</b> | <b>0.0514</b> | <b>0.0501</b> | <b>2,362.7890</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 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 | 15.5534        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2278         | 1.5273        | 2.4122        | 3.9600e-003        |               | 0.0687        | 0.0687        |                | 0.0687        | 0.0687        | 0.0000        | 375.2641        | 375.2641        | 0.0205        |     | 375.7758        |
| <b>Total</b>    | <b>15.7813</b> | <b>1.5273</b> | <b>2.4122</b> | <b>3.9600e-003</b> |               | <b>0.0687</b> | <b>0.0687</b> |                | <b>0.0687</b> | <b>0.0687</b> | <b>0.0000</b> | <b>375.2641</b> | <b>375.2641</b> | <b>0.0205</b> |     | <b>375.7758</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       | 0.6968        | 0.4471        | 7.8082        | 0.0232        | 0.8509        | 0.0153        | 0.8662        | 0.2641         | 0.0141        | 0.2782        |          | 2,346.5685        | 2,346.5685        | 0.0514        | 0.0501        | 2,362.7890        |
| <b>Total</b> | <b>0.6968</b> | <b>0.4471</b> | <b>7.8082</b> | <b>0.0232</b> | <b>0.8509</b> | <b>0.0153</b> | <b>0.8662</b> | <b>0.2641</b>  | <b>0.0141</b> | <b>0.2782</b> |          | <b>2,346.5685</b> | <b>2,346.5685</b> | <b>0.0514</b> | <b>0.0501</b> | <b>2,362.7890</b> |

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**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   | 5.9488 | 5.4351 | 54.1796 | 0.1169 | 12.5217       | 0.0843       | 12.6060    | 3.3356         | 0.0783        | 3.4139      |          | 11,918.10<br>84 | 11,918.10<br>84 | 0.8320 | 0.5056 | 12,089.56<br>76 |
| Unmitigated | 5.9488 | 5.4351 | 54.1796 | 0.1169 | 12.5217       | 0.0843       | 12.6060    | 3.3356         | 0.0783        | 3.4139      |          | 11,918.10<br>84 | 11,918.10<br>84 | 0.8320 | 0.5056 | 12,089.56<br>76 |

**4.2 Trip Summary Information**

|                                     | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
| Land Use                            | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments High Rise                | 1,290.50                | 1,313.70 | 1041.10  | 4,299,412   | 4,299,412  |
| High Turnover (Sit Down Restaurant) | 841.35                  | 918.00   | 1069.80  | 1,206,017   | 1,206,017  |
| Unenclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00     |             |            |
| Total                               | 2,131.85                | 2,231.70 | 2,110.90 | 5,505,429   | 5,505,429  |

**4.3 Trip Type Information**

|                          | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                 | 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 High Rise     | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| High Turnover (Sit Down) | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Unenclosed Parking with  | 16.60      | 8.40       | 6.90        | 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 Not Applied****4.4 Fleet Mix**

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments High Rise                | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
| High Turnover (Sit Down Restaurant) | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
| Unenclosed Parking with Elevator    | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |

**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   | 0.1283 | 1.1238 | 0.6705 | 7.0000e-003 |               | 0.0886       | 0.0886     |                | 0.0886        | 0.0886      |          | 1,399.0675 | 1,399.0675 | 0.0268 | 0.0257 | 1,407.3815 |
| NaturalGas Unmitigated | 0.1283 | 1.1238 | 0.6705 | 7.0000e-003 |               | 0.0886       | 0.0886     |                | 0.0886        | 0.0886      |          | 1,399.0675 | 1,399.0675 | 0.0268 | 0.0257 | 1,407.3815 |

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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        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments High Rise                | 7159.27        | 0.0772        | 0.6598        | 0.2808        | 4.2100e-003        |               | 0.0533        | 0.0533        |                | 0.0533        | 0.0533        |          | 842.2666          | 842.2666          | 0.0161        | 0.0154        | 847.2717          |
| High Turnover (Sit Down Restaurant) | 4732.81        | 0.0510        | 0.4640        | 0.3898        | 2.7800e-003        |               | 0.0353        | 0.0353        |                | 0.0353        | 0.0353        |          | 556.8010          | 556.8010          | 0.0107        | 0.0102        | 560.1098          |
| 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>0.1283</b> | <b>1.1238</b> | <b>0.6705</b> | <b>6.9900e-003</b> |               | <b>0.0886</b> | <b>0.0886</b> |                | <b>0.0886</b> | <b>0.0886</b> |          | <b>1,399.0675</b> | <b>1,399.0675</b> | <b>0.0268</b> | <b>0.0257</b> | <b>1,407.3815</b> |

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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****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 High Rise                | 7.15927        | 0.0772        | 0.6598        | 0.2808        | 4.2100e-003        |               | 0.0533        | 0.0533        |                | 0.0533        | 0.0533        |          | 842.2666          | 842.2666          | 0.0161        | 0.0154        | 847.2717          |
| High Turnover (Sit Down Restaurant) | 4.73281        | 0.0510        | 0.4640        | 0.3898        | 2.7800e-003        |               | 0.0353        | 0.0353        |                | 0.0353        | 0.0353        |          | 556.8010          | 556.8010          | 0.0107        | 0.0102        | 560.1098          |
| 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>0.1283</b> | <b>1.1238</b> | <b>0.6705</b> | <b>6.9900e-003</b> |               | <b>0.0886</b> | <b>0.0886</b> |                | <b>0.0886</b> | <b>0.0886</b> |          | <b>1,399.0675</b> | <b>1,399.0675</b> | <b>0.0268</b> | <b>0.0257</b> | <b>1,407.3815</b> |

**6.0 Area Detail****6.1 Mitigation Measures Area**

1050 La Cienega Blvd - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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   | 9.7932 | 0.2758 | 23.9490 | 1.2700e-003 |               | 0.1328       | 0.1328     |                | 0.1328        | 0.1328      | 0.0000   | 43.1796   | 43.1796   | 0.0415 | 0.0000 | 44.2175 |
| Unmitigated | 9.7932 | 0.2758 | 23.9490 | 1.2700e-003 |               | 0.1328       | 0.1328     |                | 0.1328        | 0.1328      | 0.0000   | 43.1796   | 43.1796   | 0.0415 | 0.0000 | 44.2175 |

**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 | 0.7372        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Consumer Products     | 8.3341        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Hearth                | 0.0000        | 0.0000        | 0.0000         | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Landscaping           | 0.7219        | 0.2758        | 23.9490        | 1.2700e-003        |               | 0.1328        | 0.1328        |                | 0.1328        | 0.1328        |               | 43.1796        | 43.1796        | 0.0415        |               | 44.2175        |
| <b>Total</b>          | <b>9.7932</b> | <b>0.2758</b> | <b>23.9490</b> | <b>1.2700e-003</b> |               | <b>0.1328</b> | <b>0.1328</b> |                | <b>0.1328</b> | <b>0.1328</b> | <b>0.0000</b> | <b>43.1796</b> | <b>43.1796</b> | <b>0.0415</b> | <b>0.0000</b> | <b>44.2175</b> |

1050 La Cienega Blvd - Los Angeles-South Coast 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 | 0.7372        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Consumer Products     | 8.3341        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Hearth                | 0.0000        | 0.0000        | 0.0000         | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Landscaping           | 0.7219        | 0.2758        | 23.9490        | 1.2700e-003        |               | 0.1328        | 0.1328        |                | 0.1328        | 0.1328        |               | 43.1796        | 43.1796        | 0.0415        |               | 44.2175        |
| <b>Total</b>          | <b>9.7932</b> | <b>0.2758</b> | <b>23.9490</b> | <b>1.2700e-003</b> |               | <b>0.1328</b> | <b>0.1328</b> |                | <b>0.1328</b> | <b>0.1328</b> | <b>0.0000</b> | <b>43.1796</b> | <b>43.1796</b> | <b>0.0415</b> | <b>0.0000</b> | <b>44.2175</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

1050 La Cienega Blvd - Los Angeles-South Coast 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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**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 |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****1050 La Cienega Blvd  
Los Angeles-South Coast County, Winter****1.0 Project Characteristics****1.1 Land Usage**

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| Apartments High Rise                | 290.00 | Dwelling Unit | 1.83        | 409,710.00         | 679        |
| High Turnover (Sit Down Restaurant) | 7.50   | 1000sqft      | 0.00        | 7,500.00           | 0          |
| Unenclosed Parking with Elevator    | 447.00 | Space         | 0.00        | 206,980.00         | 0          |

**1.2 Other Project Characteristics**

|                                |                                         |                                |       |                                  |       |
|--------------------------------|-----------------------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                                   | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                                      |                                |       | <b>Operational Year</b>          | 2025  |
| <b>Utility Company</b>         | Los Angeles Department of Water & Power |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 691.98                                  | <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 - Residential sqft equivalent to gross residential area and open space.

Construction Phase - Applicant info. Approximate 32-month construction schedule.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Grading - Applicant info.

Trips and VMT - Separate CalEEMod analysis provided for "maximum haul day scenario" assuming 250 one-way haul truck trips per day.

Woodstoves - No hearths.

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

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

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

Vehicle Trips -

| Table Name             | Column Name                    | Default Value | New Value  |
|------------------------|--------------------------------|---------------|------------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80         |
| tblConstructionPhase   | NumDays                        | 4.00          | 85.00      |
| tblConstructionPhase   | NumDays                        | 4.00          | 45.00      |
| tblConstructionPhase   | NumDays                        | 200.00        | 500.00     |
| tblConstructionPhase   | NumDays                        | 10.00         | 173.00     |
| tblConstructionPhase   | PhaseEndDate                   | 2/6/2023      | 4/28/2023  |
| tblConstructionPhase   | PhaseStartDate                 | 2/1/2023      | 1/2/2023   |
| tblFireplaces          | FireplaceDayYear               | 25.00         | 0.00       |
| tblFireplaces          | FireplaceHourDay               | 3.00          | 0.00       |
| tblFireplaces          | FireplaceWoodMass              | 1,019.20      | 0.00       |
| tblFireplaces          | NumberGas                      | 246.50        | 0.00       |
| tblFireplaces          | NumberNoFireplace              | 29.00         | 0.00       |
| tblFireplaces          | NumberWood                     | 14.50         | 0.00       |
| tblGrading             | AcresOfGrading                 | 42.50         | 1.83       |
| tblGrading             | MaterialExported               | 0.00          | 48,931.00  |
| tblLandUse             | LandUseSquareFeet              | 290,000.00    | 409,710.00 |
| tblLandUse             | LandUseSquareFeet              | 178,800.00    | 206,980.00 |
| tblLandUse             | LotAcreage                     | 4.68          | 1.83       |
| tblLandUse             | LotAcreage                     | 0.17          | 0.00       |
| tblLandUse             | LotAcreage                     | 4.02          | 0.00       |
| tblLandUse             | Population                     | 829.00        | 679.00     |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.50          | 0.50       |
| tblOffRoadEquipment    | LoadFactor                     | 0.29          | 0.29       |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

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

|                     |                            |          |                          |
|---------------------|----------------------------|----------|--------------------------|
| tblOffRoadEquipment | LoadFactor                 | 0.38     | 0.38                     |
| tblOffRoadEquipment | LoadFactor                 | 0.31     | 0.31                     |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Rollers                  |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Bore/Drill Rigs          |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cement and Mortar Mixers |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cranes                   |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Pumps                    |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Aerial Lifts             |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00     | 1.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 7.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblTripsAndVMT      | HaulingTripLength          | 20.00    | 40.00                    |
| tblTripsAndVMT      | HaulingTripNumber          | 6,116.00 | 6,990.00                 |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 50.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 40.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 299.00   | 300.00                   |
| tblTripsAndVMT      | WorkerTripNumber           | 60.00    | 250.00                   |
| tblWoodstoves       | NumberCatalytic            | 14.50    | 0.00                     |
| tblWoodstoves       | NumberNoncatalytic         | 14.50    | 0.00                     |
| tblWoodstoves       | WoodstoveDayYear           | 25.00    | 0.00                     |
| tblWoodstoves       | WoodstoveWoodMass          | 999.60   | 0.00                     |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

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

## **2.0 Emissions Summary**

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1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**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    | 2.8139  | 35.4314 | 25.9772 | 0.1248 | 9.4343        | 0.8308       | 10.2651    | 4.2298         | 0.7693        | 4.9991      | 0.0000   | 13,335.66<br>21 | 13,335.66<br>21 | 1.4299 | 1.6530 | 13,864.00<br>09 |
| 2024    | 2.6320  | 16.3636 | 25.1506 | 0.0658 | 3.7761        | 0.5577       | 4.3337     | 1.0110         | 0.5338        | 1.5448      | 0.0000   | 6,481.771<br>7  | 6,481.771<br>7  | 0.5810 | 0.2566 | 6,572.773<br>2  |
| 2025    | 18.9994 | 17.5191 | 33.9998 | 0.0906 | 6.5705        | 0.5748       | 7.1453     | 1.7521         | 0.5522        | 2.3044      | 0.0000   | 8,963.494<br>8  | 8,963.494<br>8  | 0.6408 | 0.3023 | 9,069.606<br>5  |
| Maximum | 18.9994 | 35.4314 | 33.9998 | 0.1248 | 9.4343        | 0.8308       | 10.2651    | 4.2298         | 0.7693        | 4.9991      | 0.0000   | 13,335.66<br>21 | 13,335.66<br>21 | 1.4299 | 1.6530 | 13,864.00<br>09 |

**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    | 2.8139  | 35.4314 | 25.9772 | 0.1248 | 3.6567        | 0.8308       | 4.4875     | 1.6997         | 0.7693        | 2.4690      | 0.0000   | 13,335.66<br>21 | 13,335.66<br>21 | 1.4299 | 1.6530 | 13,864.00<br>09 |
| 2024    | 2.6320  | 16.3636 | 25.1506 | 0.0658 | 1.2030        | 0.5577       | 1.7607     | 0.3795         | 0.5338        | 0.9133      | 0.0000   | 6,481.771<br>7  | 6,481.771<br>7  | 0.5810 | 0.2566 | 6,572.773<br>2  |
| 2025    | 18.9994 | 17.5191 | 33.9998 | 0.0906 | 2.0539        | 0.5748       | 2.6287     | 0.6435         | 0.5522        | 1.1958      | 0.0000   | 8,963.494<br>8  | 8,963.494<br>8  | 0.6408 | 0.3023 | 9,069.606<br>5  |
| Maximum | 18.9994 | 35.4314 | 33.9998 | 0.1248 | 3.6567        | 0.8308       | 4.4875     | 1.6997         | 0.7693        | 2.4690      | 0.0000   | 13,335.66<br>21 | 13,335.66<br>21 | 1.4299 | 1.6530 | 13,864.00<br>09 |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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 | 65.05         | 0.00         | 59.18      | 61.06          | 0.00          | 48.26       | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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         | 9.7932         | 0.2758        | 23.9490        | 1.2700e-003   |                | 0.1328        | 0.1328         |                | 0.1328        | 0.1328        | 0.0000        | 43.1796            | 43.1796            | 0.0415        | 0.0000        | 44.2175            |
| Energy       | 0.1283         | 1.1238        | 0.6705         | 7.0000e-003   |                | 0.0886        | 0.0886         |                | 0.0886        | 0.0886        |               | 1,399.0675         | 1,399.0675         | 0.0268        | 0.0257        | 1,407.3815         |
| Mobile       | 5.8151         | 5.8668        | 53.6662        | 0.1120        | 12.5217        | 0.0844        | 12.6061        | 3.3356         | 0.0784        | 3.4139        |               | 11,422.2717        | 11,422.2717        | 0.8612        | 0.5280        | 11,601.1464        |
| <b>Total</b> | <b>15.7365</b> | <b>7.2663</b> | <b>78.2857</b> | <b>0.1202</b> | <b>12.5217</b> | <b>0.3058</b> | <b>12.8275</b> | <b>3.3356</b>  | <b>0.2998</b> | <b>3.6353</b> | <b>0.0000</b> | <b>12,864.5188</b> | <b>12,864.5188</b> | <b>0.9295</b> | <b>0.5537</b> | <b>13,052.7454</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         | 9.7932         | 0.2758        | 23.9490        | 1.2700e-003   |                | 0.1328        | 0.1328         |                | 0.1328        | 0.1328        | 0.0000        | 43.1796            | 43.1796            | 0.0415        | 0.0000        | 44.2175            |
| Energy       | 0.1283         | 1.1238        | 0.6705         | 7.0000e-003   |                | 0.0886        | 0.0886         |                | 0.0886        | 0.0886        |               | 1,399.0675         | 1,399.0675         | 0.0268        | 0.0257        | 1,407.3815         |
| Mobile       | 5.8151         | 5.8668        | 53.6662        | 0.1120        | 12.5217        | 0.0844        | 12.6061        | 3.3356         | 0.0784        | 3.4139        |               | 11,422.2717        | 11,422.2717        | 0.8612        | 0.5280        | 11,601.1464        |
| <b>Total</b> | <b>15.7365</b> | <b>7.2663</b> | <b>78.2857</b> | <b>0.1202</b> | <b>12.5217</b> | <b>0.3058</b> | <b>12.8275</b> | <b>3.3356</b>  | <b>0.2998</b> | <b>3.6353</b> | <b>0.0000</b> | <b>12,864.5188</b> | <b>12,864.5188</b> | <b>0.9295</b> | <b>0.5537</b> | <b>13,052.7454</b> |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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            | Excavation            | Grading               | 1/2/2023   | 4/28/2023 | 5             | 85       |                   |
| 2            | Piles                 | Grading               | 5/1/2023   | 6/30/2023 | 5             | 45       |                   |
| 3            | Building Construction | Building Construction | 7/3/2023   | 5/30/2025 | 5             | 500      |                   |
| 4            | Architectural Coating | Architectural Coating | 1/1/2025   | 8/29/2025 | 5             | 173      |                   |

