

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

1809 Verdugo Blvd
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-----------------------------------|--------|---------------|-------------|--------------------|------------|
| Enclosed Parking with Elevator | 32.00 | Space | 0.00 | 0.00 | 0 |
| Enclosed Parking with Elevator | 113.00 | Space | 0.00 | 0.00 | 0 |
| Unenclosed Parking with Elevator | 35.00 | Space | 0.95 | 36,780.00 | 0 |
| Congregate Care (Assisted Living) | 79.00 | Dwelling Unit | 0.55 | 35,000.00 | 226 |

1.2 Other Project Characteristics

| | | | | | |
|---------------------------------|------------------------|---------------------------------|-------|----------------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 31 |
| Climate Zone | 12 | | | Operational Year | 2022 |
| Utility Company | Glendale Water & Power | | | | |
| CO2 Intensity (lb/MW hr) | 1115.33 | CH4 Intensity (lb/MW hr) | 0.029 | N2O Intensity (lb/MW hr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

Project Characteristics - 1) 3-story 35,000 square-foot residential congregate living/medical facility with 79-beds, a 32 space semi-subterranean parking garage.
 2) 36,780 square-foot parking garage (one level subterranean and two levels above grade) with 110 spaces on a 64,495 square-foot site consisting of three lots

Land Use - The project site consists of 3 lots: 24,030 sq. ft., 5,780 sq. ft. and 35,600 sq. ft. (65,410 sq. ft. combined). The 35,000 sq. ft. residential congregate living, medical facility will consist of 79 beds with a one-level subterranean garage with 32 parking spaces. A new three-level (one level subterranean and two levels above grade) parking structure with 110 parking spaces is proposed at other portions of the site.

Grading -

Construction Phase - Grading (all export): Approximately 8,000 cubic yards during Phase II and approximately 6,110 cubic yards during Phase III (14,110 cubic yards total). Approximately 500 truck trips during Phase II, and approximately 382 truck trips during Phase III (16 cubic yards per truck for a total of 882 truck trips). Grading would not occur over the entire 103 week period, but would be concentrated over approximately three weeks within the first eight weeks of both Phases II and III.

| Table Name | Column Name | Default Value | New Value |
|-------------------|----------------------------|---------------|-----------|
| tblAreaMitigation | UseLowVOCPaintParkingCheck | False | True |
| tblGrading | MaterialExported | 0.00 | 8,000.00 |
| tblGrading | MaterialExported | 0.00 | 6,110.00 |
| tblLandUse | LandUseSquareFeet | 45,200.00 | 0.00 |
| tblLandUse | LandUseSquareFeet | 12,800.00 | 0.00 |
| tblLandUse | LandUseSquareFeet | 14,000.00 | 36,780.00 |
| tblLandUse | LandUseSquareFeet | 79,000.00 | 35,000.00 |
| tblLandUse | LotAcreage | 1.02 | 0.00 |
| tblLandUse | LotAcreage | 0.29 | 0.00 |
| tblLandUse | LotAcreage | 0.32 | 0.95 |
| tblLandUse | LotAcreage | 4.94 | 0.55 |
| tblTripsAndVMT | HaulingTripNumber | 148.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 1,000.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 267.00 | 0.00 |
| tblTripsAndVMT | HaulingTripNumber | 764.00 | 0.00 |

2.0 Emissions Summary

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

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 | | | | | |
| 2020 | 0.3802 | 1.9092 | 1.7989 | 3.6600e-003 | 0.1405 | 0.0939 | 0.2344 | 0.0473 | 0.0901 | 0.1374 | 0.0000 | 314.8797 | 314.8797 | 0.0454 | 0.0000 | 316.0154 |
| 2021 | 0.3193 | 1.7598 | 1.7388 | 3.6300e-003 | 0.1444 | 0.0809 | 0.2253 | 0.0478 | 0.0777 | 0.1255 | 0.0000 | 311.6605 | 311.6605 | 0.0438 | 0.0000 | 312.7550 |
| 2022 | 0.0348 | 2.1700e-003 | 3.4000e-003 | 1.0000e-005 | 2.3000e-004 | 1.2000e-004 | 3.5000e-004 | 6.0000e-005 | 1.2000e-004 | 1.9000e-004 | 0.0000 | 0.5765 | 0.5765 | 3.0000e-005 | 0.0000 | 0.5772 |
| Maximum | 0.3802 | 1.9092 | 1.7989 | 3.6600e-003 | 0.1444 | 0.0939 | 0.2344 | 0.0478 | 0.0901 | 0.1374 | 0.0000 | 314.8797 | 314.8797 | 0.0454 | 0.0000 | 316.0154 |

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 | | | | | |
| 2020 | 0.3802 | 1.9092 | 1.7989 | 3.6600e-003 | 0.1061 | 0.0939 | 0.2000 | 0.0314 | 0.0901 | 0.1216 | 0.0000 | 314.8795 | 314.8795 | 0.0454 | 0.0000 | 316.0151 |
| 2021 | 0.3193 | 1.7598 | 1.7388 | 3.6300e-003 | 0.1072 | 0.0809 | 0.1881 | 0.0316 | 0.0777 | 0.1092 | 0.0000 | 311.6602 | 311.6602 | 0.0438 | 0.0000 | 312.7547 |
| 2022 | 0.0348 | 2.1700e-003 | 3.4000e-003 | 1.0000e-005 | 2.3000e-004 | 1.2000e-004 | 3.5000e-004 | 6.0000e-005 | 1.2000e-004 | 1.9000e-004 | 0.0000 | 0.5765 | 0.5765 | 3.0000e-005 | 0.0000 | 0.5772 |
| Maximum | 0.3802 | 1.9092 | 1.7989 | 3.6600e-003 | 0.1072 | 0.0939 | 0.2000 | 0.0316 | 0.0901 | 0.1216 | 0.0000 | 314.8795 | 314.8795 | 0.0454 | 0.0000 | 316.0151 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| | ROG | NOx | CO | SO2 | 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 | 25.10 | 0.00 | 15.56 | 33.72 | 0.00 | 12.20 | 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 | 1-27-2020 | 4-26-2020 | 0.6110 | 0.6110 |
| 2 | 4-27-2020 | 7-26-2020 | 0.6136 | 0.6136 |
| 3 | 7-27-2020 | 10-26-2020 | 0.6208 | 0.6208 |
| 4 | 10-27-2020 | 1-26-2021 | 0.4287 | 0.4287 |
| 5 | 1-27-2021 | 4-26-2021 | 0.5581 | 0.5581 |
| 6 | 4-27-2021 | 7-26-2021 | 0.5630 | 0.5630 |
| 7 | 7-27-2021 | 10-26-2021 | 0.5696 | 0.5696 |
| 8 | 10-27-2021 | 1-26-2022 | 0.4334 | 0.4334 |
| | | Highest | 0.6208 | 0.6208 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