**Acres of Grading (Site Preparation Phase): 0****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 0****Residential Indoor: 829,663; Residential Outdoor: 276,554; Non-Residential Indoor: 11,250; Non-Residential Outdoor: 3,750; Striped Parking Area: 12,419 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name            | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors        | 1      | 8.00        | 78          | 0.48        |
| Piles                 | Graders                | 0      | 8.00        | 187         | 0.41        |
| Piles                 | Rubber Tired Dozers    | 0      | 8.00        | 247         | 0.40        |
| Building Construction | Cranes                 | 1      | 8.00        | 231         | 0.29        |
| Building Construction | Forklifts              | 1      | 8.00        | 89          | 0.20        |
| Building Construction | Generator Sets         | 1      | 8.00        | 84          | 0.74        |
| Excavation            | Graders                | 0      | 8.00        | 187         | 0.41        |

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

|                       |                           |   |      |     |      |
|-----------------------|---------------------------|---|------|-----|------|
| Piles                 | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Excavation            | Excavators                | 2 | 8.00 | 158 | 0.38 |
| Excavation            | Rollers                   | 1 | 8.00 | 80  | 0.38 |
| Piles                 | Bore/Drill Rigs           | 1 | 8.00 | 221 | 0.50 |
| Piles                 | Cement and Mortar Mixers  | 1 | 8.00 | 9   | 0.56 |
| Excavation            | Rubber Tired Dozers       | 1 | 8.00 | 247 | 0.40 |
| Piles                 | Cranes                    | 1 | 8.00 | 231 | 0.29 |
| Building Construction | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Piles                 | Excavators                | 1 | 8.00 | 158 | 0.38 |
| Excavation            | Tractors/Loaders/Backhoes | 2 | 7.00 | 97  | 0.37 |
| Piles                 | Pumps                     | 1 | 8.00 | 84  | 0.74 |
| Building Construction | Aerial Lifts              | 1 | 8.00 | 63  | 0.31 |
| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Piles                 | 6                       | 50.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Excavation            | 6                       | 40.00              | 0.00               | 6,990.00            | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 8                       | 300.00             | 66.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 250.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Water Exposed Area

Clean Paved Roads

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Excavation - 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 |               |                |                |               | 6.1100        | 0.0000        | 6.1100        | 3.3226         | 0.0000        | 3.3226        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.4806        | 14.5171        | 15.3881        | 0.0270        |               | 0.6934        | 0.6934        |                | 0.6380        | 0.6380        |          | 2,610.8698        | 2,610.8698        | 0.8444        |     | 2,631.9800        |
| <b>Total</b>  | <b>1.4806</b> | <b>14.5171</b> | <b>15.3881</b> | <b>0.0270</b> | <b>6.1100</b> | <b>0.6934</b> | <b>6.8035</b> | <b>3.3226</b>  | <b>0.6380</b> | <b>3.9605</b> |          | <b>2,610.8698</b> | <b>2,610.8698</b> | <b>0.8444</b> |     | <b>2,631.9800</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      | 0.2565        | 20.8158        | 4.5393        | 0.0941        | 2.8772        | 0.1347        | 3.0119        | 0.7887         | 0.1289        | 0.9176        |          | 10,345.8509        | 10,345.8509        | 0.5753        | 1.6431        | 10,849.8853        |
| 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       | 0.1375        | 0.0986         | 1.3287        | 3.7500e-003   | 0.4471        | 2.6900e-003   | 0.4498        | 0.1186         | 2.4800e-003   | 0.1211        |          | 378.9414           | 378.9414           | 0.0102        | 9.8600e-003   | 382.1356           |
| <b>Total</b> | <b>0.3941</b> | <b>20.9143</b> | <b>5.8680</b> | <b>0.0979</b> | <b>3.3243</b> | <b>0.1374</b> | <b>3.4617</b> | <b>0.9073</b>  | <b>0.1314</b> | <b>1.0386</b> |          | <b>10,724.7923</b> | <b>10,724.7923</b> | <b>0.5855</b> | <b>1.6530</b> | <b>11,232.0209</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Excavation - 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 |               |                |                |               | 2.3829        | 0.0000        | 2.3829        | 1.2958         | 0.0000        | 1.2958        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 1.4806        | 14.5171        | 15.3881        | 0.0270        |               | 0.6934        | 0.6934        |                | 0.6380        | 0.6380        | 0.0000        | 2,610.869<br>8         | 2,610.869<br>8         | 0.8444        |     | 2,631.980<br>0         |
| <b>Total</b>  | <b>1.4806</b> | <b>14.5171</b> | <b>15.3881</b> | <b>0.0270</b> | <b>2.3829</b> | <b>0.6934</b> | <b>3.0763</b> | <b>1.2958</b>  | <b>0.6380</b> | <b>1.9337</b> | <b>0.0000</b> | <b>2,610.869<br/>8</b> | <b>2,610.869<br/>8</b> | <b>0.8444</b> |     | <b>2,631.980<br/>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      | 0.2565        | 20.8158        | 4.5393        | 0.0941          | 1.1376        | 0.1347          | 1.2723        | 0.3617         | 0.1289          | 0.4906        |          | 10,345.85<br>09         | 10,345.85<br>09         | 0.5753        | 1.6431          | 10,849.88<br>53         |
| 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       | 0.1375        | 0.0986         | 1.3287        | 3.7500e-<br>003 | 0.1362        | 2.6900e-<br>003 | 0.1388        | 0.0423         | 2.4800e-<br>003 | 0.0447        |          | 378.9414                | 378.9414                | 0.0102        | 9.8600e-<br>003 | 382.1356                |
| <b>Total</b> | <b>0.3941</b> | <b>20.9143</b> | <b>5.8680</b> | <b>0.0979</b>   | <b>1.2737</b> | <b>0.1374</b>   | <b>1.4111</b> | <b>0.4039</b>  | <b>0.1314</b>   | <b>0.5353</b> |          | <b>10,724.79<br/>23</b> | <b>10,724.79<br/>23</b> | <b>0.5855</b> | <b>1.6530</b>   | <b>11,232.02<br/>09</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 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 |               |                |                |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2929        | 12.0534        | 13.4045        | 0.0308        |               | 0.5258        | 0.5258        |                | 0.4957        | 0.4957        |          | 2,952.8718        | 2,952.8718        | 0.7709        |     | 2,972.1450        |
| <b>Total</b>  | <b>1.2929</b> | <b>12.0534</b> | <b>13.4045</b> | <b>0.0308</b> | <b>0.0000</b> | <b>0.5258</b> | <b>0.5258</b> | <b>0.0000</b>  | <b>0.4957</b> | <b>0.4957</b> |          | <b>2,952.8718</b> | <b>2,952.8718</b> | <b>0.7709</b> |     | <b>2,972.1450</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       | 0.1719        | 0.1232        | 1.6609        | 4.6900e-003        | 0.5589        | 3.3600e-003        | 0.5622        | 0.1482         | 3.0900e-003        | 0.1513        |          | 473.6768        | 473.6768        | 0.0128        | 0.0123        | 477.6695        |
| <b>Total</b> | <b>0.1719</b> | <b>0.1232</b> | <b>1.6609</b> | <b>4.6900e-003</b> | <b>0.5589</b> | <b>3.3600e-003</b> | <b>0.5622</b> | <b>0.1482</b>  | <b>3.0900e-003</b> | <b>0.1513</b> |          | <b>473.6768</b> | <b>473.6768</b> | <b>0.0128</b> | <b>0.0123</b> | <b>477.6695</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 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 |               |                |                |               | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 1.2929        | 12.0534        | 13.4045        | 0.0308        |               | 0.5258        | 0.5258        |                | 0.4957        | 0.4957        | 0.0000        | 2,952.8718        | 2,952.8718        | 0.7709        |     | 2,972.1450        |
| <b>Total</b>  | <b>1.2929</b> | <b>12.0534</b> | <b>13.4045</b> | <b>0.0308</b> | <b>0.0000</b> | <b>0.5258</b> | <b>0.5258</b> | <b>0.0000</b>  | <b>0.4957</b> | <b>0.4957</b> | <b>0.0000</b> | <b>2,952.8718</b> | <b>2,952.8718</b> | <b>0.7709</b> |     | <b>2,972.1450</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       | 0.1719        | 0.1232        | 1.6609        | 4.6900e-003        | 0.1702        | 3.3600e-003        | 0.1735        | 0.0528         | 3.0900e-003        | 0.0559        |          | 473.6768        | 473.6768        | 0.0128        | 0.0123        | 477.6695        |
| <b>Total</b> | <b>0.1719</b> | <b>0.1232</b> | <b>1.6609</b> | <b>4.6900e-003</b> | <b>0.1702</b> | <b>3.3600e-003</b> | <b>0.1735</b> | <b>0.0528</b>  | <b>3.0900e-003</b> | <b>0.0559</b> |          | <b>473.6768</b> | <b>473.6768</b> | <b>0.0128</b> | <b>0.0123</b> | <b>477.6695</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.7090        | 13.8182        | 14.9994        | 0.0263        |               | 0.5973        | 0.5973        |                | 0.5730        | 0.5730        |          | 2,415.569<br>9         | 2,415.569<br>9         | 0.4738        |     | 2,427.413<br>6         |
| <b>Total</b> | <b>1.7090</b> | <b>13.8182</b> | <b>14.9994</b> | <b>0.0263</b> |               | <b>0.5973</b> | <b>0.5973</b> |                | <b>0.5730</b> | <b>0.5730</b> |          | <b>2,415.569<br/>9</b> | <b>2,415.569<br/>9</b> | <b>0.4738</b> |     | <b>2,427.413<br/>6</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       | 0.0734        | 2.6523        | 1.0123         | 0.0123        | 0.4228        | 0.0128        | 0.4356        | 0.1217         | 0.0123        | 0.1340        |          | 1,324.094<br>0         | 1,324.094<br>0         | 0.0441        | 0.1906        | 1,381.981<br>3         |
| Worker       | 1.0315        | 0.7393        | 9.9656         | 0.0281        | 3.3533        | 0.0202        | 3.3735        | 0.8893         | 0.0186        | 0.9079        |          | 2,842.060<br>8         | 2,842.060<br>8         | 0.0767        | 0.0740        | 2,866.017<br>1         |
| <b>Total</b> | <b>1.1049</b> | <b>3.3917</b> | <b>10.9778</b> | <b>0.0404</b> | <b>3.7761</b> | <b>0.0330</b> | <b>3.8090</b> | <b>1.0110</b>  | <b>0.0308</b> | <b>1.0419</b> |          | <b>4,166.154<br/>8</b> | <b>4,166.154<br/>8</b> | <b>0.1208</b> | <b>0.2645</b> | <b>4,247.998<br/>4</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.7090        | 13.8182        | 14.9994        | 0.0263        |               | 0.5973        | 0.5973        |                | 0.5730        | 0.5730        | 0.0000        | 2,415.569<br>9         | 2,415.569<br>9         | 0.4738        |     | 2,427.413<br>6         |
| <b>Total</b> | <b>1.7090</b> | <b>13.8182</b> | <b>14.9994</b> | <b>0.0263</b> |               | <b>0.5973</b> | <b>0.5973</b> |                | <b>0.5730</b> | <b>0.5730</b> | <b>0.0000</b> | <b>2,415.569<br/>9</b> | <b>2,415.569<br/>9</b> | <b>0.4738</b> |     | <b>2,427.413<br/>6</b> |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2              | Total CO2              | CH4           | N2O           | CO2e                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|------------------------|------------------------|---------------|---------------|------------------------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |                        |                        |               |               |                        |
| Hauling      | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          | 0.0000                 | 0.0000                 | 0.0000        | 0.0000        | 0.0000                 |
| Vendor       | 0.0734        | 2.6523        | 1.0123         | 0.0123        | 0.1819        | 0.0128        | 0.1947        | 0.0626         | 0.0123        | 0.0749        |          | 1,324.094<br>0         | 1,324.094<br>0         | 0.0441        | 0.1906        | 1,381.981<br>3         |
| Worker       | 1.0315        | 0.7393        | 9.9656         | 0.0281        | 1.0211        | 0.0202        | 1.0413        | 0.3169         | 0.0186        | 0.3354        |          | 2,842.060<br>8         | 2,842.060<br>8         | 0.0767        | 0.0740        | 2,866.017<br>1         |
| <b>Total</b> | <b>1.1049</b> | <b>3.3917</b> | <b>10.9778</b> | <b>0.0404</b> | <b>1.2030</b> | <b>0.0330</b> | <b>1.2360</b> | <b>0.3795</b>  | <b>0.0308</b> | <b>0.4103</b> |          | <b>4,166.154<br/>8</b> | <b>4,166.154<br/>8</b> | <b>0.1208</b> | <b>0.2645</b> | <b>4,247.998<br/>4</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.5969        | 13.0461        | 14.8910        | 0.0263        |               | 0.5255        | 0.5255        |                | 0.5037        | 0.5037        |          | 2,415.748<br>3         | 2,415.748<br>3         | 0.4672        |     | 2,427.429<br>1         |
| <b>Total</b> | <b>1.5969</b> | <b>13.0461</b> | <b>14.8910</b> | <b>0.0263</b> |               | <b>0.5255</b> | <b>0.5255</b> |                | <b>0.5037</b> | <b>0.5037</b> |          | <b>2,415.748<br/>3</b> | <b>2,415.748<br/>3</b> | <b>0.4672</b> |     | <b>2,427.429<br/>1</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       | 0.0709        | 2.6578        | 0.9910         | 0.0121        | 0.4228        | 0.0129        | 0.4357        | 0.1217         | 0.0123        | 0.1341        |          | 1,304.254<br>6         | 1,304.254<br>6         | 0.0443        | 0.1879        | 1,361.350<br>5         |
| Worker       | 0.9642        | 0.6597        | 9.2685         | 0.0273        | 3.3533        | 0.0193        | 3.3726        | 0.8893         | 0.0178        | 0.9071        |          | 2,761.768<br>8         | 2,761.768<br>8         | 0.0695        | 0.0688        | 2,783.993<br>6         |
| <b>Total</b> | <b>1.0352</b> | <b>3.3175</b> | <b>10.2595</b> | <b>0.0394</b> | <b>3.7761</b> | <b>0.0322</b> | <b>3.8083</b> | <b>1.0110</b>  | <b>0.0301</b> | <b>1.0411</b> |          | <b>4,066.023<br/>4</b> | <b>4,066.023<br/>4</b> | <b>0.1137</b> | <b>0.2566</b> | <b>4,145.344<br/>2</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.5969        | 13.0461        | 14.8910        | 0.0263        |               | 0.5255        | 0.5255        |                | 0.5037        | 0.5037        | 0.0000        | 2,415.748<br>3         | 2,415.748<br>3         | 0.4672        |     | 2,427.429<br>1         |
| <b>Total</b> | <b>1.5969</b> | <b>13.0461</b> | <b>14.8910</b> | <b>0.0263</b> |               | <b>0.5255</b> | <b>0.5255</b> |                | <b>0.5037</b> | <b>0.5037</b> | <b>0.0000</b> | <b>2,415.748<br/>3</b> | <b>2,415.748<br/>3</b> | <b>0.4672</b> |     | <b>2,427.429<br/>1</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       | 0.0709        | 2.6578        | 0.9910         | 0.0121        | 0.1819        | 0.0129        | 0.1948        | 0.0626         | 0.0123        | 0.0750        |          | 1,304.254<br>6         | 1,304.254<br>6         | 0.0443        | 0.1879        | 1,361.350<br>5         |
| Worker       | 0.9642        | 0.6597        | 9.2685         | 0.0273        | 1.0211        | 0.0193        | 1.0404        | 0.3169         | 0.0178        | 0.3346        |          | 2,761.768<br>8         | 2,761.768<br>8         | 0.0695        | 0.0688        | 2,783.993<br>6         |
| <b>Total</b> | <b>1.0352</b> | <b>3.3175</b> | <b>10.2595</b> | <b>0.0394</b> | <b>1.2030</b> | <b>0.0322</b> | <b>1.2352</b> | <b>0.3795</b>  | <b>0.0301</b> | <b>0.4096</b> |          | <b>4,066.023<br/>4</b> | <b>4,066.023<br/>4</b> | <b>0.1137</b> | <b>0.2566</b> | <b>4,145.344<br/>2</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.4914        | 12.2605        | 14.7990        | 0.0263        |               | 0.4595        | 0.4595        |                | 0.4402        | 0.4402        |          | 2,416.056<br>3         | 2,416.056<br>3         | 0.4608        |     | 2,427.575<br>2         |
| <b>Total</b> | <b>1.4914</b> | <b>12.2605</b> | <b>14.7990</b> | <b>0.0263</b> |               | <b>0.4595</b> | <b>0.4595</b> |                | <b>0.4402</b> | <b>0.4402</b> |          | <b>2,416.056<br/>3</b> | <b>2,416.056<br/>3</b> | <b>0.4608</b> |     | <b>2,427.575<br/>2</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       | 0.0688        | 2.6454        | 0.9730        | 0.0119        | 0.4228        | 0.0129        | 0.4357        | 0.1217         | 0.0124        | 0.1341        |          | 1,280.812<br>4         | 1,280.812<br>4         | 0.0446        | 0.1846        | 1,336.945<br>8         |
| Worker       | 0.9044        | 0.5923        | 8.6267        | 0.0264        | 3.3533        | 0.0184        | 3.3717        | 0.8893         | 0.0169        | 0.9062        |          | 2,668.015<br>7         | 2,668.015<br>7         | 0.0627        | 0.0642        | 2,688.714<br>4         |
| <b>Total</b> | <b>0.9731</b> | <b>3.2377</b> | <b>9.5997</b> | <b>0.0383</b> | <b>3.7761</b> | <b>0.0313</b> | <b>3.8074</b> | <b>1.0110</b>  | <b>0.0293</b> | <b>1.0403</b> |          | <b>3,948.828<br/>0</b> | <b>3,948.828<br/>0</b> | <b>0.1073</b> | <b>0.2488</b> | <b>4,025.660<br/>1</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.4 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     | 1.4914        | 12.2605        | 14.7990        | 0.0263        |               | 0.4595        | 0.4595        |                | 0.4402        | 0.4402        | 0.0000        | 2,416.056<br>3         | 2,416.056<br>3         | 0.4608        |     | 2,427.575<br>2         |
| <b>Total</b> | <b>1.4914</b> | <b>12.2605</b> | <b>14.7990</b> | <b>0.0263</b> |               | <b>0.4595</b> | <b>0.4595</b> |                | <b>0.4402</b> | <b>0.4402</b> | <b>0.0000</b> | <b>2,416.056<br/>3</b> | <b>2,416.056<br/>3</b> | <b>0.4608</b> |     | <b>2,427.575<br/>2</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       | 0.0688        | 2.6454        | 0.9730        | 0.0119        | 0.1819        | 0.0129        | 0.1949        | 0.0626         | 0.0124        | 0.0750        |          | 1,280.812<br>4         | 1,280.812<br>4         | 0.0446        | 0.1846        | 1,336.945<br>8         |
| Worker       | 0.9044        | 0.5923        | 8.6267        | 0.0264        | 1.0211        | 0.0184        | 1.0395        | 0.3169         | 0.0169        | 0.3338        |          | 2,668.015<br>7         | 2,668.015<br>7         | 0.0627        | 0.0642        | 2,688.714<br>4         |
| <b>Total</b> | <b>0.9731</b> | <b>3.2377</b> | <b>9.5997</b> | <b>0.0383</b> | <b>1.2030</b> | <b>0.0313</b> | <b>1.2343</b> | <b>0.3795</b>  | <b>0.0293</b> | <b>0.4088</b> |          | <b>3,948.828<br/>0</b> | <b>3,948.828<br/>0</b> | <b>0.1073</b> | <b>0.2488</b> | <b>4,025.660<br/>1</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 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 | 15.5534        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2278         | 1.5273        | 2.4122        | 3.9600e-003        |               | 0.0687        | 0.0687        |                | 0.0687        | 0.0687        |          | 375.2641        | 375.2641        | 0.0205        |     | 375.7758        |
| <b>Total</b>    | <b>15.7813</b> | <b>1.5273</b> | <b>2.4122</b> | <b>3.9600e-003</b> |               | <b>0.0687</b> | <b>0.0687</b> |                | <b>0.0687</b> | <b>0.0687</b> |          | <b>375.2641</b> | <b>375.2641</b> | <b>0.0205</b> |     | <b>375.7758</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       | 0.7536        | 0.4936        | 7.1889        | 0.0220        | 2.7944        | 0.0153        | 2.8097        | 0.7411         | 0.0141        | 0.7552        |          | 2,223.3464        | 2,223.3464        | 0.0523        | 0.0535        | 2,240.5953        |
| <b>Total</b> | <b>0.7536</b> | <b>0.4936</b> | <b>7.1889</b> | <b>0.0220</b> | <b>2.7944</b> | <b>0.0153</b> | <b>2.8097</b> | <b>0.7411</b>  | <b>0.0141</b> | <b>0.7552</b> |          | <b>2,223.3464</b> | <b>2,223.3464</b> | <b>0.0523</b> | <b>0.0535</b> | <b>2,240.5953</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 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 | 15.5534        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                 | 0.0000          |               |     | 0.0000          |
| Off-Road        | 0.2278         | 1.5273        | 2.4122        | 3.9600e-003        |               | 0.0687        | 0.0687        |                | 0.0687        | 0.0687        | 0.0000        | 375.2641        | 375.2641        | 0.0205        |     | 375.7758        |
| <b>Total</b>    | <b>15.7813</b> | <b>1.5273</b> | <b>2.4122</b> | <b>3.9600e-003</b> |               | <b>0.0687</b> | <b>0.0687</b> |                | <b>0.0687</b> | <b>0.0687</b> | <b>0.0000</b> | <b>375.2641</b> | <b>375.2641</b> | <b>0.0205</b> |     | <b>375.7758</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       | 0.7536        | 0.4936        | 7.1889        | 0.0220        | 0.8509        | 0.0153        | 0.8662        | 0.2641         | 0.0141        | 0.2782        |          | 2,223.3464        | 2,223.3464        | 0.0523        | 0.0535        | 2,240.5953        |
| <b>Total</b> | <b>0.7536</b> | <b>0.4936</b> | <b>7.1889</b> | <b>0.0220</b> | <b>0.8509</b> | <b>0.0153</b> | <b>0.8662</b> | <b>0.2641</b>  | <b>0.0141</b> | <b>0.2782</b> |          | <b>2,223.3464</b> | <b>2,223.3464</b> | <b>0.0523</b> | <b>0.0535</b> | <b>2,240.5953</b> |