2.2 Overall Operational
Unmitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|-----------------|-----------------|---------------|--------------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0800 | 0.0800 | | 0.0800 | 0.0800 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |
| Energy | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 244.3886 | 244.3886 | 6.0400e-003 | 1.9100e-003 | 245.1100 |
| Mobile | 0.0610 | 0.3484 | 0.8320 | 3.2000e-003 | 0.2688 | 2.5300e-003 | 0.2713 | 0.0720 | 2.3600e-003 | 0.0744 | 0.0000 | 295.8806 | 295.8806 | 0.0141 | 0.0000 | 296.2320 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 14.6336 | 0.0000 | 14.6336 | 0.8648 | 0.0000 | 36.2542 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1.6330 | 52.1450 | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |
| Total | 0.4896 | 0.4182 | 2.1691 | 4.7800e-003 | 0.2688 | 0.0857 | 0.3545 | 0.0720 | 0.0855 | 0.1576 | 24.6579 | 609.8746 | 634.5325 | 1.0803 | 6.7200e-003 | 663.5442 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

2.2 Overall Operational

Mitigated Operational

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|-----------------|-----------------|---------------|--------------------|-----------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Area | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0800 | 0.0800 | | 0.0800 | 0.0800 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |
| Energy | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 244.3886 | 244.3886 | 6.0400e-003 | 1.9100e-003 | 245.1100 |
| Mobile | 0.0610 | 0.3484 | 0.8320 | 3.2000e-003 | 0.2688 | 2.5300e-003 | 0.2713 | 0.0720 | 2.3600e-003 | 0.0744 | 0.0000 | 295.8806 | 295.8806 | 0.0141 | 0.0000 | 296.2320 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 14.6336 | 0.0000 | 14.6336 | 0.8648 | 0.0000 | 36.2542 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 1.6330 | 52.1450 | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |
| Total | 0.4896 | 0.4182 | 2.1691 | 4.7800e-003 | 0.2688 | 0.0857 | 0.3545 | 0.0720 | 0.0855 | 0.1576 | 24.6579 | 609.8746 | 634.5325 | 1.0803 | 6.7200e-003 | 663.5442 |

| | ROG | NOx | CO | SO2 | 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

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|---------------------------------|-----------------------|------------|------------|---------------|----------|-------------------------------------|
| 1 | Phase II Demolition | Demolition | 1/27/2020 | 2/4/2020 | 5 | 20 | Phase II: 3-level parking structure |
| 2 | Phase II Site Preparation | Site Preparation | 2/5/2020 | 2/6/2020 | 5 | 2 | Phase II: 3-level parking structure |
| 3 | Phase II Grading | Grading | 2/7/2020 | 2/27/2020 | 5 | 4 | Phase II: 3-level parking structure |
| 4 | Phase II Building Construction | Building Construction | 2/28/2020 | 12/3/2020 | 5 | 200 | Phase II: 3-level parking structure |
| 5 | Phase II Paving | Paving | 12/4/2020 | 12/17/2020 | 5 | 10 | Phase II: 3-level parking structure |
| 6 | Phase II Architectural Coating | Architectural Coating | 12/18/2020 | 12/31/2020 | 5 | 10 | Phase II: 3-level parking structure |
| 7 | Phase III Demolition | Demolition | 1/29/2021 | 2/8/2021 | 5 | 20 | Phase III: Congregatecare Facility |
| 8 | Phase III Site Preparation | Site Preparation | 2/7/2021 | 2/9/2021 | 5 | 2 | Phase III: Congregatecare Facility |
| 9 | Phase III Grading | Grading | 2/11/2021 | 3/3/2021 | 5 | 4 | Phase III: Congregatecare Facility |
| 10 | Phase III Building Construction | Building Construction | 3/4/2021 | 12/8/2021 | 5 | 200 | Phase III: Congregatecare Facility |
| 11 | Phase III Paving | Paving | 12/9/2021 | 12/22/2021 | 5 | 10 | Phase III: Congregatecare Facility |
| 12 | Phase III Architectural Coating | Architectural Coating | 12/23/2021 | 1/5/2022 | 5 | 10 | Phase III: Congregatecare Facility |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.95

Residential Indoor: 70,875; Residential Outdoor: 23,625; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,207 (Architectural Coating – sqft)

OffRoad Equipment

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|---------------------------|---------------------------|--------|-------------|-------------|-------------|
| Phase II Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Phase II Demolition | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Phase II Demolition | Tractors/Loaders/Backhoes | 3 | 8.00 | 97 | 0.37 |
| Phase II Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| | | | | | |
|---------------------------------|---------------------------|---|------|-----|------|
| Phase II Site Preparation | Rubber Tired Dozers | 1 | 7.00 | 247 | 0.40 |
| Phase II Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Phase II Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Phase II Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Phase II Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Phase II Building Construction | Cranes | 1 | 6.00 | 231 | 0.29 |
| Phase II Building Construction | Forklifts | 1 | 6.00 | 89 | 0.20 |
| Phase II Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Phase II Building Construction | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Phase II Building Construction | Welders | 3 | 8.00 | 46 | 0.45 |
| Phase II Paving | Cement and Mortar Mixers | 1 | 6.00 | 9 | 0.56 |
| Phase II Paving | Pavers | 1 | 6.00 | 130 | 0.42 |
| Phase II Paving | Paving Equipment | 1 | 8.00 | 132 | 0.36 |
| Phase II Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Phase II Paving | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Phase II Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |
| Phase III Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Phase III Demolition | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Phase III Demolition | Tractors/Loaders/Backhoes | 3 | 8.00 | 97 | 0.37 |
| Phase III Site Preparation | Graders | 1 | 8.00 | 187 | 0.41 |
| Phase III Site Preparation | Rubber Tired Dozers | 1 | 7.00 | 247 | 0.40 |
| Phase III Site Preparation | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Phase III Grading | Graders | 1 | 6.00 | 187 | 0.41 |
| Phase III Grading | Rubber Tired Dozers | 1 | 6.00 | 247 | 0.40 |
| Phase III Grading | Tractors/Loaders/Backhoes | 1 | 7.00 | 97 | 0.37 |
| Phase III Building Construction | Cranes | 1 | 6.00 | 231 | 0.29 |
| Phase III Building Construction | Forklifts | 1 | 6.00 | 89 | 0.20 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| | | | | | |
|---------------------------------|---------------------------|---|------|-----|------|
| Phase III Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Phase III Building Construction | Tractors/Loaders/Backhoes | 1 | 6.00 | 97 | 0.37 |
| Phase III Building Construction | Welders | 3 | 8.00 | 46 | 0.45 |
| Phase III Paving | Cement and Mortar Mixers | 1 | 6.00 | 9 | 0.56 |
| Phase III Paving | Pavers | 1 | 6.00 | 130 | 0.42 |
| Phase III Paving | Paving Equipment | 1 | 8.00 | 132 | 0.36 |
| Phase III Paving | Rollers | 1 | 7.00 | 80 | 0.38 |
| Phase III Paving | Tractors/Loaders/Backhoes | 1 | 8.00 | 97 | 0.37 |
| Phase III Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|---------------------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Phase II Demolition | 5 | 13.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase II Site Preparation | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase II Grading | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase II Building Construction | 7 | 72.00 | 14.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase II Paving | 5 | 13.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase II Architectural Coating | 1 | 14.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Demolition | 5 | 13.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Site Preparation | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Grading | 3 | 8.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Building Construction | 7 | 72.00 | 14.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Paving | 5 | 13.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Phase III Architectural Coating | 1 | 14.00 | 0.00 | 0.00 | 14.70 | 6.90 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

3.2 Phase II Demolition - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 5.6200e-003 | 0.0000 | 5.6200e-003 | 8.5000e-004 | 0.0000 | 8.5000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 7.4400e-003 | 0.0733 | 0.0513 | 8.0000e-005 | | 4.0300e-003 | 4.0300e-003 | | 3.7700e-003 | 3.7700e-003 | 0.0000 | 7.3737 | 7.3737 | 1.9000e-003 | 0.0000 | 7.4211 |
| Total | 7.4400e-003 | 0.0733 | 0.0513 | 8.0000e-005 | 5.6200e-003 | 4.0300e-003 | 9.6500e-003 | 8.5000e-004 | 3.7700e-003 | 4.6200e-003 | 0.0000 | 7.3737 | 7.3737 | 1.9000e-003 | 0.0000 | 7.4211 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.2 Phase II Demolition - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-004 | 1.6000e-004 | 1.7200e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4494 | 0.4494 | 1.0000e-005 | 0.0000 | 0.4497 |
| Total | 2.0000e-004 | 1.6000e-004 | 1.7200e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4494 | 0.4494 | 1.0000e-005 | 0.0000 | 0.4497 |

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 | | | | | 1.7500e-003 | 0.0000 | 1.7500e-003 | 2.7000e-004 | 0.0000 | 2.7000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 7.4400e-003 | 0.0733 | 0.0513 | 8.0000e-005 | | 4.0300e-003 | 4.0300e-003 | | 3.7700e-003 | 3.7700e-003 | 0.0000 | 7.3737 | 7.3737 | 1.9000e-003 | 0.0000 | 7.4211 |
| Total | 7.4400e-003 | 0.0733 | 0.0513 | 8.0000e-005 | 1.7500e-003 | 4.0300e-003 | 5.7800e-003 | 2.7000e-004 | 3.7700e-003 | 4.0400e-003 | 0.0000 | 7.3737 | 7.3737 | 1.9000e-003 | 0.0000 | 7.4211 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.2 Phase II Demolition - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-004 | 1.6000e-004 | 1.7200e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4494 | 0.4494 | 1.0000e-005 | 0.0000 | 0.4497 |
| Total | 2.0000e-004 | 1.6000e-004 | 1.7200e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4494 | 0.4494 | 1.0000e-005 | 0.0000 | 0.4497 |

3.3 Phase II Site Preparation - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 5.8000e-003 | 0.0000 | 5.8000e-003 | 2.9500e-003 | 0.0000 | 2.9500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.6300e-003 | 0.0184 | 7.7100e-003 | 2.0000e-005 | | 8.2000e-004 | 8.2000e-004 | | 7.6000e-004 | 7.6000e-004 | 0.0000 | 1.5127 | 1.5127 | 4.9000e-004 | 0.0000 | 1.5249 |
| Total | 1.6300e-003 | 0.0184 | 7.7100e-003 | 2.0000e-005 | 5.8000e-003 | 8.2000e-004 | 6.6200e-003 | 2.9500e-003 | 7.6000e-004 | 3.7100e-003 | 0.0000 | 1.5127 | 1.5127 | 4.9000e-004 | 0.0000 | 1.5249 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.3 Phase II Site Preparation - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0000e-005 | 3.0000e-005 | 3.0000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0790 | 0.0790 | 0.0000 | 0.0000 | 0.0791 |
| Total | 4.0000e-005 | 3.0000e-005 | 3.0000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0790 | 0.0790 | 0.0000 | 0.0000 | 0.0791 |

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 | | | | | 1.8100e-003 | 0.0000 | 1.8100e-003 | 9.2000e-004 | 0.0000 | 9.2000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.6300e-003 | 0.0184 | 7.7100e-003 | 2.0000e-005 | | 8.2000e-004 | 8.2000e-004 | | 7.6000e-004 | 7.6000e-004 | 0.0000 | 1.5127 | 1.5127 | 4.9000e-004 | 0.0000 | 1.5249 |
| Total | 1.6300e-003 | 0.0184 | 7.7100e-003 | 2.0000e-005 | 1.8100e-003 | 8.2000e-004 | 2.6300e-003 | 9.2000e-004 | 7.6000e-004 | 1.6800e-003 | 0.0000 | 1.5127 | 1.5127 | 4.9000e-004 | 0.0000 | 1.5249 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.3 Phase II Site Preparation - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 4.0000e-005 | 3.0000e-005 | 3.0000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0790 | 0.0790 | 0.0000 | 0.0000 | 0.0791 |
| Total | 4.0000e-005 | 3.0000e-005 | 3.0000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0790 | 0.0790 | 0.0000 | 0.0000 | 0.0791 |

3.4 Phase II Grading - 2020

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 | | | | | 0.0386 | 0.0000 | 0.0386 | 0.0192 | 0.0000 | 0.0192 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0101 | 0.1131 | 0.0484 | 1.1000e-004 | | 5.1300e-003 | 5.1300e-003 | | 4.7200e-003 | 4.7200e-003 | 0.0000 | 9.2922 | 9.2922 | 3.0100e-003 | 0.0000 | 9.3673 |
| Total | 0.0101 | 0.1131 | 0.0484 | 1.1000e-004 | 0.0386 | 5.1300e-003 | 0.0437 | 0.0192 | 4.7200e-003 | 0.0239 | 0.0000 | 9.2922 | 9.2922 | 3.0100e-003 | 0.0000 | 9.3673 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.4 Phase II Grading - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.7000e-004 | 2.1000e-004 | 2.2700e-003 | 1.0000e-005 | 6.6000e-004 | 1.0000e-005 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5926 | 0.5926 | 2.0000e-005 | 0.0000 | 0.5930 |
| Total | 2.7000e-004 | 2.1000e-004 | 2.2700e-003 | 1.0000e-005 | 6.6000e-004 | 1.0000e-005 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5926 | 0.5926 | 2.0000e-005 | 0.0000 | 0.5930 |