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**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   | 5.8151 | 5.8668 | 53.6662 | 0.1120 | 12.5217       | 0.0844       | 12.6061    | 3.3356         | 0.0784        | 3.4139      |          | 11,422.27<br>17 | 11,422.27<br>17 | 0.8612 | 0.5280 | 11,601.14<br>64 |
| Unmitigated | 5.8151 | 5.8668 | 53.6662 | 0.1120 | 12.5217       | 0.0844       | 12.6061    | 3.3356         | 0.0784        | 3.4139      |          | 11,422.27<br>17 | 11,422.27<br>17 | 0.8612 | 0.5280 | 11,601.14<br>64 |

**4.2 Trip Summary Information**

|                                     | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
| Land Use                            | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments High Rise                | 1,290.50                | 1,313.70 | 1041.10  | 4,299,412   | 4,299,412  |
| High Turnover (Sit Down Restaurant) | 841.35                  | 918.00   | 1069.80  | 1,206,017   | 1,206,017  |
| Unenclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00     |             |            |
| Total                               | 2,131.85                | 2,231.70 | 2,110.90 | 5,505,429   | 5,505,429  |

**4.3 Trip Type Information**

|                          | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|--------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                 | 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 High Rise     | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| High Turnover (Sit Down) | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Unenclosed Parking with  | 16.60      | 8.40       | 6.90        | 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 Not Applied****4.4 Fleet Mix**

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments High Rise                | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
| High Turnover (Sit Down Restaurant) | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
| Unenclosed Parking with Elevator    | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |

**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   | 0.1283 | 1.1238 | 0.6705 | 7.0000e-003 |               | 0.0886       | 0.0886     |                | 0.0886        | 0.0886      |          | 1,399.0675 | 1,399.0675 | 0.0268 | 0.0257 | 1,407.3815 |
| NaturalGas Unmitigated | 0.1283 | 1.1238 | 0.6705 | 7.0000e-003 |               | 0.0886       | 0.0886     |                | 0.0886        | 0.0886      |          | 1,399.0675 | 1,399.0675 | 0.0268 | 0.0257 | 1,407.3815 |

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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        | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |                   |                   |               |               |                   |
| Apartments High Rise                | 7159.27        | 0.0772        | 0.6598        | 0.2808        | 4.2100e-003        |               | 0.0533        | 0.0533        |                | 0.0533        | 0.0533        |          | 842.2666          | 842.2666          | 0.0161        | 0.0154        | 847.2717          |
| High Turnover (Sit Down Restaurant) | 4732.81        | 0.0510        | 0.4640        | 0.3898        | 2.7800e-003        |               | 0.0353        | 0.0353        |                | 0.0353        | 0.0353        |          | 556.8010          | 556.8010          | 0.0107        | 0.0102        | 560.1098          |
| 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>0.1283</b> | <b>1.1238</b> | <b>0.6705</b> | <b>6.9900e-003</b> |               | <b>0.0886</b> | <b>0.0886</b> |                | <b>0.0886</b> | <b>0.0886</b> |          | <b>1,399.0675</b> | <b>1,399.0675</b> | <b>0.0268</b> | <b>0.0257</b> | <b>1,407.3815</b> |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**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 High Rise                | 7.15927        | 0.0772        | 0.6598        | 0.2808        | 4.2100e-003        |               | 0.0533        | 0.0533        |                | 0.0533        | 0.0533        |          | 842.2666          | 842.2666          | 0.0161        | 0.0154        | 847.2717          |
| High Turnover (Sit Down Restaurant) | 4.73281        | 0.0510        | 0.4640        | 0.3898        | 2.7800e-003        |               | 0.0353        | 0.0353        |                | 0.0353        | 0.0353        |          | 556.8010          | 556.8010          | 0.0107        | 0.0102        | 560.1098          |
| 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>0.1283</b> | <b>1.1238</b> | <b>0.6705</b> | <b>6.9900e-003</b> |               | <b>0.0886</b> | <b>0.0886</b> |                | <b>0.0886</b> | <b>0.0886</b> |          | <b>1,399.0675</b> | <b>1,399.0675</b> | <b>0.0268</b> | <b>0.0257</b> | <b>1,407.3815</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 Not 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   | 9.7932 | 0.2758 | 23.9490 | 1.2700e-003 |               | 0.1328       | 0.1328     |                | 0.1328        | 0.1328      | 0.0000   | 43.1796   | 43.1796   | 0.0415 | 0.0000 | 44.2175 |
| Unmitigated | 9.7932 | 0.2758 | 23.9490 | 1.2700e-003 |               | 0.1328       | 0.1328     |                | 0.1328        | 0.1328      | 0.0000   | 43.1796   | 43.1796   | 0.0415 | 0.0000 | 44.2175 |

**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 | 0.7372        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Consumer Products     | 8.3341        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Hearth                | 0.0000        | 0.0000        | 0.0000         | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Landscaping           | 0.7219        | 0.2758        | 23.9490        | 1.2700e-003        |               | 0.1328        | 0.1328        |                | 0.1328        | 0.1328        |               | 43.1796        | 43.1796        | 0.0415        |               | 44.2175        |
| <b>Total</b>          | <b>9.7932</b> | <b>0.2758</b> | <b>23.9490</b> | <b>1.2700e-003</b> |               | <b>0.1328</b> | <b>0.1328</b> |                | <b>0.1328</b> | <b>0.1328</b> | <b>0.0000</b> | <b>43.1796</b> | <b>43.1796</b> | <b>0.0415</b> | <b>0.0000</b> | <b>44.2175</b> |

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**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 | 0.7372        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Consumer Products     | 8.3341        |               |                |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |               |                | 0.0000         |               |               | 0.0000         |
| Hearth                | 0.0000        | 0.0000        | 0.0000         | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Landscaping           | 0.7219        | 0.2758        | 23.9490        | 1.2700e-003        |               | 0.1328        | 0.1328        |                | 0.1328        | 0.1328        |               | 43.1796        | 43.1796        | 0.0415        |               | 44.2175        |
| <b>Total</b>          | <b>9.7932</b> | <b>0.2758</b> | <b>23.9490</b> | <b>1.2700e-003</b> |               | <b>0.1328</b> | <b>0.1328</b> |                | <b>0.1328</b> | <b>0.1328</b> | <b>0.0000</b> | <b>43.1796</b> | <b>43.1796</b> | <b>0.0415</b> | <b>0.0000</b> | <b>44.2175</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

1050 La Cienega Blvd - Los Angeles-South Coast County, Winter

**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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**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 |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

**1050 La Cienega Blvd**  
**Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics****1.1 Land Usage**

| Land Uses                           | Size   | Metric        | Lot Acreage | Floor Surface Area | Population |
|-------------------------------------|--------|---------------|-------------|--------------------|------------|
| Apartments High Rise                | 290.00 | Dwelling Unit | 1.83        | 409,710.00         | 679        |
| High Turnover (Sit Down Restaurant) | 7.50   | 1000sqft      | 0.00        | 7,500.00           | 0          |
| Unenclosed Parking with Elevator    | 447.00 | Space         | 0.00        | 206,980.00         | 0          |

**1.2 Other Project Characteristics**

|                                |                                         |                                |       |                                  |       |
|--------------------------------|-----------------------------------------|--------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>            | Urban                                   | <b>Wind Speed (m/s)</b>        | 2.2   | <b>Precipitation Freq (Days)</b> | 33    |
| <b>Climate Zone</b>            | 11                                      |                                |       | <b>Operational Year</b>          | 2025  |
| <b>Utility Company</b>         | Los Angeles Department of Water & Power |                                |       |                                  |       |
| <b>CO2 Intensity (lb/MWhr)</b> | 691.98                                  | <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 - Residential sqft equivalent to gross residential area and open space.

Construction Phase - Applicant info. Approximate 32-month construction schedule.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Off-road Equipment - Applicant info.

Grading - Applicant info.

Trips and VMT - Separate CalEEMod analysis provided for "maximum haul day scenario" assuming 250 one-way haul truck trips per day.

Woodstoves - No hearths.

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

Vehicle Trips -

| Table Name             | Column Name                    | Default Value | New Value  |
|------------------------|--------------------------------|---------------|------------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80         |
| tblConstructionPhase   | NumDays                        | 4.00          | 85.00      |
| tblConstructionPhase   | NumDays                        | 4.00          | 45.00      |
| tblConstructionPhase   | NumDays                        | 200.00        | 500.00     |
| tblConstructionPhase   | NumDays                        | 10.00         | 173.00     |
| tblConstructionPhase   | PhaseEndDate                   | 2/6/2023      | 4/28/2023  |
| tblConstructionPhase   | PhaseStartDate                 | 2/1/2023      | 1/2/2023   |
| tblFireplaces          | FireplaceDayYear               | 25.00         | 0.00       |
| tblFireplaces          | FireplaceHourDay               | 3.00          | 0.00       |
| tblFireplaces          | FireplaceWoodMass              | 1,019.20      | 0.00       |
| tblFireplaces          | NumberGas                      | 246.50        | 0.00       |
| tblFireplaces          | NumberNoFireplace              | 29.00         | 0.00       |
| tblFireplaces          | NumberWood                     | 14.50         | 0.00       |
| tblGrading             | AcresOfGrading                 | 42.50         | 1.83       |
| tblGrading             | MaterialExported               | 0.00          | 48,931.00  |
| tblLandUse             | LandUseSquareFeet              | 290,000.00    | 409,710.00 |
| tblLandUse             | LandUseSquareFeet              | 178,800.00    | 206,980.00 |
| tblLandUse             | LotAcreage                     | 4.68          | 1.83       |
| tblLandUse             | LotAcreage                     | 0.17          | 0.00       |
| tblLandUse             | LotAcreage                     | 4.02          | 0.00       |
| tblLandUse             | Population                     | 829.00        | 679.00     |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.38          | 0.38       |
| tblOffRoadEquipment    | LoadFactor                     | 0.50          | 0.50       |
| tblOffRoadEquipment    | LoadFactor                     | 0.29          | 0.29       |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

|                     |                            |          |                          |
|---------------------|----------------------------|----------|--------------------------|
| tblOffRoadEquipment | LoadFactor                 | 0.38     | 0.38                     |
| tblOffRoadEquipment | LoadFactor                 | 0.31     | 0.31                     |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Rollers                  |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Bore/Drill Rigs          |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cement and Mortar Mixers |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Cranes                   |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Excavators               |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Pumps                    |
| tblOffRoadEquipment | OffRoadEquipmentType       |          | Aerial Lifts             |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00     | 0.00                     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00     | 1.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 7.00     | 8.00                     |
| tblOffRoadEquipment | UsageHours                 | 6.00     | 8.00                     |
| tblTripsAndVMT      | HaulingTripLength          | 20.00    | 40.00                    |
| tblTripsAndVMT      | HaulingTripNumber          | 6,116.00 | 6,990.00                 |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 50.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 15.00    | 40.00                    |
| tblTripsAndVMT      | WorkerTripNumber           | 299.00   | 300.00                   |
| tblTripsAndVMT      | WorkerTripNumber           | 60.00    | 250.00                   |
| tblWoodstoves       | NumberCatalytic            | 14.50    | 0.00                     |
| tblWoodstoves       | NumberNoncatalytic         | 14.50    | 0.00                     |
| tblWoodstoves       | WoodstoveDayYear           | 25.00    | 0.00                     |
| tblWoodstoves       | WoodstoveWoodMass          | 999.60   | 0.00                     |