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 | | | | | 0.0120 | 0.0000 | 0.0120 | 5.9900e-003 | 0.0000 | 5.9900e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 0.0101 | 0.1131 | 0.0484 | 1.1000e-004 | | 5.1300e-003 | 5.1300e-003 | | 4.7200e-003 | 4.7200e-003 | 0.0000 | 9.2922 | 9.2922 | 3.0100e-003 | 0.0000 | 9.3673 |
| Total | 0.0101 | 0.1131 | 0.0484 | 1.1000e-004 | 0.0120 | 5.1300e-003 | 0.0172 | 5.9900e-003 | 4.7200e-003 | 0.0107 | 0.0000 | 9.2922 | 9.2922 | 3.0100e-003 | 0.0000 | 9.3673 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.4 Phase II Grading - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.7000e-004 | 2.1000e-004 | 2.2700e-003 | 1.0000e-005 | 6.6000e-004 | 1.0000e-005 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5926 | 0.5926 | 2.0000e-005 | 0.0000 | 0.5930 |
| Total | 2.7000e-004 | 2.1000e-004 | 2.2700e-003 | 1.0000e-005 | 6.6000e-004 | 1.0000e-005 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5926 | 0.5926 | 2.0000e-005 | 0.0000 | 0.5930 |

3.5 Phase II Building Construction - 2020

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 | 0.2031 | 1.4788 | 1.3188 | 2.2000e-003 | | 0.0796 | 0.0796 | | 0.0769 | 0.0769 | 0.0000 | 181.5421 | 181.5421 | 0.0337 | 0.0000 | 182.3847 |
| Total | 0.2031 | 1.4788 | 1.3188 | 2.2000e-003 | | 0.0796 | 0.0796 | | 0.0769 | 0.0769 | 0.0000 | 181.5421 | 181.5421 | 0.0337 | 0.0000 | 182.3847 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.5 Phase II Building Construction - 2020

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 | 4.6900e-003 | 0.1494 | 0.0370 | 3.6000e-004 | 8.8200e-003 | 7.3000e-004 | 9.5600e-003 | 2.5500e-003 | 7.0000e-004 | 3.2500e-003 | 0.0000 | 34.4333 | 34.4333 | 2.2600e-003 | 0.0000 | 34.4898 |
| Worker | 0.0321 | 0.0246 | 0.2727 | 7.9000e-004 | 0.0790 | 6.1000e-004 | 0.0796 | 0.0210 | 5.6000e-004 | 0.0215 | 0.0000 | 71.1120 | 71.1120 | 2.0400e-003 | 0.0000 | 71.1630 |
| Total | 0.0368 | 0.1740 | 0.3097 | 1.1500e-003 | 0.0878 | 1.3400e-003 | 0.0892 | 0.0235 | 1.2600e-003 | 0.0248 | 0.0000 | 105.5452 | 105.5452 | 4.3000e-003 | 0.0000 | 105.6527 |

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 | 0.2031 | 1.4788 | 1.3188 | 2.2000e-003 | | 0.0796 | 0.0796 | | 0.0769 | 0.0769 | 0.0000 | 181.5419 | 181.5419 | 0.0337 | 0.0000 | 182.3844 |
| Total | 0.2031 | 1.4788 | 1.3188 | 2.2000e-003 | | 0.0796 | 0.0796 | | 0.0769 | 0.0769 | 0.0000 | 181.5419 | 181.5419 | 0.0337 | 0.0000 | 182.3844 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.5 Phase II Building Construction - 2020

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 | 4.6900e-003 | 0.1494 | 0.0370 | 3.6000e-004 | 8.8200e-003 | 7.3000e-004 | 9.5600e-003 | 2.5500e-003 | 7.0000e-004 | 3.2500e-003 | 0.0000 | 34.4333 | 34.4333 | 2.2600e-003 | 0.0000 | 34.4898 |
| Worker | 0.0321 | 0.0246 | 0.2727 | 7.9000e-004 | 0.0790 | 6.1000e-004 | 0.0796 | 0.0210 | 5.6000e-004 | 0.0215 | 0.0000 | 71.1120 | 71.1120 | 2.0400e-003 | 0.0000 | 71.1630 |
| Total | 0.0368 | 0.1740 | 0.3097 | 1.1500e-003 | 0.0878 | 1.3400e-003 | 0.0892 | 0.0235 | 1.2600e-003 | 0.0248 | 0.0000 | 105.5452 | 105.5452 | 4.3000e-003 | 0.0000 | 105.6527 |

3.6 Phase II Paving - 2020

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 | 4.2000e-003 | 0.0423 | 0.0444 | 7.0000e-005 | | 2.3500e-003 | 2.3500e-003 | | 2.1600e-003 | 2.1600e-003 | 0.0000 | 5.8829 | 5.8829 | 1.8600e-003 | 0.0000 | 5.9295 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 4.2000e-003 | 0.0423 | 0.0444 | 7.0000e-005 | | 2.3500e-003 | 2.3500e-003 | | 2.1600e-003 | 2.1600e-003 | 0.0000 | 5.8829 | 5.8829 | 1.8600e-003 | 0.0000 | 5.9295 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.6 Phase II Paving - 2020

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.9000e-004 | 2.2000e-004 | 2.4600e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 1.0000e-005 | 1.9000e-004 | 0.0000 | 0.6420 | 0.6420 | 2.0000e-005 | 0.0000 | 0.6424 |
| Total | 2.9000e-004 | 2.2000e-004 | 2.4600e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 1.0000e-005 | 1.9000e-004 | 0.0000 | 0.6420 | 0.6420 | 2.0000e-005 | 0.0000 | 0.6424 |

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 | 4.2000e-003 | 0.0423 | 0.0444 | 7.0000e-005 | | 2.3500e-003 | 2.3500e-003 | | 2.1600e-003 | 2.1600e-003 | 0.0000 | 5.8828 | 5.8828 | 1.8600e-003 | 0.0000 | 5.9295 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 4.2000e-003 | 0.0423 | 0.0444 | 7.0000e-005 | | 2.3500e-003 | 2.3500e-003 | | 2.1600e-003 | 2.1600e-003 | 0.0000 | 5.8828 | 5.8828 | 1.8600e-003 | 0.0000 | 5.9295 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.6 Phase II Paving - 2020

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.9000e-004 | 2.2000e-004 | 2.4600e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 1.0000e-005 | 1.9000e-004 | 0.0000 | 0.6420 | 0.6420 | 2.0000e-005 | 0.0000 | 0.6424 |
| Total | 2.9000e-004 | 2.2000e-004 | 2.4600e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 1.0000e-005 | 1.9000e-004 | 0.0000 | 0.6420 | 0.6420 | 2.0000e-005 | 0.0000 | 0.6424 |

3.7 Phase II Architectural Coating - 2020

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1146 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.2100e-003 | 8.4200e-003 | 9.1600e-003 | 1.0000e-005 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 1.2766 | 1.2766 | 1.0000e-004 | 0.0000 | 1.2791 |
| Total | 0.1158 | 8.4200e-003 | 9.1600e-003 | 1.0000e-005 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 1.2766 | 1.2766 | 1.0000e-004 | 0.0000 | 1.2791 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.7 Phase II Architectural Coating - 2020

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 | 3.1000e-004 | 2.4000e-004 | 2.6500e-003 | 1.0000e-005 | 7.7000e-004 | 1.0000e-005 | 7.7000e-004 | 2.0000e-004 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 0.6914 | 0.6914 | 2.0000e-005 | 0.0000 | 0.6919 |
| Total | 3.1000e-004 | 2.4000e-004 | 2.6500e-003 | 1.0000e-005 | 7.7000e-004 | 1.0000e-005 | 7.7000e-004 | 2.0000e-004 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 0.6914 | 0.6914 | 2.0000e-005 | 0.0000 | 0.6919 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.1146 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.2100e-003 | 8.4200e-003 | 9.1600e-003 | 1.0000e-005 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 1.2766 | 1.2766 | 1.0000e-004 | 0.0000 | 1.2791 |
| Total | 0.1158 | 8.4200e-003 | 9.1600e-003 | 1.0000e-005 | | 5.5000e-004 | 5.5000e-004 | | 5.5000e-004 | 5.5000e-004 | 0.0000 | 1.2766 | 1.2766 | 1.0000e-004 | 0.0000 | 1.2791 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.7 Phase II Architectural Coating - 2020

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 | 3.1000e-004 | 2.4000e-004 | 2.6500e-003 | 1.0000e-005 | 7.7000e-004 | 1.0000e-005 | 7.7000e-004 | 2.0000e-004 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 0.6914 | 0.6914 | 2.0000e-005 | 0.0000 | 0.6919 |
| Total | 3.1000e-004 | 2.4000e-004 | 2.6500e-003 | 1.0000e-005 | 7.7000e-004 | 1.0000e-005 | 7.7000e-004 | 2.0000e-004 | 1.0000e-005 | 2.1000e-004 | 0.0000 | 0.6914 | 0.6914 | 2.0000e-005 | 0.0000 | 0.6919 |

3.8 Phase III Demolition - 2021

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 | | | | | 0.0101 | 0.0000 | 0.0101 | 1.5300e-003 | 0.0000 | 1.5300e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.9800e-003 | 0.0689 | 0.0507 | 8.0000e-005 | | 3.6400e-003 | 3.6400e-003 | | 3.4000e-003 | 3.4000e-003 | 0.0000 | 7.3750 | 7.3750 | 1.8900e-003 | 0.0000 | 7.4221 |
| Total | 6.9800e-003 | 0.0689 | 0.0507 | 8.0000e-005 | 0.0101 | 3.6400e-003 | 0.0138 | 1.5300e-003 | 3.4000e-003 | 4.9300e-003 | 0.0000 | 7.3750 | 7.3750 | 1.8900e-003 | 0.0000 | 7.4221 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.8 Phase III Demolition - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.9000e-004 | 1.4000e-004 | 1.5900e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4348 | 0.4348 | 1.0000e-005 | 0.0000 | 0.4351 |
| Total | 1.9000e-004 | 1.4000e-004 | 1.5900e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4348 | 0.4348 | 1.0000e-005 | 0.0000 | 0.4351 |

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 | | | | | 3.1500e-003 | 0.0000 | 3.1500e-003 | 4.8000e-004 | 0.0000 | 4.8000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.9800e-003 | 0.0689 | 0.0507 | 8.0000e-005 | | 3.6400e-003 | 3.6400e-003 | | 3.4000e-003 | 3.4000e-003 | 0.0000 | 7.3750 | 7.3750 | 1.8900e-003 | 0.0000 | 7.4221 |
| Total | 6.9800e-003 | 0.0689 | 0.0507 | 8.0000e-005 | 3.1500e-003 | 3.6400e-003 | 6.7900e-003 | 4.8000e-004 | 3.4000e-003 | 3.8800e-003 | 0.0000 | 7.3750 | 7.3750 | 1.8900e-003 | 0.0000 | 7.4221 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.8 Phase III Demolition - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 1.9000e-004 | 1.4000e-004 | 1.5900e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4348 | 0.4348 | 1.0000e-005 | 0.0000 | 0.4351 |
| Total | 1.9000e-004 | 1.4000e-004 | 1.5900e-003 | 0.0000 | 5.0000e-004 | 0.0000 | 5.0000e-004 | 1.3000e-004 | 0.0000 | 1.4000e-004 | 0.0000 | 0.4348 | 0.4348 | 1.0000e-005 | 0.0000 | 0.4351 |

3.9 Phase III Site Preparation - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 5.8000e-003 | 0.0000 | 5.8000e-003 | 2.9500e-003 | 0.0000 | 2.9500e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.5600e-003 | 0.0174 | 7.5600e-003 | 2.0000e-005 | | 7.7000e-004 | 7.7000e-004 | | 7.0000e-004 | 7.0000e-004 | 0.0000 | 1.5118 | 1.5118 | 4.9000e-004 | 0.0000 | 1.5241 |
| Total | 1.5600e-003 | 0.0174 | 7.5600e-003 | 2.0000e-005 | 5.8000e-003 | 7.7000e-004 | 6.5700e-003 | 2.9500e-003 | 7.0000e-004 | 3.6500e-003 | 0.0000 | 1.5118 | 1.5118 | 4.9000e-004 | 0.0000 | 1.5241 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.9 Phase III Site Preparation - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.8000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0765 | 0.0765 | 0.0000 | 0.0000 | 0.0765 |
| Total | 3.0000e-005 | 2.0000e-005 | 2.8000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0765 | 0.0765 | 0.0000 | 0.0000 | 0.0765 |

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 | | | | | 1.8100e-003 | 0.0000 | 1.8100e-003 | 9.2000e-004 | 0.0000 | 9.2000e-004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.5600e-003 | 0.0174 | 7.5600e-003 | 2.0000e-005 | | 7.7000e-004 | 7.7000e-004 | | 7.0000e-004 | 7.0000e-004 | 0.0000 | 1.5118 | 1.5118 | 4.9000e-004 | 0.0000 | 1.5241 |
| Total | 1.5600e-003 | 0.0174 | 7.5600e-003 | 2.0000e-005 | 1.8100e-003 | 7.7000e-004 | 2.5800e-003 | 9.2000e-004 | 7.0000e-004 | 1.6200e-003 | 0.0000 | 1.5118 | 1.5118 | 4.9000e-004 | 0.0000 | 1.5241 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.9 Phase III Site Preparation - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.8000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0765 | 0.0765 | 0.0000 | 0.0000 | 0.0765 |
| Total | 3.0000e-005 | 2.0000e-005 | 2.8000e-004 | 0.0000 | 9.0000e-005 | 0.0000 | 9.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0765 | 0.0765 | 0.0000 | 0.0000 | 0.0765 |