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

## **2.0 Emissions Summary**

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## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****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    |           |           |        |        |                        |
| 2023    | 0.2900  | 2.9117 | 2.9478 | 0.0105      | 0.6515        | 0.0882       | 0.7397     | 0.2470         | 0.0832        | 0.3302      | 0.0000   | 974.8684  | 974.8684  | 0.1062 | 0.0796 | 1,001.252 <sub>4</sub> |
| 2024    | 0.3350  | 2.1465 | 3.3235 | 8.6700e-003 | 0.4851        | 0.0731       | 0.5582     | 0.1301         | 0.0699        | 0.2000      | 0.0000   | 775.0348  | 775.0348  | 0.0691 | 0.0306 | 785.8800               |
| 2025    | 1.5542  | 1.0137 | 2.1747 | 5.7800e-003 | 0.4370        | 0.0338       | 0.4707     | 0.1166         | 0.0325        | 0.1491      | 0.0000   | 520.1896  | 520.1896  | 0.0335 | 0.0165 | 525.9415               |
| Maximum | 1.5542  | 2.9117 | 3.3235 | 0.0105      | 0.6515        | 0.0882       | 0.7397     | 0.2470         | 0.0832        | 0.3302      | 0.0000   | 974.8684  | 974.8684  | 0.1062 | 0.0796 | 1,001.252 <sub>4</sub> |

**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    |           |           |        |        |                        |
| 2023    | 0.2900  | 2.9117 | 2.9478 | 0.0105      | 0.2360        | 0.0882       | 0.3241     | 0.0977         | 0.0832        | 0.1809      | 0.0000   | 974.8681  | 974.8681  | 0.1062 | 0.0796 | 1,001.252 <sub>1</sub> |
| 2024    | 0.3350  | 2.1465 | 3.3235 | 8.6700e-003 | 0.1557        | 0.0731       | 0.2287     | 0.0492         | 0.0699        | 0.1192      | 0.0000   | 775.0344  | 775.0344  | 0.0691 | 0.0306 | 785.8796               |
| 2025    | 1.5542  | 1.0137 | 2.1747 | 5.7800e-003 | 0.1368        | 0.0338       | 0.1706     | 0.0429         | 0.0325        | 0.0754      | 0.0000   | 520.1894  | 520.1894  | 0.0335 | 0.0165 | 525.9414               |
| Maximum | 1.5542  | 2.9117 | 3.3235 | 0.0105      | 0.2360        | 0.0882       | 0.3241     | 0.0977         | 0.0832        | 0.1809      | 0.0000   | 974.8681  | 974.8681  | 0.1062 | 0.0796 | 1,001.252 <sub>1</sub> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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 | 66.42         | 0.00         | 59.09      | 61.54          | 0.00          | 44.72       | 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       | 1-2-2023   | 4-1-2023  | 1.1988                                       | 1.1988                                     |
| 2       | 4-2-2023   | 7-1-2023  | 0.6483                                       | 0.6483                                     |
| 3       | 7-2-2023   | 10-1-2023 | 0.6425                                       | 0.6425                                     |
| 4       | 10-2-2023  | 1-1-2024  | 0.6576                                       | 0.6576                                     |
| 5       | 1-2-2024   | 4-1-2024  | 0.6173                                       | 0.6173                                     |
| 6       | 4-2-2024   | 7-1-2024  | 0.6093                                       | 0.6093                                     |
| 7       | 7-2-2024   | 10-1-2024 | 0.6161                                       | 0.6161                                     |
| 8       | 10-2-2024  | 1-1-2025  | 0.6304                                       | 0.6304                                     |
| 9       | 1-2-2025   | 4-1-2025  | 1.1737                                       | 1.1737                                     |
| 10      | 4-2-2025   | 7-1-2025  | 0.9731                                       | 0.9731                                     |
| 11      | 7-2-2025   | 9-30-2025 | 0.3888                                       | 0.3888                                     |
|         |            | Highest   | 1.1988                                       | 1.1988                                     |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr          |                   |                   |               |               |                   |
| Area         | 1.7458        | 0.0345        | 2.9936         | 1.6000e-004   |               | 0.0166        | 0.0166        |                | 0.0166        | 0.0166        | 0.0000         | 4.8965            | 4.8965            | 4.7100e-003   | 0.0000        | 5.0142            |
| Energy       | 0.0234        | 0.2051        | 0.1224         | 1.2800e-003   |               | 0.0162        | 0.0162        |                | 0.0162        | 0.0162        | 0.0000         | 808.2034          | 808.2034          | 0.0319        | 7.5800e-003   | 811.2605          |
| Mobile       | 0.9470        | 0.9930        | 9.0406         | 0.0191        | 2.0686        | 0.0142        | 2.0827        | 0.5519         | 0.0131        | 0.5650        | 0.0000         | 1,762.6048        | 1,762.6048        | 0.1297        | 0.0805        | 1,789.8305        |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 45.1959        | 0.0000            | 45.1959           | 2.6710        | 0.0000        | 111.9710          |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 6.7166         | 128.5718          | 135.2884          | 0.6960        | 0.0170        | 157.7639          |
| <b>Total</b> | <b>2.7162</b> | <b>1.2325</b> | <b>12.1566</b> | <b>0.0205</b> | <b>2.0686</b> | <b>0.0469</b> | <b>2.1155</b> | <b>0.5519</b>  | <b>0.0459</b> | <b>0.5978</b> | <b>51.9126</b> | <b>2,704.2765</b> | <b>2,756.1891</b> | <b>3.5333</b> | <b>0.1051</b> | <b>2,875.8401</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

## 2.2 Overall Operational

Mitigated Operational

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2       | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|-------------------|-------------------|---------------|---------------|-------------------|
| Category     | tons/yr       |               |                |               |               |               |               |                |               |               | MT/yr          |                   |                   |               |               |                   |
| Area         | 1.7458        | 0.0345        | 2.9936         | 1.6000e-004   |               | 0.0166        | 0.0166        |                | 0.0166        | 0.0166        | 0.0000         | 4.8965            | 4.8965            | 4.7100e-003   | 0.0000        | 5.0142            |
| Energy       | 0.0234        | 0.2051        | 0.1224         | 1.2800e-003   |               | 0.0162        | 0.0162        |                | 0.0162        | 0.0162        | 0.0000         | 808.2034          | 808.2034          | 0.0319        | 7.5800e-003   | 811.2605          |
| Mobile       | 0.9470        | 0.9930        | 9.0406         | 0.0191        | 2.0686        | 0.0142        | 2.0827        | 0.5519         | 0.0131        | 0.5650        | 0.0000         | 1,762.6048        | 1,762.6048        | 0.1297        | 0.0805        | 1,789.8305        |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 45.1959        | 0.0000            | 45.1959           | 2.6710        | 0.0000        | 111.9710          |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 6.7166         | 128.5718          | 135.2884          | 0.6960        | 0.0170        | 157.7639          |
| <b>Total</b> | <b>2.7162</b> | <b>1.2325</b> | <b>12.1566</b> | <b>0.0205</b> | <b>2.0686</b> | <b>0.0469</b> | <b>2.1155</b> | <b>0.5519</b>  | <b>0.0459</b> | <b>0.5978</b> | <b>51.9126</b> | <b>2,704.2765</b> | <b>2,756.1891</b> | <b>3.5333</b> | <b>0.1051</b> | <b>2,875.8401</b> |

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

## 3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name            | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Excavation            | Grading               | 1/2/2023   | 4/28/2023 | 5             | 85       |                   |
| 2            | Piles                 | Grading               | 5/1/2023   | 6/30/2023 | 5             | 45       |                   |
| 3            | Building Construction | Building Construction | 7/3/2023   | 5/30/2025 | 5             | 500      |                   |

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

|   |                       |                       |          |           |   |     |
|---|-----------------------|-----------------------|----------|-----------|---|-----|
| 4 | Architectural Coating | Architectural Coating | 1/1/2025 | 8/29/2025 | 5 | 173 |
|---|-----------------------|-----------------------|----------|-----------|---|-----|

**Acres of Grading (Site Preparation Phase): 0****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 0****Residential Indoor: 829,663; Residential Outdoor: 276,554; Non-Residential Indoor: 11,250; Non-Residential Outdoor: 3,750; Striped Parking Area: 12,419 (Architectural Coating – sqft)****OffRoad Equipment**

| Phase Name            | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Architectural Coating | Air Compressors           | 1      | 8.00        | 78          | 0.48        |
| Piles                 | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Piles                 | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Building Construction | Cranes                    | 1      | 8.00        | 231         | 0.29        |
| Building Construction | Forklifts                 | 1      | 8.00        | 89          | 0.20        |
| Building Construction | Generator Sets            | 1      | 8.00        | 84          | 0.74        |
| Excavation            | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Piles                 | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Excavation            | Excavators                | 2      | 8.00        | 158         | 0.38        |
| Excavation            | Rollers                   | 1      | 8.00        | 80          | 0.38        |
| Piles                 | Bore/Drill Rigs           | 1      | 8.00        | 221         | 0.50        |
| Piles                 | Cement and Mortar Mixers  | 1      | 8.00        | 9           | 0.56        |
| Excavation            | Rubber Tired Dozers       | 1      | 8.00        | 247         | 0.40        |
| Piles                 | Cranes                    | 1      | 8.00        | 231         | 0.29        |
| Building Construction | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Piles                 | Excavators                | 1      | 8.00        | 158         | 0.38        |
| Excavation            | Tractors/Loaders/Backhoes | 2      | 7.00        | 97          | 0.37        |
| Piles                 | Pumps                     | 1      | 8.00        | 84          | 0.74        |
| Building Construction | Aerial Lifts              | 1      | 8.00        | 63          | 0.31        |

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

|                       |         |   |      |    |      |
|-----------------------|---------|---|------|----|------|
| 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 |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Piles                 | 6                       | 50.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Excavation            | 6                       | 40.00              | 0.00               | 6,990.00            | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction | 8                       | 300.00             | 66.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating | 1                       | 250.00             | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Water Exposed Area

Clean Paved Roads

**3.2 Excavation - 2023****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.2597        | 0.0000        | 0.2597        | 0.1412         | 0.0000        | 0.1412        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0629        | 0.6170        | 0.6540        | 1.1500e-003        |               | 0.0295        | 0.0295        |                | 0.0271        | 0.0271        | 0.0000        | 100.6630        | 100.6630        | 0.0326        | 0.0000        | 101.4769        |
| <b>Total</b>  | <b>0.0629</b> | <b>0.6170</b> | <b>0.6540</b> | <b>1.1500e-003</b> | <b>0.2597</b> | <b>0.0295</b> | <b>0.2892</b> | <b>0.1412</b>  | <b>0.0271</b> | <b>0.1683</b> | <b>0.0000</b> | <b>100.6630</b> | <b>100.6630</b> | <b>0.0326</b> | <b>0.0000</b> | <b>101.4769</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Excavation - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                 |                 |               |               |                 |
| Hauling      | 0.0112        | 0.8962        | 0.1919        | 4.0000e-003        | 0.1202        | 5.7200e-003        | 0.1259        | 0.0330         | 5.4700e-003        | 0.0385        | 0.0000        | 398.7633        | 398.7633        | 0.0222        | 0.0633        | 418.1912        |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       | 5.3900e-003   | 4.2800e-003   | 0.0579        | 1.6000e-004        | 0.0186        | 1.1000e-004        | 0.0187        | 4.9500e-003    | 1.1000e-004        | 5.0500e-003   | 0.0000        | 14.8281         | 14.8281         | 3.9000e-004   | 3.9000e-004   | 14.9530         |
| <b>Total</b> | <b>0.0166</b> | <b>0.9005</b> | <b>0.2499</b> | <b>4.1600e-003</b> | <b>0.1388</b> | <b>5.8300e-003</b> | <b>0.1447</b> | <b>0.0380</b>  | <b>5.5800e-003</b> | <b>0.0435</b> | <b>0.0000</b> | <b>413.5915</b> | <b>413.5915</b> | <b>0.0226</b> | <b>0.0637</b> | <b>433.1443</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Fugitive Dust |               |               |               |                    | 0.1013        | 0.0000        | 0.1013        | 0.0551         | 0.0000        | 0.0551        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Off-Road      | 0.0629        | 0.6170        | 0.6540        | 1.1500e-003        |               | 0.0295        | 0.0295        |                | 0.0271        | 0.0271        | 0.0000        | 100.6629        | 100.6629        | 0.0326        | 0.0000        | 101.4768        |
| <b>Total</b>  | <b>0.0629</b> | <b>0.6170</b> | <b>0.6540</b> | <b>1.1500e-003</b> | <b>0.1013</b> | <b>0.0295</b> | <b>0.1307</b> | <b>0.0551</b>  | <b>0.0271</b> | <b>0.0822</b> | <b>0.0000</b> | <b>100.6629</b> | <b>100.6629</b> | <b>0.0326</b> | <b>0.0000</b> | <b>101.4768</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Excavation - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                 |                 |               |               |                 |
| Hauling      | 0.0112        | 0.8962        | 0.1919        | 4.0000e-003        | 0.0479        | 5.7200e-003        | 0.0537        | 0.0153         | 5.4700e-003        | 0.0207        | 0.0000        | 398.7633        | 398.7633        | 0.0222        | 0.0633        | 418.1912        |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       | 5.3900e-003   | 4.2800e-003   | 0.0579        | 1.6000e-004        | 5.7100e-003   | 1.1000e-004        | 5.8300e-003   | 1.7800e-003    | 1.1000e-004        | 1.8800e-003   | 0.0000        | 14.8281         | 14.8281         | 3.9000e-004   | 3.9000e-004   | 14.9530         |
| <b>Total</b> | <b>0.0166</b> | <b>0.9005</b> | <b>0.2499</b> | <b>4.1600e-003</b> | <b>0.0536</b> | <b>5.8300e-003</b> | <b>0.0595</b> | <b>0.0171</b>  | <b>5.5800e-003</b> | <b>0.0226</b> | <b>0.0000</b> | <b>413.5915</b> | <b>413.5915</b> | <b>0.0226</b> | <b>0.0637</b> | <b>433.1443</b> |

**3.3 Piles - 2023****Unmitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0291        | 0.2712        | 0.3016        | 6.9000e-004        |               | 0.0118        | 0.0118        |                | 0.0112        | 0.0112        | 0.0000        | 60.2730        | 60.2730        | 0.0157        | 0.0000        | 60.6664        |
| <b>Total</b>  | <b>0.0291</b> | <b>0.2712</b> | <b>0.3016</b> | <b>6.9000e-004</b> | <b>0.0000</b> | <b>0.0118</b> | <b>0.0118</b> | <b>0.0000</b>  | <b>0.0112</b> | <b>0.0112</b> | <b>0.0000</b> | <b>60.2730</b> | <b>60.2730</b> | <b>0.0157</b> | <b>0.0000</b> | <b>60.6664</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 2023****Unmitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O                | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category     | tons/yr            |                    |               |                    |               |                    |               |                    |                    |                    | MT/yr         |               |               |                    |                    |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Worker       | 3.5700e-003        | 2.8300e-003        | 0.0383        | 1.1000e-004        | 0.0123        | 8.0000e-005        | 0.0124        | 3.2700e-003        | 7.0000e-005        | 3.3400e-003        | 0.0000        | 9.8127        | 9.8127        | 2.6000e-004        | 2.6000e-004        | 9.8954        |
| <b>Total</b> | <b>3.5700e-003</b> | <b>2.8300e-003</b> | <b>0.0383</b> | <b>1.1000e-004</b> | <b>0.0123</b> | <b>8.0000e-005</b> | <b>0.0124</b> | <b>3.2700e-003</b> | <b>7.0000e-005</b> | <b>3.3400e-003</b> | <b>0.0000</b> | <b>9.8127</b> | <b>9.8127</b> | <b>2.6000e-004</b> | <b>2.6000e-004</b> | <b>9.8954</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|
| Category      | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                |                |               |               |                |
| Fugitive Dust |               |               |               |                    | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Off-Road      | 0.0291        | 0.2712        | 0.3016        | 6.9000e-004        |               | 0.0118        | 0.0118        |                | 0.0112        | 0.0112        | 0.0000        | 60.2729        | 60.2729        | 0.0157        | 0.0000        | 60.6663        |
| <b>Total</b>  | <b>0.0291</b> | <b>0.2712</b> | <b>0.3016</b> | <b>6.9000e-004</b> | <b>0.0000</b> | <b>0.0118</b> | <b>0.0118</b> | <b>0.0000</b>  | <b>0.0112</b> | <b>0.0112</b> | <b>0.0000</b> | <b>60.2729</b> | <b>60.2729</b> | <b>0.0157</b> | <b>0.0000</b> | <b>60.6663</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.3 Piles - 2023****Mitigated Construction Off-Site**

|              | ROG                | NOx                | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O                | CO2e          |
|--------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|
| Category     | tons/yr            |                    |               |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |                    |               |
| Hauling      | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Vendor       | 0.0000             | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        |
| Worker       | 3.5700e-003        | 2.8300e-003        | 0.0383        | 1.1000e-004        | 3.7800e-003        | 8.0000e-005        | 3.8600e-003        | 1.1800e-003        | 7.0000e-005        | 1.2500e-003        | 0.0000        | 9.8127        | 9.8127        | 2.6000e-004        | 2.6000e-004        | 9.8954        |
| <b>Total</b> | <b>3.5700e-003</b> | <b>2.8300e-003</b> | <b>0.0383</b> | <b>1.1000e-004</b> | <b>3.7800e-003</b> | <b>8.0000e-005</b> | <b>3.8600e-003</b> | <b>1.1800e-003</b> | <b>7.0000e-005</b> | <b>1.2500e-003</b> | <b>0.0000</b> | <b>9.8127</b> | <b>9.8127</b> | <b>2.6000e-004</b> | <b>2.6000e-004</b> | <b>9.8954</b> |