3.10 Phase III Grading - 2021

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 | | | | | 0.0382 | 0.0000 | 0.0382 | 0.0191 | 0.0000 | 0.0191 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 9.6600e-003 | 0.1075 | 0.0475 | 1.1000e-004 | | 4.7800e-003 | 4.7800e-003 | | 4.4000e-003 | 4.4000e-003 | 0.0000 | 9.2877 | 9.2877 | 3.0000e-003 | 0.0000 | 9.3628 |
| Total | 9.6600e-003 | 0.1075 | 0.0475 | 1.1000e-004 | 0.0382 | 4.7800e-003 | 0.0429 | 0.0191 | 4.4000e-003 | 0.0235 | 0.0000 | 9.2877 | 9.2877 | 3.0000e-003 | 0.0000 | 9.3628 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.10 Phase III Grading - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-004 | 1.8000e-004 | 2.0900e-003 | 1.0000e-005 | 6.6000e-004 | 0.0000 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5734 | 0.5734 | 2.0000e-005 | 0.0000 | 0.5738 |
| Total | 2.5000e-004 | 1.8000e-004 | 2.0900e-003 | 1.0000e-005 | 6.6000e-004 | 0.0000 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5734 | 0.5734 | 2.0000e-005 | 0.0000 | 0.5738 |

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 | | | | | 0.0119 | 0.0000 | 0.0119 | 5.9700e-003 | 0.0000 | 5.9700e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 9.6600e-003 | 0.1075 | 0.0475 | 1.1000e-004 | | 4.7800e-003 | 4.7800e-003 | | 4.4000e-003 | 4.4000e-003 | 0.0000 | 9.2877 | 9.2877 | 3.0000e-003 | 0.0000 | 9.3628 |
| Total | 9.6600e-003 | 0.1075 | 0.0475 | 1.1000e-004 | 0.0119 | 4.7800e-003 | 0.0167 | 5.9700e-003 | 4.4000e-003 | 0.0104 | 0.0000 | 9.2877 | 9.2877 | 3.0000e-003 | 0.0000 | 9.3628 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.10 Phase III Grading - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.5000e-004 | 1.8000e-004 | 2.0900e-003 | 1.0000e-005 | 6.6000e-004 | 0.0000 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5734 | 0.5734 | 2.0000e-005 | 0.0000 | 0.5738 |
| Total | 2.5000e-004 | 1.8000e-004 | 2.0900e-003 | 1.0000e-005 | 6.6000e-004 | 0.0000 | 6.6000e-004 | 1.7000e-004 | 0.0000 | 1.8000e-004 | 0.0000 | 0.5734 | 0.5734 | 2.0000e-005 | 0.0000 | 0.5738 |

3.11 Phase III Building Construction - 2021

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 | 0.1813 | 1.3636 | 1.2899 | 2.2000e-003 | | 0.0684 | 0.0684 | | 0.0661 | 0.0661 | 0.0000 | 181.5476 | 181.5476 | 0.0324 | 0.0000 | 182.3579 |
| Total | 0.1813 | 1.3636 | 1.2899 | 2.2000e-003 | | 0.0684 | 0.0684 | | 0.0661 | 0.0661 | 0.0000 | 181.5476 | 181.5476 | 0.0324 | 0.0000 | 182.3579 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.11 Phase III Building Construction - 2021

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 | 3.9800e-003 | 0.1355 | 0.0336 | 3.5000e-004 | 8.8200e-003 | 2.7000e-004 | 9.1000e-003 | 2.5500e-003 | 2.6000e-004 | 2.8100e-003 | 0.0000 | 34.1805 | 34.1805 | 2.1600e-003 | 0.0000 | 34.2346 |
| Worker | 0.0300 | 0.0222 | 0.2509 | 7.6000e-004 | 0.0790 | 5.9000e-004 | 0.0796 | 0.0210 | 5.5000e-004 | 0.0215 | 0.0000 | 68.8075 | 68.8075 | 1.8500e-003 | 0.0000 | 68.8537 |
| Total | 0.0340 | 0.1576 | 0.2845 | 1.1100e-003 | 0.0878 | 8.6000e-004 | 0.0887 | 0.0235 | 8.1000e-004 | 0.0243 | 0.0000 | 102.9880 | 102.9880 | 4.0100e-003 | 0.0000 | 103.0882 |

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 | 0.1813 | 1.3636 | 1.2899 | 2.2000e-003 | | 0.0684 | 0.0684 | | 0.0661 | 0.0661 | 0.0000 | 181.5474 | 181.5474 | 0.0324 | 0.0000 | 182.3577 |
| Total | 0.1813 | 1.3636 | 1.2899 | 2.2000e-003 | | 0.0684 | 0.0684 | | 0.0661 | 0.0661 | 0.0000 | 181.5474 | 181.5474 | 0.0324 | 0.0000 | 182.3577 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.11 Phase III Building Construction - 2021

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 | 3.9800e-003 | 0.1355 | 0.0336 | 3.5000e-004 | 8.8200e-003 | 2.7000e-004 | 9.1000e-003 | 2.5500e-003 | 2.6000e-004 | 2.8100e-003 | 0.0000 | 34.1805 | 34.1805 | 2.1600e-003 | 0.0000 | 34.2346 |
| Worker | 0.0300 | 0.0222 | 0.2509 | 7.6000e-004 | 0.0790 | 5.9000e-004 | 0.0796 | 0.0210 | 5.5000e-004 | 0.0215 | 0.0000 | 68.8075 | 68.8075 | 1.8500e-003 | 0.0000 | 68.8537 |
| Total | 0.0340 | 0.1576 | 0.2845 | 1.1100e-003 | 0.0878 | 8.6000e-004 | 0.0887 | 0.0235 | 8.1000e-004 | 0.0243 | 0.0000 | 102.9880 | 102.9880 | 4.0100e-003 | 0.0000 | 103.0882 |

3.12 Phase III Paving - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 3.8700e-003 | 0.0387 | 0.0443 | 7.0000e-005 | | 2.0800e-003 | 2.0800e-003 | | 1.9100e-003 | 1.9100e-003 | 0.0000 | 5.8825 | 5.8825 | 1.8600e-003 | 0.0000 | 5.9291 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 3.8700e-003 | 0.0387 | 0.0443 | 7.0000e-005 | | 2.0800e-003 | 2.0800e-003 | | 1.9100e-003 | 1.9100e-003 | 0.0000 | 5.8825 | 5.8825 | 1.8600e-003 | 0.0000 | 5.9291 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.12 Phase III Paving - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.7000e-004 | 2.0000e-004 | 2.2700e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 0.6212 | 0.6212 | 2.0000e-005 | 0.0000 | 0.6216 |
| Total | 2.7000e-004 | 2.0000e-004 | 2.2700e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 0.6212 | 0.6212 | 2.0000e-005 | 0.0000 | 0.6216 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|---------------|---------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 3.8700e-003 | 0.0387 | 0.0443 | 7.0000e-005 | | 2.0800e-003 | 2.0800e-003 | | 1.9100e-003 | 1.9100e-003 | 0.0000 | 5.8825 | 5.8825 | 1.8600e-003 | 0.0000 | 5.9291 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 3.8700e-003 | 0.0387 | 0.0443 | 7.0000e-005 | | 2.0800e-003 | 2.0800e-003 | | 1.9100e-003 | 1.9100e-003 | 0.0000 | 5.8825 | 5.8825 | 1.8600e-003 | 0.0000 | 5.9291 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.12 Phase III Paving - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.7000e-004 | 2.0000e-004 | 2.2700e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 0.6212 | 0.6212 | 2.0000e-005 | 0.0000 | 0.6216 |
| Total | 2.7000e-004 | 2.0000e-004 | 2.2700e-003 | 1.0000e-005 | 7.1000e-004 | 1.0000e-005 | 7.2000e-004 | 1.9000e-004 | 0.0000 | 1.9000e-004 | 0.0000 | 0.6212 | 0.6212 | 2.0000e-005 | 0.0000 | 0.6216 |

3.13 Phase III Architectural Coating - 2021

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0802 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 7.7000e-004 | 5.3400e-003 | 6.3600e-003 | 1.0000e-005 | | 3.3000e-004 | 3.3000e-004 | | 3.3000e-004 | 3.3000e-004 | 0.0000 | 0.8936 | 0.8936 | 6.0000e-005 | 0.0000 | 0.8952 |
| Total | 0.0810 | 5.3400e-003 | 6.3600e-003 | 1.0000e-005 | | 3.3000e-004 | 3.3000e-004 | | 3.3000e-004 | 3.3000e-004 | 0.0000 | 0.8936 | 0.8936 | 6.0000e-005 | 0.0000 | 0.8952 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.13 Phase III Architectural Coating - 2021

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-004 | 1.5000e-004 | 1.7100e-003 | 1.0000e-005 | 5.4000e-004 | 0.0000 | 5.4000e-004 | 1.4000e-004 | 0.0000 | 1.5000e-004 | 0.0000 | 0.4683 | 0.4683 | 1.0000e-005 | 0.0000 | 0.4686 |
| Total | 2.0000e-004 | 1.5000e-004 | 1.7100e-003 | 1.0000e-005 | 5.4000e-004 | 0.0000 | 5.4000e-004 | 1.4000e-004 | 0.0000 | 1.5000e-004 | 0.0000 | 0.4683 | 0.4683 | 1.0000e-005 | 0.0000 | 0.4686 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0802 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 7.7000e-004 | 5.3400e-003 | 6.3600e-003 | 1.0000e-005 | | 3.3000e-004 | 3.3000e-004 | | 3.3000e-004 | 3.3000e-004 | 0.0000 | 0.8936 | 0.8936 | 6.0000e-005 | 0.0000 | 0.8952 |
| Total | 0.0810 | 5.3400e-003 | 6.3600e-003 | 1.0000e-005 | | 3.3000e-004 | 3.3000e-004 | | 3.3000e-004 | 3.3000e-004 | 0.0000 | 0.8936 | 0.8936 | 6.0000e-005 | 0.0000 | 0.8952 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.13 Phase III Architectural Coating - 2021

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 2.0000e-004 | 1.5000e-004 | 1.7100e-003 | 1.0000e-005 | 5.4000e-004 | 0.0000 | 5.4000e-004 | 1.4000e-004 | 0.0000 | 1.5000e-004 | 0.0000 | 0.4683 | 0.4683 | 1.0000e-005 | 0.0000 | 0.4686 |
| Total | 2.0000e-004 | 1.5000e-004 | 1.7100e-003 | 1.0000e-005 | 5.4000e-004 | 0.0000 | 5.4000e-004 | 1.4000e-004 | 0.0000 | 1.5000e-004 | 0.0000 | 0.4683 | 0.4683 | 1.0000e-005 | 0.0000 | 0.4686 |

3.13 Phase III Architectural Coating - 2022

Unmitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0344 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.1000e-004 | 2.1100e-003 | 2.7200e-003 | 0.0000 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3836 |
| Total | 0.0347 | 2.1100e-003 | 2.7200e-003 | 0.0000 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3836 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.13 Phase III Architectural Coating - 2022

Unmitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 6.0000e-005 | 6.8000e-004 | 0.0000 | 2.3000e-004 | 0.0000 | 2.3000e-004 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 0.0000 | 0.1935 | 0.1935 | 0.0000 | 0.0000 | 0.1936 |
| Total | 8.0000e-005 | 6.0000e-005 | 6.8000e-004 | 0.0000 | 2.3000e-004 | 0.0000 | 2.3000e-004 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 0.0000 | 0.1935 | 0.1935 | 0.0000 | 0.0000 | 0.1936 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0344 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.1000e-004 | 2.1100e-003 | 2.7200e-003 | 0.0000 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3836 |
| Total | 0.0347 | 2.1100e-003 | 2.7200e-003 | 0.0000 | | 1.2000e-004 | 1.2000e-004 | | 1.2000e-004 | 1.2000e-004 | 0.0000 | 0.3830 | 0.3830 | 2.0000e-005 | 0.0000 | 0.3836 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

3.13 Phase III Architectural Coating - 2022

Mitigated Construction Off-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|--------------------|--------------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 8.0000e-005 | 6.0000e-005 | 6.8000e-004 | 0.0000 | 2.3000e-004 | 0.0000 | 2.3000e-004 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 0.0000 | 0.1935 | 0.1935 | 0.0000 | 0.0000 | 0.1936 |
| Total | 8.0000e-005 | 6.0000e-005 | 6.8000e-004 | 0.0000 | 2.3000e-004 | 0.0000 | 2.3000e-004 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 0.0000 | 0.1935 | 0.1935 | 0.0000 | 0.0000 | 0.1936 |