**3.4 Building Construction - 2023****Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.1111        | 0.8982        | 0.9750        | 1.7100e-003        |               | 0.0388        | 0.0388        |                | 0.0372        | 0.0372        | 0.0000        | 142.4389        | 142.4389        | 0.0279        | 0.0000        | 143.1373        |
| <b>Total</b> | <b>0.1111</b> | <b>0.8982</b> | <b>0.9750</b> | <b>1.7100e-003</b> |               | <b>0.0388</b> | <b>0.0388</b> |                | <b>0.0372</b> | <b>0.0372</b> | <b>0.0000</b> | <b>142.4389</b> | <b>142.4389</b> | <b>0.0279</b> | <b>0.0000</b> | <b>143.1373</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 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       | 4.8500e-003   | 0.1729        | 0.0647        | 8.0000e-004        | 0.0270        | 8.3000e-004        | 0.0279        | 7.8000e-003    | 7.9000e-004        | 8.6000e-003   | 0.0000        | 78.0017         | 78.0017         | 2.6100e-003        | 0.0112        | 81.4121         |
| Worker       | 0.0619        | 0.0491        | 0.6644        | 1.8500e-003        | 0.2137        | 1.3100e-003        | 0.2150        | 0.0568         | 1.2100e-003        | 0.0580        | 0.0000        | 170.0875        | 170.0875        | 4.5200e-003        | 4.4300e-003   | 171.5200        |
| <b>Total</b> | <b>0.0667</b> | <b>0.2220</b> | <b>0.7291</b> | <b>2.6500e-003</b> | <b>0.2407</b> | <b>2.1400e-003</b> | <b>0.2429</b> | <b>0.0646</b>  | <b>2.0000e-003</b> | <b>0.0666</b> | <b>0.0000</b> | <b>248.0893</b> | <b>248.0893</b> | <b>7.1300e-003</b> | <b>0.0157</b> | <b>252.9322</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     | 0.1111        | 0.8982        | 0.9750        | 1.7100e-003        |               | 0.0388        | 0.0388        |                | 0.0372        | 0.0372        | 0.0000        | 142.4388        | 142.4388        | 0.0279        | 0.0000        | 143.1372        |
| <b>Total</b> | <b>0.1111</b> | <b>0.8982</b> | <b>0.9750</b> | <b>1.7100e-003</b> |               | <b>0.0388</b> | <b>0.0388</b> |                | <b>0.0372</b> | <b>0.0372</b> | <b>0.0000</b> | <b>142.4388</b> | <b>142.4388</b> | <b>0.0279</b> | <b>0.0000</b> | <b>143.1372</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 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       | 4.8500e-003   | 0.1729        | 0.0647        | 8.0000e-004        | 0.0117        | 8.3000e-004        | 0.0126        | 4.0500e-003    | 7.9000e-004        | 4.8400e-003   | 0.0000        | 78.0017         | 78.0017         | 2.6100e-003        | 0.0112        | 81.4121         |
| Worker       | 0.0619        | 0.0491        | 0.6644        | 1.8500e-003        | 0.0655        | 1.3100e-003        | 0.0668        | 0.0204         | 1.2100e-003        | 0.0216        | 0.0000        | 170.0875        | 170.0875        | 4.5200e-003        | 4.4300e-003   | 171.5200        |
| <b>Total</b> | <b>0.0667</b> | <b>0.2220</b> | <b>0.7291</b> | <b>2.6500e-003</b> | <b>0.0773</b> | <b>2.1400e-003</b> | <b>0.0794</b> | <b>0.0244</b>  | <b>2.0000e-003</b> | <b>0.0264</b> | <b>0.0000</b> | <b>248.0893</b> | <b>248.0893</b> | <b>7.1300e-003</b> | <b>0.0157</b> | <b>252.9322</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     | 0.2092        | 1.7090        | 1.9507        | 3.4500e-003        |               | 0.0688        | 0.0688        |                | 0.0660        | 0.0660        | 0.0000        | 287.0904        | 287.0904        | 0.0555        | 0.0000        | 288.4786        |
| <b>Total</b> | <b>0.2092</b> | <b>1.7090</b> | <b>1.9507</b> | <b>3.4500e-003</b> |               | <b>0.0688</b> | <b>0.0688</b> |                | <b>0.0660</b> | <b>0.0660</b> | <b>0.0000</b> | <b>287.0904</b> | <b>287.0904</b> | <b>0.0555</b> | <b>0.0000</b> | <b>288.4786</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 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       | 9.4600e-003   | 0.3491        | 0.1277        | 1.5800e-003        | 0.0545        | 1.6800e-003        | 0.0562        | 0.0157         | 1.6100e-003        | 0.0173        | 0.0000        | 154.8449        | 154.8449        | 5.2700e-003   | 0.0223        | 161.6240        |
| Worker       | 0.1163        | 0.0883        | 1.2451        | 3.6300e-003        | 0.4307        | 2.5300e-003        | 0.4332        | 0.1144         | 2.3300e-003        | 0.1167        | 0.0000        | 333.0994        | 333.0994        | 8.2600e-003   | 8.2900e-003   | 335.7774        |
| <b>Total</b> | <b>0.1258</b> | <b>0.4375</b> | <b>1.3728</b> | <b>5.2100e-003</b> | <b>0.4851</b> | <b>4.2100e-003</b> | <b>0.4894</b> | <b>0.1301</b>  | <b>3.9400e-003</b> | <b>0.1341</b> | <b>0.0000</b> | <b>487.9443</b> | <b>487.9443</b> | <b>0.0135</b> | <b>0.0306</b> | <b>497.4014</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     | 0.2092        | 1.7090        | 1.9507        | 3.4500e-003        |               | 0.0688        | 0.0688        |                | 0.0660        | 0.0660        | 0.0000        | 287.0901        | 287.0901        | 0.0555        | 0.0000        | 288.4782        |
| <b>Total</b> | <b>0.2092</b> | <b>1.7090</b> | <b>1.9507</b> | <b>3.4500e-003</b> |               | <b>0.0688</b> | <b>0.0688</b> |                | <b>0.0660</b> | <b>0.0660</b> | <b>0.0000</b> | <b>287.0901</b> | <b>287.0901</b> | <b>0.0555</b> | <b>0.0000</b> | <b>288.4782</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 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       | 9.4600e-003   | 0.3491        | 0.1277        | 1.5800e-003        | 0.0237        | 1.6800e-003        | 0.0253        | 8.1600e-003    | 1.6100e-003        | 9.7700e-003   | 0.0000        | 154.8449        | 154.8449        | 5.2700e-003   | 0.0223        | 161.6240        |
| Worker       | 0.1163        | 0.0883        | 1.2451        | 3.6300e-003        | 0.1320        | 2.5300e-003        | 0.1346        | 0.0411         | 2.3300e-003        | 0.0434        | 0.0000        | 333.0994        | 333.0994        | 8.2600e-003   | 8.2900e-003   | 335.7774        |
| <b>Total</b> | <b>0.1258</b> | <b>0.4375</b> | <b>1.3728</b> | <b>5.2100e-003</b> | <b>0.1557</b> | <b>4.2100e-003</b> | <b>0.1599</b> | <b>0.0492</b>  | <b>3.9400e-003</b> | <b>0.0532</b> | <b>0.0000</b> | <b>487.9443</b> | <b>487.9443</b> | <b>0.0135</b> | <b>0.0306</b> | <b>497.4014</b> |

**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     | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| Off-Road     | 0.0805        | 0.6621        | 0.7992        | 1.4200e-003        |               | 0.0248        | 0.0248        |                | 0.0238        | 0.0238        | 0.0000        | 118.3577        | 118.3577        | 0.0226        | 0.0000        | 118.9220        |
| <b>Total</b> | <b>0.0805</b> | <b>0.6621</b> | <b>0.7992</b> | <b>1.4200e-003</b> |               | <b>0.0248</b> | <b>0.0248</b> |                | <b>0.0238</b> | <b>0.0238</b> | <b>0.0000</b> | <b>118.3577</b> | <b>118.3577</b> | <b>0.0226</b> | <b>0.0000</b> | <b>118.9220</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4                | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                 |                 |                    |               |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       | 3.7900e-003   | 0.1432        | 0.0517        | 6.4000e-004        | 0.0225        | 7.0000e-004        | 0.0232        | 6.4800e-003    | 6.7000e-004        | 7.1500e-003   | 0.0000        | 62.6808         | 62.6808         | 2.1900e-003        | 9.0400e-003   | 65.4281         |
| Worker       | 0.0449        | 0.0327        | 0.4776        | 1.4500e-003        | 0.1775        | 9.9000e-004        | 0.1785        | 0.0472         | 9.1000e-004        | 0.0481        | 0.0000        | 132.6424        | 132.6424        | 3.0700e-003        | 3.1900e-003   | 133.6704        |
| <b>Total</b> | <b>0.0487</b> | <b>0.1759</b> | <b>0.5293</b> | <b>2.0900e-003</b> | <b>0.2000</b> | <b>1.6900e-003</b> | <b>0.2017</b> | <b>0.0536</b>  | <b>1.5800e-003</b> | <b>0.0552</b> | <b>0.0000</b> | <b>195.3232</b> | <b>195.3232</b> | <b>5.2600e-003</b> | <b>0.0122</b> | <b>199.0984</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     | 0.0805        | 0.6621        | 0.7991        | 1.4200e-003        |               | 0.0248        | 0.0248        |                | 0.0238        | 0.0238        | 0.0000        | 118.3576        | 118.3576        | 0.0226        | 0.0000        | 118.9219        |
| <b>Total</b> | <b>0.0805</b> | <b>0.6621</b> | <b>0.7991</b> | <b>1.4200e-003</b> |               | <b>0.0248</b> | <b>0.0248</b> |                | <b>0.0238</b> | <b>0.0238</b> | <b>0.0000</b> | <b>118.3576</b> | <b>118.3576</b> | <b>0.0226</b> | <b>0.0000</b> | <b>118.9219</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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 Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4                | N2O           | CO2e            |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category     | tons/yr       |               |               |                    |               |                    |               |                |                    |               | MT/yr         |                 |                 |                    |               |                 |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        | 0.0000        | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       | 3.7900e-003   | 0.1432        | 0.0517        | 6.4000e-004        | 9.7500e-003   | 7.0000e-004        | 0.0105        | 3.3600e-003    | 6.7000e-004        | 4.0300e-003   | 0.0000        | 62.6808         | 62.6808         | 2.1900e-003        | 9.0400e-003   | 65.4281         |
| Worker       | 0.0449        | 0.0327        | 0.4776        | 1.4500e-003        | 0.0544        | 9.9000e-004        | 0.0554        | 0.0169         | 9.1000e-004        | 0.0179        | 0.0000        | 132.6424        | 132.6424        | 3.0700e-003        | 3.1900e-003   | 133.6704        |
| <b>Total</b> | <b>0.0487</b> | <b>0.1759</b> | <b>0.5293</b> | <b>2.0900e-003</b> | <b>0.0642</b> | <b>1.6900e-003</b> | <b>0.0659</b> | <b>0.0203</b>  | <b>1.5800e-003</b> | <b>0.0219</b> | <b>0.0000</b> | <b>195.3232</b> | <b>195.3232</b> | <b>5.2600e-003</b> | <b>0.0122</b> | <b>199.0984</b> |

**3.5 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        | tons/yr       |               |               |                    |               |                    |                    |                |                    |                    | MT/yr         |                |                |                    |               |                |
| Archit. Coating | 1.3454        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road        | 0.0197        | 0.1321        | 0.2087        | 3.4000e-004        |               | 5.9400e-003        | 5.9400e-003        |                | 5.9400e-003        | 5.9400e-003        | 0.0000        | 29.4475        | 29.4475        | 1.6100e-003        | 0.0000        | 29.4877        |
| <b>Total</b>    | <b>1.3651</b> | <b>0.1321</b> | <b>0.2087</b> | <b>3.4000e-004</b> |               | <b>5.9400e-003</b> | <b>5.9400e-003</b> |                | <b>5.9400e-003</b> | <b>5.9400e-003</b> | <b>0.0000</b> | <b>29.4475</b> | <b>29.4475</b> | <b>1.6100e-003</b> | <b>0.0000</b> | <b>29.4877</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.5 Architectural Coating - 2025****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       | 0.0599        | 0.0436        | 0.6376        | 1.9300e-003        | 0.2370        | 1.3300e-003        | 0.2383        | 0.0629         | 1.2200e-003        | 0.0642        | 0.0000        | 177.0612        | 177.0612        | 4.1000e-003        | 4.2600e-003        | 178.4334        |
| <b>Total</b> | <b>0.0599</b> | <b>0.0436</b> | <b>0.6376</b> | <b>1.9300e-003</b> | <b>0.2370</b> | <b>1.3300e-003</b> | <b>0.2383</b> | <b>0.0629</b>  | <b>1.2200e-003</b> | <b>0.0642</b> | <b>0.0000</b> | <b>177.0612</b> | <b>177.0612</b> | <b>4.1000e-003</b> | <b>4.2600e-003</b> | <b>178.4334</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 | 1.3454        |               |               |                    |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             | 0.0000        | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road        | 0.0197        | 0.1321        | 0.2087        | 3.4000e-004        |               | 5.9400e-003        | 5.9400e-003        |                | 5.9400e-003        | 5.9400e-003        | 0.0000        | 29.4475        | 29.4475        | 1.6100e-003        | 0.0000        | 29.4877        |
| <b>Total</b>    | <b>1.3651</b> | <b>0.1321</b> | <b>0.2087</b> | <b>3.4000e-004</b> |               | <b>5.9400e-003</b> | <b>5.9400e-003</b> |                | <b>5.9400e-003</b> | <b>5.9400e-003</b> | <b>0.0000</b> | <b>29.4475</b> | <b>29.4475</b> | <b>1.6100e-003</b> | <b>0.0000</b> | <b>29.4877</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.5 Architectural Coating - 2025****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       | 0.0599        | 0.0436        | 0.6376        | 1.9300e-003        | 0.0727        | 1.3300e-003        | 0.0740        | 0.0226         | 1.2200e-003        | 0.0238        | 0.0000        | 177.0612        | 177.0612        | 4.1000e-003        | 4.2600e-003        | 178.4334        |
| <b>Total</b> | <b>0.0599</b> | <b>0.0436</b> | <b>0.6376</b> | <b>1.9300e-003</b> | <b>0.0727</b> | <b>1.3300e-003</b> | <b>0.0740</b> | <b>0.0226</b>  | <b>1.2200e-003</b> | <b>0.0238</b> | <b>0.0000</b> | <b>177.0612</b> | <b>177.0612</b> | <b>4.1000e-003</b> | <b>4.2600e-003</b> | <b>178.4334</b> |

**4.0 Operational Detail - Mobile****4.1 Mitigation Measures Mobile**

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

|             | ROG     | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|-------------|---------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category    | tons/yr |        |        |        |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Mitigated   | 0.9470  | 0.9930 | 9.0406 | 0.0191 | 2.0686        | 0.0142       | 2.0827     | 0.5519         | 0.0131        | 0.5650      | 0.0000   | 1,762.6048 | 1,762.6048 | 0.1297 | 0.0805 | 1,789.8305 |
| Unmitigated | 0.9470  | 0.9930 | 9.0406 | 0.0191 | 2.0686        | 0.0142       | 2.0827     | 0.5519         | 0.0131        | 0.5650      | 0.0000   | 1,762.6048 | 1,762.6048 | 0.1297 | 0.0805 | 1,789.8305 |