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| | ROG | NOx | CO | SO2 | Fugitive 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 | 0.0610 | 0.3484 | 0.8320 | 3.2000e-003 | 0.2688 | 2.5300e-003 | 0.2713 | 0.0720 | 2.3600e-003 | 0.0744 | 0.0000 | 295.8806 | 295.8806 | 0.0141 | 0.0000 | 296.2320 |
| Unmitigated | 0.0610 | 0.3484 | 0.8320 | 3.2000e-003 | 0.2688 | 2.5300e-003 | 0.2713 | 0.0720 | 2.3600e-003 | 0.0744 | 0.0000 | 295.8806 | 295.8806 | 0.0141 | 0.0000 | 296.2320 |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | Mitigated |
|-----------------------------------|-------------------------|---------------|---------------|----------------|----------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT |
| Congregate Care (Assisted Living) | 216.46 | 173.80 | 192.76 | 707,282 | 707,282 |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Enclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Unenclosed Parking with Elevator | 0.00 | 0.00 | 0.00 | | |
| Total | 216.46 | 173.80 | 192.76 | 707,282 | 707,282 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|--------------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| Congregate Care (Assisted | 14.70 | 5.90 | 8.70 | 40.20 | 19.20 | 40.60 | 86 | 11 | 3 |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Enclosed Parking with Elevator | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |
| Unenclosed Parking with | 16.60 | 8.40 | 6.90 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 |

4.4 Fleet Mix

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Congregate Care (Assisted Living) | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |
| Enclosed Parking with Elevator | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |
| Unenclosed Parking with Elevator | 0.549559 | 0.042893 | 0.201564 | 0.118533 | 0.015569 | 0.005846 | 0.021394 | 0.034255 | 0.002099 | 0.001828 | 0.004855 | 0.000709 | 0.000896 |

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 | 198.1074 | 198.1074 | 5.1500e-003 | 1.0700e-003 | 198.5538 |
| Electricity Unmitigated | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 198.1074 | 198.1074 | 5.1500e-003 | 1.0700e-003 | 198.5538 |
| NaturalGas Mitigated | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |
| NaturalGas Unmitigated | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

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 | | | | | |
| Congregate Care (Assisted Living) | 867276 | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |
| Enclosed 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 |
| 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 |
| Total | | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |

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 | | | | | |
| Congregate Care (Assisted Living) | 867276 | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |
| Enclosed 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 |
| 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 |
| Total | | 4.6800e-003 | 0.0400 | 0.0170 | 2.6000e-004 | | 3.2300e-003 | 3.2300e-003 | | 3.2300e-003 | 3.2300e-003 | 0.0000 | 46.2812 | 46.2812 | 8.9000e-004 | 8.5000e-004 | 46.5562 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use | kWh/yr | MT/yr | | | |
| Congregate Care (Assisted Living) | 320237 | 162.0094 | 4.2100e-003 | 8.7000e-004 | 162.3745 |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 71353.2 | 36.0980 | 9.4000e-004 | 1.9000e-004 | 36.1793 |
| Total | | 198.1074 | 5.1500e-003 | 1.0600e-003 | 198.5538 |

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|-----------------|-----------------|--------------------|--------------------|-----------------|
| Land Use | kWh/yr | MT/yr | | | |
| Congregate Care (Assisted Living) | 320237 | 162.0094 | 4.2100e-003 | 8.7000e-004 | 162.3745 |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 71353.2 | 36.0980 | 9.4000e-004 | 1.9000e-004 | 36.1793 |
| Total | | 198.1074 | 5.1500e-003 | 1.0600e-003 | 198.5538 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Exterior

| | ROG | NOx | CO | SO2 | Fugitive 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 | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0800 | 0.0800 | | 0.0800 | 0.0800 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |
| Unmitigated | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0800 | 0.0800 | | 0.0800 | 0.0800 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

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 | 0.0115 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 0.1289 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.2588 | 0.0205 | 0.5022 | 1.2800e-003 | | 0.0754 | 0.0754 | | 0.0754 | 0.0754 | 8.3913 | 16.1252 | 24.5165 | 0.0250 | 5.7000e-004 | 25.3119 |
| Landscaping | 0.0249 | 9.4300e-003 | 0.8179 | 4.0000e-005 | | 4.5100e-003 | 4.5100e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 1.3353 | 1.3353 | 1.3000e-003 | 0.0000 | 1.3677 |
| Total | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0799 | 0.0799 | | 0.0799 | 0.0799 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

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 | 0.0115 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Consumer Products | 0.1289 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Hearth | 0.2588 | 0.0205 | 0.5022 | 1.2800e-003 | | 0.0754 | 0.0754 | | 0.0754 | 0.0754 | 8.3913 | 16.1252 | 24.5165 | 0.0250 | 5.7000e-004 | 25.3119 |
| Landscaping | 0.0249 | 9.4300e-003 | 0.8179 | 4.0000e-005 | | 4.5100e-003 | 4.5100e-003 | | 4.5100e-003 | 4.5100e-003 | 0.0000 | 1.3353 | 1.3353 | 1.3000e-003 | 0.0000 | 1.3677 |
| Total | 0.4239 | 0.0299 | 1.3201 | 1.3200e-003 | | 0.0799 | 0.0799 | | 0.0799 | 0.0799 | 8.3913 | 17.4605 | 25.8518 | 0.0263 | 5.7000e-004 | 26.6795 |

7.0 Water Detail

7.1 Mitigation Measures Water

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|-------------|---------|
| Category | MT/yr | | | |
| Mitigated | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |
| Unmitigated | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |

7.2 Water by Land Use

Unmitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|--------------------|----------------|---------------|--------------------|----------------|
| Land Use | Mgal | MT/yr | | | |
| Congregate Care (Assisted Living) | 5.14717 / 3.24495 | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |
| Enclosed Parking with Elevator | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

| | Indoor/Outdoor Use | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|--------------------|----------------|---------------|--------------------|----------------|
| Land Use | Mgal | MT/yr | | | |
| Congregate Care (Assisted Living) | 5.14717 / 3.24495 | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |
| Enclosed Parking with Elevator | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 53.7780 | 0.1691 | 4.2400e-003 | 59.2686 |

8.0 Waste Detail

8.1 Mitigation Measures Waste

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|---------|
| | MT/yr | | | |
| Mitigated | 14.6336 | 0.8648 | 0.0000 | 36.2542 |
| Unmitigated | 14.6336 | 0.8648 | 0.0000 | 36.2542 |

8.2 Waste by Land Use

Unmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|----------------|----------------|---------------|---------------|----------------|
| Land Use | tons | MT/yr | | | |
| Congregate Care (Assisted Living) | 72.09 | 14.6336 | 0.8648 | 0.0000 | 36.2542 |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 14.6336 | 0.8648 | 0.0000 | 36.2542 |

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

8.2 Waste by Land Use

Mitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-----------------------------------|----------------|----------------|---------------|---------------|----------------|
| Land Use | tons | MT/yr | | | |
| Congregate Care (Assisted Living) | 72.09 | 14.6336 | 0.8648 | 0.0000 | 36.2542 |
| Enclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Unenclosed Parking with Elevator | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | 14.6336 | 0.8648 | 0.0000 | 36.2542 |

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

1809 Verdugo Blvd - South Coast AQMD Air District, Annual

11.0 Vegetation