## 4.2 Trip Summary Information

|                                     | Average Daily Trip Rate |          |          | Unmitigated | Mitigated  |
|-------------------------------------|-------------------------|----------|----------|-------------|------------|
| Land Use                            | Weekday                 | Saturday | Sunday   | Annual VMT  | Annual VMT |
| Apartments High Rise                | 1,290.50                | 1,313.70 | 1041.10  | 4,299,412   | 4,299,412  |
| High Turnover (Sit Down Restaurant) | 841.35                  | 918.00   | 1069.80  | 1,206,017   | 1,206,017  |
| Unenclosed Parking with Elevator    | 0.00                    | 0.00     | 0.00     |             |            |
| Total                               | 2,131.85                | 2,231.70 | 2,110.90 | 5,505,429   | 5,505,429  |

## 4.3 Trip Type Information

|                                     | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|-------------------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                            | 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 High Rise                | 14.70      | 5.90       | 8.70        | 40.20      | 19.20      | 40.60       | 86             | 11       | 3       |
| High Turnover (Sit Down Restaurant) | 16.60      | 8.40       | 6.90        | 8.50       | 72.50      | 19.00       | 37             | 20       | 43      |
| Unenclosed Parking with Elevator    | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

## 4.4 Fleet Mix

| Land Use                            | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Apartments High Rise                | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
| High Turnover (Sit Down Restaurant) | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

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

|                                  |          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Unenclosed Parking with Elevator | 0.540171 | 0.064547 | 0.189075 | 0.126673 | 0.023412 | 0.006384 | 0.010926 | 0.008089 | 0.000929 | 0.000597 | 0.025155 | 0.000706 | 0.003335 |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

**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   | 576.5721  | 576.5721  | 0.0275      | 3.3300e-003 | 578.2527 |
| Electricity Unmitigated |         |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 576.5721  | 576.5721  | 0.0275      | 3.3300e-003 | 578.2527 |
| NaturalGas Mitigated    | 0.0234  | 0.2051 | 0.1224 | 1.2800e-003 |               | 0.0162       | 0.0162     |                | 0.0162        | 0.0162      | 0.0000   | 231.6313  | 231.6313  | 4.4400e-003 | 4.2500e-003 | 233.0078 |
| NaturalGas Unmitigated  | 0.0234  | 0.2051 | 0.1224 | 1.2800e-003 |               | 0.0162       | 0.0162     |                | 0.0162        | 0.0162      | 0.0000   | 231.6313  | 231.6313  | 4.4400e-003 | 4.2500e-003 | 233.0078 |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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         |                 |                 |                    |                    |                 |
| Apartments High Rise                | 2.61313e+006   | 0.0141        | 0.1204        | 0.0512        | 7.7000e-004        |               | 9.7400e-003   | 9.7400e-003   |                | 9.7400e-003   | 9.7400e-003   | 0.0000        | 139.4467        | 139.4467        | 2.6700e-003        | 2.5600e-003        | 140.2753        |
| High Turnover (Sit Down Restaurant) | 1.72747e+006   | 9.3100e-003   | 0.0847        | 0.0711        | 5.1000e-004        |               | 6.4400e-003   | 6.4400e-003   |                | 6.4400e-003   | 6.4400e-003   | 0.0000        | 92.1846         | 92.1846         | 1.7700e-003        | 1.6900e-003        | 92.7325         |
| 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             | 0.0000          |
| <b>Total</b>                        |                | <b>0.0234</b> | <b>0.2051</b> | <b>0.1224</b> | <b>1.2800e-003</b> |               | <b>0.0162</b> | <b>0.0162</b> |                | <b>0.0162</b> | <b>0.0162</b> | <b>0.0000</b> | <b>231.6313</b> | <b>231.6313</b> | <b>4.4400e-003</b> | <b>4.2500e-003</b> | <b>233.0078</b> |

## 1050 La Cienega Blvd - Los Angeles-South Coast County, Annual

**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        | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |                    |                    |                 |
| Apartments High Rise                | 2.61313e+006   | 0.0141        | 0.1204        | 0.0512        | 7.7000e-004        |               | 9.7400e-003   | 9.7400e-003   |                | 9.7400e-003   | 9.7400e-003   | 0.0000        | 139.4467        | 139.4467        | 2.6700e-003        | 2.5600e-003        | 140.2753        |
| High Turnover (Sit Down Restaurant) | 1.72747e+006   | 9.3100e-003   | 0.0847        | 0.0711        | 5.1000e-004        |               | 6.4400e-003   | 6.4400e-003   |                | 6.4400e-003   | 6.4400e-003   | 0.0000        | 92.1846         | 92.1846         | 1.7700e-003        | 1.6900e-003        | 92.7325         |
| 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             | 0.0000          |
| <b>Total</b>                        |                | <b>0.0234</b> | <b>0.2051</b> | <b>0.1224</b> | <b>1.2800e-003</b> |               | <b>0.0162</b> | <b>0.0162</b> |                | <b>0.0162</b> | <b>0.0162</b> | <b>0.0000</b> | <b>231.6313</b> | <b>231.6313</b> | <b>4.4400e-003</b> | <b>4.2500e-003</b> | <b>233.0078</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****5.3 Energy by Land Use - Electricity****Unmitigated**

|                                        | Electricity<br>Use | Total CO2       | CH4             | N2O                     | CO2e            |
|----------------------------------------|--------------------|-----------------|-----------------|-------------------------|-----------------|
| Land Use                               | kWh/yr             | MT/yr           |                 |                         |                 |
| Apartments High<br>Rise                | 1.11087e<br>+006   | 348.6767        | 0.0166          | 2.0200e-<br>003         | 349.6931        |
| High Turnover (Sit<br>Down Restaurant) | 324525             | 101.8609        | 4.8600e-<br>003 | 5.9000e-<br>004         | 102.1578        |
| Unenclosed<br>Parking with<br>Elevator | 401541             | 126.0345        | 6.0100e-<br>003 | 7.3000e-<br>004         | 126.4019        |
| <b>Total</b>                           |                    | <b>576.5721</b> | <b>0.0275</b>   | <b>3.3400e-<br/>003</b> | <b>578.2527</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****5.3 Energy by Land Use - Electricity****Mitigated**

|                                     | Electricity Use | Total CO2       | CH4           | N2O                | CO2e            |
|-------------------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| Land Use                            | kWh/yr          | MT/yr           |               |                    |                 |
| Apartments High Rise                | 1.11087e+006    | 348.6767        | 0.0166        | 2.0200e-003        | 349.6931        |
| High Turnover (Sit Down Restaurant) | 324525          | 101.8609        | 4.8600e-003   | 5.9000e-004        | 102.1578        |
| Unenclosed Parking with Elevator    | 401541          | 126.0345        | 6.0100e-003   | 7.3000e-004        | 126.4019        |
| <b>Total</b>                        |                 | <b>576.5721</b> | <b>0.0275</b> | <b>3.3400e-003</b> | <b>578.2527</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 Not Applied**

|             | ROG     | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e   |
|-------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category    | tons/yr |        |        |             |               |              |            |                |               |             | MT/yr    |           |           |             |        |        |
| Mitigated   | 1.7458  | 0.0345 | 2.9936 | 1.6000e-004 |               | 0.0166       | 0.0166     |                | 0.0166        | 0.0166      | 0.0000   | 4.8965    | 4.8965    | 4.7100e-003 | 0.0000 | 5.0142 |
| Unmitigated | 1.7458  | 0.0345 | 2.9936 | 1.6000e-004 |               | 0.0166       | 0.0166     |                | 0.0166        | 0.0166      | 0.0000   | 4.8965    | 4.8965    | 4.7100e-003 | 0.0000 | 5.0142 |

**6.2 Area by SubCategory****Unmitigated**

|                       | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |               |               |                    |               |               |
| Architectural Coating | 0.1345        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     | 1.5210        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0902        | 0.0345        | 2.9936        | 1.6000e-004        |               | 0.0166        | 0.0166        |                | 0.0166        | 0.0166        | 0.0000        | 4.8965        | 4.8965        | 4.7100e-003        | 0.0000        | 5.0142        |
| <b>Total</b>          | <b>1.7458</b> | <b>0.0345</b> | <b>2.9936</b> | <b>1.6000e-004</b> |               | <b>0.0166</b> | <b>0.0166</b> |                | <b>0.0166</b> | <b>0.0166</b> | <b>0.0000</b> | <b>4.8965</b> | <b>4.8965</b> | <b>4.7100e-003</b> | <b>0.0000</b> | <b>5.0142</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 | 0.1345        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     | 1.5210        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Hearth                | 0.0000        | 0.0000        | 0.0000        | 0.0000             |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           | 0.0902        | 0.0345        | 2.9936        | 1.6000e-004        |               | 0.0166        | 0.0166        |                | 0.0166        | 0.0166        | 0.0000        | 4.8965        | 4.8965        | 4.7100e-003        | 0.0000        | 5.0142        |
| <b>Total</b>          | <b>1.7458</b> | <b>0.0345</b> | <b>2.9936</b> | <b>1.6000e-004</b> |               | <b>0.0166</b> | <b>0.0166</b> |                | <b>0.0166</b> | <b>0.0166</b> | <b>0.0000</b> | <b>4.8965</b> | <b>4.8965</b> | <b>4.7100e-003</b> | <b>0.0000</b> | <b>5.0142</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   | 135.2884  | 0.6960 | 0.0170 | 157.7639 |
| Unmitigated | 135.2884  | 0.6960 | 0.0170 | 157.7639 |

**7.2 Water by Land Use****Unmitigated**

|                                     | Indoor/Outdoor Use | Total CO2       | CH4           | N2O           | CO2e            |
|-------------------------------------|--------------------|-----------------|---------------|---------------|-----------------|
| Land Use                            | Mgal               | MT/yr           |               |               |                 |
| Apartments High Rise                | 18.8947 / 11.9119  | 124.7554        | 0.6214        | 0.0152        | 144.8259        |
| High Turnover (Sit Down Restaurant) | 2.2765 / 0.145309  | 10.5330         | 0.0747        | 1.8100e-003   | 12.9381         |
| Unenclosed Parking with Elevator    | 0 / 0              | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| <b>Total</b>                        |                    | <b>135.2884</b> | <b>0.6960</b> | <b>0.0170</b> | <b>157.7639</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           |               |               |                 |
| Apartments High Rise                | 18.8947 / 11.9119  | 124.7554        | 0.6214        | 0.0152        | 144.8259        |
| High Turnover (Sit Down Restaurant) | 2.2765 / 0.145309  | 10.5330         | 0.0747        | 1.8100e-003   | 12.9381         |
| Unenclosed Parking with Elevator    | 0 / 0              | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| <b>Total</b>                        |                    | <b>135.2884</b> | <b>0.6960</b> | <b>0.0170</b> | <b>157.7639</b> |

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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

|             | Total CO2 | CH4    | N2O    | CO2e     |
|-------------|-----------|--------|--------|----------|
|             | MT/yr     |        |        |          |
| Mitigated   | 45.1959   | 2.6710 | 0.0000 | 111.9710 |
| Unmitigated | 45.1959   | 2.6710 | 0.0000 | 111.9710 |

**8.2 Waste by Land Use****Unmitigated**

|                                     | Waste Disposed | Total CO2      | CH4           | N2O           | CO2e            |
|-------------------------------------|----------------|----------------|---------------|---------------|-----------------|
| Land Use                            | tons           | MT/yr          |               |               |                 |
| Apartments High Rise                | 133.4          | 27.0790        | 1.6003        | 0.0000        | 67.0871         |
| High Turnover (Sit Down Restaurant) | 89.25          | 18.1169        | 1.0707        | 0.0000        | 44.8840         |
| Unenclosed Parking with Elevator    | 0              | 0.0000         | 0.0000        | 0.0000        | 0.0000          |
| <b>Total</b>                        |                | <b>45.1959</b> | <b>2.6710</b> | <b>0.0000</b> | <b>111.9710</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****8.2 Waste by Land Use****Mitigated**

|                                        | Waste<br>Disposed | Total CO2      | CH4           | N2O           | CO2e            |
|----------------------------------------|-------------------|----------------|---------------|---------------|-----------------|
| Land Use                               | tons              | MT/yr          |               |               |                 |
| Apartments High<br>Rise                | 133.4             | 27.0790        | 1.6003        | 0.0000        | 67.0871         |
| High Turnover (Sit<br>Down Restaurant) | 89.25             | 18.1169        | 1.0707        | 0.0000        | 44.8840         |
| Unenclosed<br>Parking with<br>Elevator | 0                 | 0.0000         | 0.0000        | 0.0000        | 0.0000          |
| <b>Total</b>                           |                   | <b>45.1959</b> | <b>2.6710</b> | <b>0.0000</b> | <b>111.9710</b> |

**9.0 Operational Offroad**

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**10.0 Stationary Equipment****Fire Pumps and Emergency Generators**

| Equipment Type | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

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

## **11.0 Vegetation**

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

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1.0 Project Characteristics

1.1 Land Usage

| Land Uses                  | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 1.83 | Acre   | 1.83        | 79,714.80          | 0          |

1.2 Other Project Characteristics

|                         |                                         |                         |       |                           |       |
|-------------------------|-----------------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization            | Urban                                   | Wind Speed (m/s)        | 2.2   | Precipitation Freq (Days) | 33    |
| Climate Zone            | 11                                      |                         |       | Operational Year          | 2024  |
| Utility Company         | Los Angeles Department of Water & Power |                         |       |                           |       |
| CO2 Intensity (lb/MWhr) | 691.98                                  | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr)   | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Haul day construction analysis only.

Land Use -

Construction Phase - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Trips and VMT - Assumes 14 CY truck capacity.

Grading - Haul day construction analysis only.

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

| Table Name             | Column Name                    | Default Value | New Value |
|------------------------|--------------------------------|---------------|-----------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80        |
| tblConstructionPhase   | NumDays                        | 4.00          | 1.00      |

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

|                     |                            |        |          |
|---------------------|----------------------------|--------|----------|
| tblGrading          | AcresOfGrading             | 0.00   | 1.83     |
| tblGrading          | MaterialExported           | 0.00   | 1,750.00 |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00   | 0.00     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00   | 0.00     |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00   | 0.00     |
| tblTripsAndVMT      | HaulingTripLength          | 20.00  | 40.00    |
| tblTripsAndVMT      | HaulingTripNumber          | 219.00 | 250.00   |
| tblTripsAndVMT      | WorkerTripNumber           | 5.00   | 40.00    |

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 Not Applied****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    |           |           |             |             |         |
| 2023    | 6.5000e-004 | 0.0337 | 0.0108 | 1.5000e-004 | 5.5900e-003   | 2.8000e-004  | 5.8700e-003 | 1.3600e-003    | 2.7000e-004   | 1.6300e-003 | 0.0000   | 14.8901   | 14.8901   | 9.5000e-004 | 2.2700e-003 | 15.5900 |
| Maximum | 6.5000e-004 | 0.0337 | 0.0108 | 1.5000e-004 | 5.5900e-003   | 2.8000e-004  | 5.8700e-003 | 1.3600e-003    | 2.7000e-004   | 1.6300e-003 | 0.0000   | 14.8901   | 14.8901   | 9.5000e-004 | 2.2700e-003 | 15.5900 |

**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    |           |           |             |             |         |
| 2023    | 6.5000e-004 | 0.0337 | 0.0108 | 1.5000e-004 | 2.2000e-003   | 2.8000e-004  | 2.4800e-003 | 6.1000e-004    | 2.7000e-004   | 8.8000e-004 | 0.0000   | 14.8901   | 14.8901   | 9.5000e-004 | 2.2700e-003 | 15.5900 |
| Maximum | 6.5000e-004 | 0.0337 | 0.0108 | 1.5000e-004 | 2.2000e-003   | 2.8000e-004  | 2.4800e-003 | 6.1000e-004    | 2.7000e-004   | 8.8000e-004 | 0.0000   | 14.8901   | 14.8901   | 9.5000e-004 | 2.2700e-003 | 15.5900 |

|                   | ROG  | NOx  | CO   | SO2  | 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 | 60.64         | 0.00         | 57.75      | 55.15          | 0.00          | 46.01       | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00 |

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

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------|----------------------------------------------|--------------------------------------------|
| 1       | 1-2-2023   | 4-1-2023 | 0.0242                                       | 0.0242                                     |
|         |            | Highest  | 0.0242                                       | 0.0242                                     |

**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         | 6.2600e-003        | 0.0000        | 2.0000e-005        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 5.0000e-005        | 5.0000e-005        | 0.0000        | 0.0000        | 5.0000e-005        |
| Energy       | 0.0000             | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Waste        |                    |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Water        |                    |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| <b>Total</b> | <b>6.2600e-003</b> | <b>0.0000</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> |

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

## 2.2 Overall Operational

Mitigated Operational

|              | ROG                | NOx           | CO                 | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | tons/yr            |               |                    |               |               |               |               |                |               |               | MT/yr         |                    |                    |               |               |                    |
| Area         | 6.2600e-003        | 0.0000        | 2.0000e-005        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 5.0000e-005        | 5.0000e-005        | 0.0000        | 0.0000        | 5.0000e-005        |
| Energy       | 0.0000             | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Waste        |                    |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Water        |                    |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| <b>Total</b> | <b>6.2600e-003</b> | <b>0.0000</b> | <b>2.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> |

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

## 3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|------------|------------|------------|----------|---------------|----------|-------------------|
| 1            | Haul Day   | Grading    | 1/2/2023   | 1/2/2023 | 5             | 1        |                   |

Acres of Grading (Site Preparation Phase): 0

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 1.83****Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------|---------------------------|--------|-------------|-------------|-------------|
| Haul Day   | Excavators                | 2      | 8.00        | 158         | 0.38        |
| Haul Day   | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Haul Day   | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Haul Day   | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |

**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 |
|------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Haul Day   | 2                       | 40.00              | 0.00               | 250.00              | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Water Exposed Area

Clean Paved Roads

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 2023****Unmitigated Construction On-Site**

|               | ROG                | NOx                | CO                 | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category      | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Fugitive Dust |                    |                    |                    |                    | 1.0700e-003        | 0.0000             | 1.0700e-003        | 1.2000e-004        | 0.0000             | 1.2000e-004        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 1.9000e-004        | 1.5500e-003        | 3.2600e-003        | 1.0000e-005        |                    | 8.0000e-005        | 8.0000e-005        |                    | 7.0000e-005        | 7.0000e-005        | 0.0000        | 0.4537        | 0.4537        | 1.5000e-004        | 0.0000        | 0.4574        |
| <b>Total</b>  | <b>1.9000e-004</b> | <b>1.5500e-003</b> | <b>3.2600e-003</b> | <b>1.0000e-005</b> | <b>1.0700e-003</b> | <b>8.0000e-005</b> | <b>1.1500e-003</b> | <b>1.2000e-004</b> | <b>7.0000e-005</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.4537</b> | <b>0.4537</b> | <b>1.5000e-004</b> | <b>0.0000</b> | <b>0.4574</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     | tons/yr            |               |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |                    |                |
| Hauling      | 4.0000e-004        | 0.0321        | 6.8600e-003        | 1.4000e-004        | 4.3000e-003        | 2.0000e-004        | 4.5000e-003        | 1.1800e-003        | 2.0000e-004        | 1.3800e-003        | 0.0000        | 14.2619        | 14.2619        | 7.9000e-004        | 2.2700e-003        | 14.9568        |
| 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       | 6.0000e-005        | 5.0000e-005   | 6.8000e-004        | 0.0000             | 2.2000e-004        | 0.0000             | 2.2000e-004        | 6.0000e-005        | 0.0000             | 6.0000e-005        | 0.0000        | 0.1745         | 0.1745         | 0.0000             | 0.0000             | 0.1759         |
| <b>Total</b> | <b>4.6000e-004</b> | <b>0.0321</b> | <b>7.5400e-003</b> | <b>1.4000e-004</b> | <b>4.5200e-003</b> | <b>2.0000e-004</b> | <b>4.7200e-003</b> | <b>1.2400e-003</b> | <b>2.0000e-004</b> | <b>1.4400e-003</b> | <b>0.0000</b> | <b>14.4364</b> | <b>14.4364</b> | <b>7.9000e-004</b> | <b>2.2700e-003</b> | <b>15.1327</b> |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 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      | tons/yr            |                    |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |               |               |                    |               |               |
| Fugitive Dust |                    |                    |                    |                    | 4.2000e-004        | 0.0000             | 4.2000e-004        | 5.0000e-005        | 0.0000             | 5.0000e-005        | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Off-Road      | 1.9000e-004        | 1.5500e-003        | 3.2600e-003        | 1.0000e-005        |                    | 8.0000e-005        | 8.0000e-005        |                    | 7.0000e-005        | 7.0000e-005        | 0.0000        | 0.4537        | 0.4537        | 1.5000e-004        | 0.0000        | 0.4574        |
| <b>Total</b>  | <b>1.9000e-004</b> | <b>1.5500e-003</b> | <b>3.2600e-003</b> | <b>1.0000e-005</b> | <b>4.2000e-004</b> | <b>8.0000e-005</b> | <b>5.0000e-004</b> | <b>5.0000e-005</b> | <b>7.0000e-005</b> | <b>1.2000e-004</b> | <b>0.0000</b> | <b>0.4537</b> | <b>0.4537</b> | <b>1.5000e-004</b> | <b>0.0000</b> | <b>0.4574</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     | tons/yr            |               |                    |                    |                    |                    |                    |                    |                    |                    | MT/yr         |                |                |                    |                    |                |
| Hauling      | 4.0000e-004        | 0.0321        | 6.8600e-003        | 1.4000e-004        | 1.7100e-003        | 2.0000e-004        | 1.9200e-003        | 5.5000e-004        | 2.0000e-004        | 7.4000e-004        | 0.0000        | 14.2619        | 14.2619        | 7.9000e-004        | 2.2700e-003        | 14.9568        |
| 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       | 6.0000e-005        | 5.0000e-005   | 6.8000e-004        | 0.0000             | 7.0000e-005        | 0.0000             | 7.0000e-005        | 2.0000e-005        | 0.0000             | 2.0000e-005        | 0.0000        | 0.1745         | 0.1745         | 0.0000             | 0.0000             | 0.1759         |
| <b>Total</b> | <b>4.6000e-004</b> | <b>0.0321</b> | <b>7.5400e-003</b> | <b>1.4000e-004</b> | <b>1.7800e-003</b> | <b>2.0000e-004</b> | <b>1.9900e-003</b> | <b>5.7000e-004</b> | <b>2.0000e-004</b> | <b>7.6000e-004</b> | <b>0.0000</b> | <b>14.4364</b> | <b>14.4364</b> | <b>7.9000e-004</b> | <b>2.2700e-003</b> | <b>15.1327</b> |

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## 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    | tons/yr |        |        |        |               |              |            |                |               |             | MT/yr    |           |           |        |        |        |
| Mitigated   | 0.0000  | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      | 0.0000   | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| Unmitigated | 0.0000  | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      | 0.0000   | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

## 4.2 Trip Summary Information

|                            | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|----------------------------|-------------------------|----------|--------|-------------|------------|
| Land Use                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Other Non-Asphalt Surfaces | 0.00                    | 0.00     | 0.00   |             |            |
| Total                      | 0.00                    | 0.00     | 0.00   |             |            |

## 4.3 Trip Type Information

|                            | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|----------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                   | 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 |
| Other Non-Asphalt Surfaces | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

## 4.4 Fleet Mix

| Land Use                   | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Other Non-Asphalt Surfaces | 0.542464 | 0.063735 | 0.188241 | 0.126899 | 0.023249 | 0.006239 | 0.010717 | 0.008079 | 0.000923 | 0.000604 | 0.024795 | 0.000702 | 0.003352 |

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

Historical Energy Use: N

## 5.1 Mitigation Measures Energy

[illegible]

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

### Unmitigated

[illegible]

**Mitigated**

[illegible]

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****5.3 Energy by Land Use - Electricity****Unmitigated**

|                            | Electricity Use | Total CO2     | CH4           | N2O           | CO2e          |
|----------------------------|-----------------|---------------|---------------|---------------|---------------|
| Land Use                   | kWh/yr          | MT/yr         |               |               |               |
| Other Non-Asphalt Surfaces | 0               | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                 | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

**Mitigated**

|                            | Electricity Use | Total CO2     | CH4           | N2O           | CO2e          |
|----------------------------|-----------------|---------------|---------------|---------------|---------------|
| Land Use                   | kWh/yr          | MT/yr         |               |               |               |
| Other Non-Asphalt Surfaces | 0               | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                 | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</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 Not Applied**

|             | ROG         | NOx    | CO          | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2   | Total CO2   | CH4    | N2O    | CO2e        |
|-------------|-------------|--------|-------------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-------------|-------------|--------|--------|-------------|
| Category    | tons/yr     |        |             |        |               |              |            |                |               |             | MT/yr    |             |             |        |        |             |
| Mitigated   | 6.2600e-003 | 0.0000 | 2.0000e-005 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 5.0000e-005 | 5.0000e-005 | 0.0000 | 0.0000 | 5.0000e-005 |
| Unmitigated | 6.2600e-003 | 0.0000 | 2.0000e-005 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      | 0.0000   | 5.0000e-005 | 5.0000e-005 | 0.0000 | 0.0000 | 5.0000e-005 |

**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 | 1.1100e-003        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Consumer Products     | 5.1500e-003        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Landscaping           | 0.0000             | 0.0000        | 2.0000e-005        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 5.0000e-005        | 5.0000e-005        | 0.0000        | 0.0000        | 5.0000e-005        |
| <b>Total</b>          | <b>6.2600e-003</b> | <b>0.0000</b> | <b>2.0000e-005</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</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 | 1.1100e-003        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Consumer Products     | 5.1500e-003        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Landscaping           | 0.0000             | 0.0000        | 2.0000e-005        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 0.0000        | 5.0000e-005        | 5.0000e-005        | 0.0000        | 0.0000        | 5.0000e-005        |
| <b>Total</b>          | <b>6.2600e-003</b> | <b>0.0000</b> | <b>2.0000e-005</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</b> | <b>5.0000e-005</b> | <b>0.0000</b> | <b>0.0000</b> | <b>5.0000e-005</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   | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| Unmitigated | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

**7.2 Water by Land Use****Unmitigated**

|                            | Indoor/Outdoor Use | Total CO2     | CH4           | N2O           | CO2e          |
|----------------------------|--------------------|---------------|---------------|---------------|---------------|
| Land Use                   | Mgal               | MT/yr         |               |               |               |
| Other Non-Asphalt Surfaces | 0 / 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                    | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</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         |               |               |               |
| Other Non-Asphalt Surfaces | 0 / 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                    | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

**8.0 Waste Detail****8.1 Mitigation Measures Waste****Category/Year**

|             | Total CO2 | CH4    | N2O    | CO2e   |
|-------------|-----------|--------|--------|--------|
|             | MT/yr     |        |        |        |
| Mitigated   | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| Unmitigated | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****8.2 Waste by Land Use****Unmitigated**

|                            | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e          |
|----------------------------|----------------|---------------|---------------|---------------|---------------|
| Land Use                   | tons           | MT/yr         |               |               |               |
| Other Non-Asphalt Surfaces | 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

**Mitigated**

|                            | Waste Disposed | Total CO2     | CH4           | N2O           | CO2e          |
|----------------------------|----------------|---------------|---------------|---------------|---------------|
| Land Use                   | tons           | MT/yr         |               |               |               |
| Other Non-Asphalt Surfaces | 0              | 0.0000        | 0.0000        | 0.0000        | 0.0000        |
| <b>Total</b>               |                | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

**9.0 Operational Offroad**

| 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 |
|----------------|--------|-----------|------------|-------------|-------------|-----------|

Boilers

|                |        |                |                 |               |           |
|----------------|--------|----------------|-----------------|---------------|-----------|
| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|

User Defined Equipment

|                |        |
|----------------|--------|
| Equipment Type | Number |
|----------------|--------|

11.0 Vegetation

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1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

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

1050 La Cienega - Haul Day  
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

| Land Uses                  | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 1.83 | Acre   | 1.83        | 79,714.80          | 0          |

1.2 Other Project Characteristics

|                         |                                         |                         |       |                           |       |
|-------------------------|-----------------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization            | Urban                                   | Wind Speed (m/s)        | 2.2   | Precipitation Freq (Days) | 33    |
| Climate Zone            | 11                                      |                         |       | Operational Year          | 2024  |
| Utility Company         | Los Angeles Department of Water & Power |                         |       |                           |       |
| CO2 Intensity (lb/MWhr) | 691.98                                  | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr)   | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Haul day construction analysis only.

Land Use -

Construction Phase - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Grading - Haul day construction analysis only.

Trips and VMT - Assumes 14 CY truck capacity.

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

| Table Name             | Column Name                    | Default Value | New Value |
|------------------------|--------------------------------|---------------|-----------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80        |
| tblConstructionPhase   | NumDays                        | 4.00          | 1.00      |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

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

|                      |                            |          |            |
|----------------------|----------------------------|----------|------------|
| tblConstructionPhase | PhaseEndDate               | 2/6/2023 | 1/2/2023   |
| tblConstructionPhase | PhaseStartDate             | 2/1/2023 | 1/2/2023   |
| tblGrading           | AcresOfGrading             | 0.00     | 1.83       |
| tblGrading           | MaterialExported           | 0.00     | 1,750.00   |
| tblOffRoadEquipment  | OffRoadEquipmentType       |          | Excavators |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 1.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 1.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 2.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 0.00     | 2.00       |
| tblOffRoadEquipment  | PhaseName                  |          | Haul Day   |
| tblTripsAndVMT       | HaulingTripLength          | 20.00    | 40.00      |
| tblTripsAndVMT       | HaulingTripNumber          | 219.00   | 250.00     |
| tblTripsAndVMT       | WorkerTripNumber           | 5.00     | 40.00      |

**2.0 Emissions Summary**

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## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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    | 1.3202 | 63.9315 | 21.6498 | 0.3002 | 11.3325       | 0.5633       | 11.8958    | 2.7557         | 0.5333        | 3.2890      | 0.0000   | 32,835.29<br>95 | 32,835.29<br>95 | 2.0844 | 5.0016 | 34,377.88<br>11 |
| Maximum | 1.3202 | 63.9315 | 21.6498 | 0.3002 | 11.3325       | 0.5633       | 11.8958    | 2.7557         | 0.5333        | 3.2890      | 0.0000   | 32,835.29<br>95 | 32,835.29<br>95 | 2.0844 | 5.0016 | 34,377.88<br>11 |

**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    | 1.3202 | 63.9315 | 21.6498 | 0.3002 | 4.4285        | 0.5633       | 4.9918     | 1.2352         | 0.5333        | 1.7685      | 0.0000   | 32,835.29<br>95 | 32,835.29<br>95 | 2.0844 | 5.0016 | 34,377.88<br>11 |
| Maximum | 1.3202 | 63.9315 | 21.6498 | 0.3002 | 4.4285        | 0.5633       | 4.9918     | 1.2352         | 0.5333        | 1.7685      | 0.0000   | 32,835.29<br>95 | 32,835.29<br>95 | 2.0844 | 5.0016 | 34,377.88<br>11 |

|                   | ROG  | NOx  | CO   | SO2  | 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 | 60.92         | 0.00         | 58.04      | 55.18          | 0.00          | 46.23       | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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         | 0.0343        | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |               | 4.3000e-004        |
| Energy       | 0.0000        | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000        | 0.0000        | 0.0000             | 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>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>4.3000e-004</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         | 0.0343        | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |               | 4.3000e-004        |
| Energy       | 0.0000        | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000        | 0.0000        | 0.0000             | 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>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>4.3000e-004</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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            | Haul Day   | Grading    | 1/2/2023   | 1/2/2023 | 5             | 1        |                   |

**Acres of Grading (Site Preparation Phase): 0****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 1.83****Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------|---------------------------|--------|-------------|-------------|-------------|
| Haul Day   | Excavators                | 2      | 8.00        | 158         | 0.38        |
| Haul Day   | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Haul Day   | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Haul Day   | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |

**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 |
|------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Haul Day   | 2                       | 40.00              | 0.00               | 250.00              | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

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

Water Exposed Area

Clean Paved Roads

**3.2 Haul Day - 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 |               |               |               |               | 2.1386        | 0.0000        | 2.1386        | 0.2395         | 0.0000        | 0.2395        |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 0.3774        | 3.0973        | 6.5155        | 0.0103        |               | 0.1516        | 0.1516        |                | 0.1395        | 0.1395        |          | 1,000.211<br>3         | 1,000.211<br>3         | 0.3235        |     | 1,008.298<br>5         |
| <b>Total</b>  | <b>0.3774</b> | <b>3.0973</b> | <b>6.5155</b> | <b>0.0103</b> | <b>2.1386</b> | <b>0.1516</b> | <b>2.2902</b> | <b>0.2395</b>  | <b>0.1395</b> | <b>0.3790</b> |          | <b>1,000.211<br/>3</b> | <b>1,000.211<br/>3</b> | <b>0.3235</b> |     | <b>1,008.298<br/>5</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2               | Total CO2               | CH4           | N2O           | CO2e                    |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-------------------------|-------------------------|---------------|---------------|-------------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                         |                         |               |               |                         |
| Hauling      | 0.8148        | 60.7450        | 13.6887        | 0.2859        | 8.7468        | 0.4090        | 9.1558        | 2.3976         | 0.3913        | 2.7889        |          | 31,435.05<br>81         | 31,435.05<br>81         | 1.7508        | 4.9924        | 32,966.54<br>92         |
| 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       | 0.1280        | 0.0892         | 1.4456         | 3.9600e-003   | 0.4471        | 2.6900e-003   | 0.4498        | 0.1186         | 2.4800e-003   | 0.1211        |          | 400.0302                | 400.0302                | 0.0101        | 9.2300e-003   | 403.0334                |
| <b>Total</b> | <b>0.9428</b> | <b>60.8343</b> | <b>15.1343</b> | <b>0.2899</b> | <b>9.1939</b> | <b>0.4117</b> | <b>9.6056</b> | <b>2.5162</b>  | <b>0.3938</b> | <b>2.9100</b> |          | <b>31,835.08<br/>83</b> | <b>31,835.08<br/>83</b> | <b>1.7609</b> | <b>5.0016</b> | <b>33,369.58<br/>26</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2              | Total CO2              | CH4           | N2O | CO2e                   |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------------|------------------------|---------------|-----|------------------------|
| Category      | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                        |                        |               |     |                        |
| Fugitive Dust |               |               |               |               | 0.8341        | 0.0000        | 0.8341        | 0.0934         | 0.0000        | 0.0934        |               |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 0.3774        | 3.0973        | 6.5155        | 0.0103        |               | 0.1516        | 0.1516        |                | 0.1395        | 0.1395        | 0.0000        | 1,000.211<br>3         | 1,000.211<br>3         | 0.3235        |     | 1,008.298<br>5         |
| <b>Total</b>  | <b>0.3774</b> | <b>3.0973</b> | <b>6.5155</b> | <b>0.0103</b> | <b>0.8341</b> | <b>0.1516</b> | <b>0.9857</b> | <b>0.0934</b>  | <b>0.1395</b> | <b>0.2329</b> | <b>0.0000</b> | <b>1,000.211<br/>3</b> | <b>1,000.211<br/>3</b> | <b>0.3235</b> |     | <b>1,008.298<br/>5</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |               |                    |
| Hauling      | 0.8148        | 60.7450        | 13.6887        | 0.2859        | 3.4583        | 0.4090        | 3.8673        | 1.0996         | 0.3913        | 1.4909        |          | 31,435.0581        | 31,435.0581        | 1.7508        | 4.9924        | 32,966.5492        |
| 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       | 0.1280        | 0.0892         | 1.4456         | 3.9600e-003   | 0.1362        | 2.6900e-003   | 0.1388        | 0.0423         | 2.4800e-003   | 0.0447        |          | 400.0302           | 400.0302           | 0.0101        | 9.2300e-003   | 403.0334           |
| <b>Total</b> | <b>0.9428</b> | <b>60.8343</b> | <b>15.1343</b> | <b>0.2899</b> | <b>3.5945</b> | <b>0.4117</b> | <b>4.0062</b> | <b>1.1418</b>  | <b>0.3938</b> | <b>1.5356</b> |          | <b>31,835.0883</b> | <b>31,835.0883</b> | <b>1.7609</b> | <b>5.0016</b> | <b>33,369.5826</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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   | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| Unmitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

## 4.2 Trip Summary Information

|                            | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|----------------------------|-------------------------|----------|--------|-------------|------------|
| Land Use                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Other Non-Asphalt Surfaces | 0.00                    | 0.00     | 0.00   |             |            |
| Total                      | 0.00                    | 0.00     | 0.00   |             |            |

## 4.3 Trip Type Information

|                            | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|----------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                   | 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 |
| Other Non-Asphalt Surfaces | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

## 4.4 Fleet Mix

| Land Use                   | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Other Non-Asphalt Surfaces | 0.542464 | 0.063735 | 0.188241 | 0.126899 | 0.023249 | 0.006239 | 0.010717 | 0.008079 | 0.000923 | 0.000604 | 0.024795 | 0.000702 | 0.003352 |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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   | 0.0000 | 0.0000 | 0.0000 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| NaturalGas Unmitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

**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   |               |               |               |               |               |
| Other Non-Asphalt Surfaces | 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>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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   |               |               |               |               |               |
| Other Non-Asphalt Surfaces | 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>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</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   | 0.0343 | 0.0000 | 1.9000e-004 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 4.0000e-004 | 4.0000e-004 | 0.0000 |     | 4.3000e-004 |
| Unmitigated | 0.0343 | 0.0000 | 1.9000e-004 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 4.0000e-004 | 4.0000e-004 | 0.0000 |     | 4.3000e-004 |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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 | 6.0700e-003   |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Consumer Products     | 0.0282        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Landscaping           | 2.0000e-005   | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |     | 4.3000e-004        |
| <b>Total</b>          | <b>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> |     | <b>4.3000e-004</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast 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 | 6.0700e-003   |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Consumer Products     | 0.0282        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Landscaping           | 2.0000e-005   | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |     | 4.3000e-004        |
| <b>Total</b>          | <b>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> |     | <b>4.3000e-004</b> |

**7.0 Water Detail****7.1 Mitigation Measures Water**

1050 La Cienega - Haul Day - Los Angeles-South Coast 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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**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 |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

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

1050 La Cienega - Haul Day  
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

| Land Uses                  | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|----------------------------|------|--------|-------------|--------------------|------------|
| Other Non-Asphalt Surfaces | 1.83 | Acre   | 1.83        | 79,714.80          | 0          |

1.2 Other Project Characteristics

|                         |                                         |                         |       |                           |       |
|-------------------------|-----------------------------------------|-------------------------|-------|---------------------------|-------|
| Urbanization            | Urban                                   | Wind Speed (m/s)        | 2.2   | Precipitation Freq (Days) | 33    |
| Climate Zone            | 11                                      |                         |       | Operational Year          | 2024  |
| Utility Company         | Los Angeles Department of Water & Power |                         |       |                           |       |
| CO2 Intensity (lb/MWhr) | 691.98                                  | CH4 Intensity (lb/MWhr) | 0.033 | N2O Intensity (lb/MWhr)   | 0.004 |

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Haul day construction analysis only.

Land Use -

Construction Phase - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Off-road Equipment - Haul day construction analysis only.

Grading - Haul day construction analysis only.

Trips and VMT - Assumes 14 CY truck capacity.

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiency for trackout reduction.

| Table Name             | Column Name                    | Default Value | New Value |
|------------------------|--------------------------------|---------------|-----------|
| tblConstDustMitigation | CleanPavedRoadPercentReduction | 0             | 80        |
| tblConstructionPhase   | NumDays                        | 4.00          | 1.00      |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

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

|                      |                            |          |            |
|----------------------|----------------------------|----------|------------|
| tblConstructionPhase | PhaseEndDate               | 2/6/2023 | 1/2/2023   |
| tblConstructionPhase | PhaseStartDate             | 2/1/2023 | 1/2/2023   |
| tblGrading           | AcresOfGrading             | 0.00     | 1.83       |
| tblGrading           | MaterialExported           | 0.00     | 1,750.00   |
| tblOffRoadEquipment  | OffRoadEquipmentType       |          | Excavators |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 1.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 1.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 2.00     | 0.00       |
| tblOffRoadEquipment  | OffRoadEquipmentUnitAmount | 0.00     | 2.00       |
| tblOffRoadEquipment  | PhaseName                  |          | Haul Day   |
| tblTripsAndVMT       | HaulingTripLength          | 20.00    | 40.00      |
| tblTripsAndVMT       | HaulingTripNumber          | 219.00   | 250.00     |
| tblTripsAndVMT       | WorkerTripNumber           | 5.00     | 40.00      |

**2.0 Emissions Summary**

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1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**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    | 1.2947 | 66.4769 | 21.6440 | 0.3002 | 11.3325       | 0.5638       | 11.8963    | 2.7557         | 0.5338        | 3.2895      | 0.0000   | 32,831.13<br>15 | 32,831.13<br>15 | 2.0826 | 5.0051 | 34,374.70<br>62 |
| Maximum | 1.2947 | 66.4769 | 21.6440 | 0.3002 | 11.3325       | 0.5638       | 11.8963    | 2.7557         | 0.5338        | 3.2895      | 0.0000   | 32,831.13<br>15 | 32,831.13<br>15 | 2.0826 | 5.0051 | 34,374.70<br>62 |

**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    | 1.2947 | 66.4769 | 21.6440 | 0.3002 | 4.4285        | 0.5638       | 4.9924     | 1.2352         | 0.5338        | 1.7690      | 0.0000   | 32,831.13<br>15 | 32,831.13<br>15 | 2.0826 | 5.0051 | 34,374.70<br>62 |
| Maximum | 1.2947 | 66.4769 | 21.6440 | 0.3002 | 4.4285        | 0.5638       | 4.9924     | 1.2352         | 0.5338        | 1.7690      | 0.0000   | 32,831.13<br>15 | 32,831.13<br>15 | 2.0826 | 5.0051 | 34,374.70<br>62 |

|                   | ROG  | NOx  | CO   | SO2  | 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 | 60.92         | 0.00         | 58.03      | 55.18          | 0.00          | 46.22       | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |

1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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         | 0.0343        | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |               | 4.3000e-004        |
| Energy       | 0.0000        | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000        | 0.0000        | 0.0000             | 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>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>4.3000e-004</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         | 0.0343        | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |               | 4.3000e-004        |
| Energy       | 0.0000        | 0.0000        | 0.0000             | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 0.0000             | 0.0000             | 0.0000        | 0.0000        | 0.0000             |
| Mobile       | 0.0000        | 0.0000        | 0.0000             | 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>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b>  | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> | <b>0.0000</b> | <b>4.3000e-004</b> |

1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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            | Haul Day   | Grading    | 1/2/2023   | 1/2/2023 | 5             | 1        |                   |

**Acres of Grading (Site Preparation Phase): 0****Acres of Grading (Grading Phase): 1.83****Acres of Paving: 1.83****Residential Indoor: 0; Residential Outdoor: 0; 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 |
|------------|---------------------------|--------|-------------|-------------|-------------|
| Haul Day   | Excavators                | 2      | 8.00        | 158         | 0.38        |
| Haul Day   | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Haul Day   | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Haul Day   | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |

**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 |
|------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Haul Day   | 2                       | 40.00              | 0.00               | 250.00              | 14.70              | 6.90               | 40.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

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

Water Exposed Area

Clean Paved Roads

**3.2 Haul Day - 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 |               |               |               |               | 2.1386        | 0.0000        | 2.1386        | 0.2395         | 0.0000        | 0.2395        |          |                        | 0.0000                 |               |     | 0.0000                 |
| Off-Road      | 0.3774        | 3.0973        | 6.5155        | 0.0103        |               | 0.1516        | 0.1516        |                | 0.1395        | 0.1395        |          | 1,000.211<br>3         | 1,000.211<br>3         | 0.3235        |     | 1,008.298<br>5         |
| <b>Total</b>  | <b>0.3774</b> | <b>3.0973</b> | <b>6.5155</b> | <b>0.0103</b> | <b>2.1386</b> | <b>0.1516</b> | <b>2.2902</b> | <b>0.2395</b>  | <b>0.1395</b> | <b>0.3790</b> |          | <b>1,000.211<br/>3</b> | <b>1,000.211<br/>3</b> | <b>0.3235</b> |     | <b>1,008.298<br/>5</b> |

1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 2023****Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |               |                    |
| Hauling      | 0.7798        | 63.2811        | 13.7997        | 0.2861        | 8.7468        | 0.4095        | 9.1563        | 2.3976         | 0.3918        | 2.7895        |          | 31,451.9788        | 31,451.9788        | 1.7489        | 4.9952        | 32,984.2721        |
| 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       | 0.1375        | 0.0986         | 1.3287         | 3.7500e-003   | 0.4471        | 2.6900e-003   | 0.4498        | 0.1186         | 2.4800e-003   | 0.1211        |          | 378.9414           | 378.9414           | 0.0102        | 9.8600e-003   | 382.1356           |
| <b>Total</b> | <b>0.9174</b> | <b>63.3797</b> | <b>15.1285</b> | <b>0.2899</b> | <b>9.1939</b> | <b>0.4122</b> | <b>9.6061</b> | <b>2.5162</b>  | <b>0.3943</b> | <b>2.9105</b> |          | <b>31,830.9202</b> | <b>31,830.9202</b> | <b>1.7591</b> | <b>5.0051</b> | <b>33,366.4077</b> |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O | CO2e              |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|-----|-------------------|
| Category      | lb/day        |               |               |               |               |               |               |                |               |               | lb/day        |                   |                   |               |     |                   |
| Fugitive Dust |               |               |               |               | 0.8341        | 0.0000        | 0.8341        | 0.0934         | 0.0000        | 0.0934        |               |                   | 0.0000            |               |     | 0.0000            |
| Off-Road      | 0.3774        | 3.0973        | 6.5155        | 0.0103        |               | 0.1516        | 0.1516        |                | 0.1395        | 0.1395        | 0.0000        | 1,000.2113        | 1,000.2113        | 0.3235        |     | 1,008.2985        |
| <b>Total</b>  | <b>0.3774</b> | <b>3.0973</b> | <b>6.5155</b> | <b>0.0103</b> | <b>0.8341</b> | <b>0.1516</b> | <b>0.9857</b> | <b>0.0934</b>  | <b>0.1395</b> | <b>0.2329</b> | <b>0.0000</b> | <b>1,000.2113</b> | <b>1,000.2113</b> | <b>0.3235</b> |     | <b>1,008.2985</b> |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied****3.2 Haul Day - 2023****Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2          | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |               |                    |
| Hauling      | 0.7798        | 63.2811        | 13.7997        | 0.2861        | 3.4583        | 0.4095        | 3.8679        | 1.0996         | 0.3918        | 1.4914        |          | 31,451.9788        | 31,451.9788        | 1.7489        | 4.9952        | 32,984.2721        |
| 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       | 0.1375        | 0.0986         | 1.3287         | 3.7500e-003   | 0.1362        | 2.6900e-003   | 0.1388        | 0.0423         | 2.4800e-003   | 0.0447        |          | 378.9414           | 378.9414           | 0.0102        | 9.8600e-003   | 382.1356           |
| <b>Total</b> | <b>0.9174</b> | <b>63.3797</b> | <b>15.1285</b> | <b>0.2899</b> | <b>3.5945</b> | <b>0.4122</b> | <b>4.0067</b> | <b>1.1418</b>  | <b>0.3943</b> | <b>1.5361</b> |          | <b>31,830.9202</b> | <b>31,830.9202</b> | <b>1.7591</b> | <b>5.0051</b> | <b>33,366.4077</b> |

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**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   | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| Unmitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

**4.2 Trip Summary Information**

|                            | Average Daily Trip Rate |          |        | Unmitigated | Mitigated  |
|----------------------------|-------------------------|----------|--------|-------------|------------|
| Land Use                   | Weekday                 | Saturday | Sunday | Annual VMT  | Annual VMT |
| Other Non-Asphalt Surfaces | 0.00                    | 0.00     | 0.00   |             |            |
| Total                      | 0.00                    | 0.00     | 0.00   |             |            |

**4.3 Trip Type Information**

|                            | Miles      |            |             | Trip %     |            |             | Trip Purpose % |          |         |
|----------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| Land Use                   | 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 |
| Other Non-Asphalt Surfaces | 16.60      | 8.40       | 6.90        | 0.00       | 0.00       | 0.00        | 0              | 0        | 0       |

**4.4 Fleet Mix**

| Land Use                   | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Other Non-Asphalt Surfaces | 0.542464 | 0.063735 | 0.188241 | 0.126899 | 0.023249 | 0.006239 | 0.010717 | 0.008079 | 0.000923 | 0.000604 | 0.024795 | 0.000702 | 0.003352 |

## 1050 La Cienega - Haul Day - Los Angeles-South Coast County, Winter

**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   | 0.0000 | 0.0000 | 0.0000 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |
| NaturalGas Unmitigated | 0.0000 | 0.0000 | 0.0000 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 0.0000    | 0.0000    | 0.0000 | 0.0000 | 0.0000 |

**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   |               |               |               |               |               |
| Other Non-Asphalt Surfaces | 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>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

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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****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   |               |               |               |               |               |
| Other Non-Asphalt Surfaces | 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>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</b> | <b>0.0000</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   | 0.0343 | 0.0000 | 1.9000e-004 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 4.0000e-004 | 4.0000e-004 | 0.0000 |     | 4.3000e-004 |
| Unmitigated | 0.0343 | 0.0000 | 1.9000e-004 | 0.0000 |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          | 4.0000e-004 | 4.0000e-004 | 0.0000 |     | 4.3000e-004 |

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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****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 | 6.0700e-003   |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Consumer Products     | 0.0282        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Landscaping           | 2.0000e-005   | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |     | 4.3000e-004        |
| <b>Total</b>          | <b>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> |     | <b>4.3000e-004</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           | lb/day        |               |                    |               |               |               |               |                |               |               | lb/day   |                    |                    |               |     |                    |
| Architectural Coating | 6.0700e-003   |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Consumer Products     | 0.0282        |               |                    |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |                    | 0.0000             |               |     | 0.0000             |
| Landscaping           | 2.0000e-005   | 0.0000        | 1.9000e-004        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          | 4.0000e-004        | 4.0000e-004        | 0.0000        |     | 4.3000e-004        |
| <b>Total</b>          | <b>0.0343</b> | <b>0.0000</b> | <b>1.9000e-004</b> | <b>0.0000</b> |               | <b>0.0000</b> | <b>0.0000</b> |                | <b>0.0000</b> | <b>0.0000</b> |          | <b>4.0000e-004</b> | <b>4.0000e-004</b> | <b>0.0000</b> |     | <b>4.3000e-004</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****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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**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 |
|----------------|--------|-----------|------------|-------------|-------------|-----------|
|----------------|--------|-----------|------------|-------------|-------------|-----------|

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**11.0 Vegetation**

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