

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**1809 Verdugo Blvd**  
**South Coast AQMD Air District, Winter**

**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**

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

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

## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

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, Winter

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	23.2346	20.9896	16.2283	0.0333	5.8890	1.1536	6.7106	2.9774	1.0772	3.7333	0.0000	3,144.940 2	3,144.940 2	0.6009	0.0000	3,155.427 7
2021	23.2068	37.1798	22.7639	0.0435	8.9232	1.8080	10.7312	3.4534	1.6772	5.1306	0.0000	4,206.724 7	4,206.724 7	1.1388	0.0000	4,235.193 8
2022	23.1886	1.4464	2.2511	4.3700e-003	0.1565	0.0828	0.2393	0.0415	0.0828	0.1243	0.0000	421.2432	421.2432	0.0218	0.0000	421.7890
<b>Maximum</b>	<b>23.2346</b>	<b>37.1798</b>	<b>22.7639</b>	<b>0.0435</b>	<b>8.9232</b>	<b>1.8080</b>	<b>10.7312</b>	<b>3.4534</b>	<b>1.6772</b>	<b>5.1306</b>	<b>0.0000</b>	<b>4,206.724 7</b>	<b>4,206.724 7</b>	<b>1.1388</b>	<b>0.0000</b>	<b>4,235.193 8</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	23.2346	20.9896	16.2283	0.0333	1.8989	1.1536	2.7205	0.9453	1.0772	1.7012	0.0000	3,144.940 2	3,144.940 2	0.6009	0.0000	3,155.427 7
2021	23.2068	37.1798	22.7639	0.0435	2.9455	1.8080	4.7535	1.1203	1.6772	2.7975	0.0000	4,206.724 7	4,206.724 7	1.1388	0.0000	4,235.193 7
2022	23.1886	1.4464	2.2511	4.3700e-003	0.1565	0.0828	0.2393	0.0415	0.0828	0.1243	0.0000	421.2432	421.2432	0.0218	0.0000	421.7890
<b>Maximum</b>	<b>23.2346</b>	<b>37.1798</b>	<b>22.7639</b>	<b>0.0435</b>	<b>2.9455</b>	<b>1.8080</b>	<b>4.7535</b>	<b>1.1203</b>	<b>1.6772</b>	<b>2.7975</b>	<b>0.0000</b>	<b>4,206.724 7</b>	<b>4,206.724 7</b>	<b>1.1388</b>	<b>0.0000</b>	<b>4,235.193 7</b>

## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	66.59	0.00	56.38	67.44	0.00	48.57	0.00	0.00	0.00	0.00	0.00	0.00

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	21.6685	1.7145	46.7186	0.1028		6.0708	6.0708		6.0708	6.0708	739.9866	1,433.7750	2,173.7616	2.2182	0.0502	2,244.1839
Energy	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023
Mobile	0.3580	1.9664	4.7031	0.0181	1.5728	0.0146	1.5874	0.4208	0.0137	0.4345		1,847.1064	1,847.1064	0.0896		1,849.3469
<b>Total</b>	<b>22.0521</b>	<b>3.8999</b>	<b>51.5149</b>	<b>0.1224</b>	<b>1.5728</b>	<b>6.1031</b>	<b>7.6759</b>	<b>0.4208</b>	<b>6.1021</b>	<b>6.5230</b>	<b>739.9866</b>	<b>3,560.4225</b>	<b>4,300.4091</b>	<b>2.3132</b>	<b>0.0554</b>	<b>4,374.7330</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	21.6685	1.7145	46.7186	0.1028		6.0708	6.0708		6.0708	6.0708	739.9866	1,433.7750	2,173.7616	2.2182	0.0502	2,244.1839
Energy	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023
Mobile	0.3580	1.9664	4.7031	0.0181	1.5728	0.0146	1.5874	0.4208	0.0137	0.4345		1,847.1064	1,847.1064	0.0896		1,849.3469
<b>Total</b>	<b>22.0521</b>	<b>3.8999</b>	<b>51.5149</b>	<b>0.1224</b>	<b>1.5728</b>	<b>6.1031</b>	<b>7.6759</b>	<b>0.4208</b>	<b>6.1021</b>	<b>6.5230</b>	<b>739.9866</b>	<b>3,560.4225</b>	<b>4,300.4091</b>	<b>2.3132</b>	<b>0.0554</b>	<b>4,374.7330</b>

## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	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)

## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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
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

## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

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
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**



## 1809 Verdugo Blvd - South Coast AQMD Air District, Winter

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**

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					1.6049	0.0000	1.6049	0.2430	0.0000	0.2430			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
<b>Total</b>	<b>2.1262</b>	<b>20.9463</b>	<b>14.6573</b>	<b>0.0241</b>	<b>1.6049</b>	<b>1.1525</b>	<b>2.7574</b>	<b>0.2430</b>	<b>1.0761</b>	<b>1.3191</b>		<b>2,322.3127</b>	<b>2,322.3127</b>	<b>0.5970</b>		<b>2,337.2363</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0433	0.4785	1.4000e-003	0.1453	1.1000e-003	0.1464	0.0385	1.0200e-003	0.0396		139.1474	139.1474	3.9900e-003		139.2472
<b>Total</b>	<b>0.0642</b>	<b>0.0433</b>	<b>0.4785</b>	<b>1.4000e-003</b>	<b>0.1453</b>	<b>1.1000e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>1.0200e-003</b>	<b>0.0396</b>		<b>139.1474</b>	<b>139.1474</b>	<b>3.9900e-003</b>		<b>139.2472</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.2 Phase II Demolition - 2020**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5007	0.0000	0.5007	0.0758	0.0000	0.0758			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
<b>Total</b>	<b>2.1262</b>	<b>20.9463</b>	<b>14.6573</b>	<b>0.0241</b>	<b>0.5007</b>	<b>1.1525</b>	<b>1.6532</b>	<b>0.0758</b>	<b>1.0761</b>	<b>1.1520</b>	<b>0.0000</b>	<b>2,322.3127</b>	<b>2,322.3127</b>	<b>0.5970</b>		<b>2,337.2363</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0433	0.4785	1.4000e-003	0.1453	1.1000e-003	0.1464	0.0385	1.0200e-003	0.0396		139.1474	139.1474	3.9900e-003		139.2472
<b>Total</b>	<b>0.0642</b>	<b>0.0433</b>	<b>0.4785</b>	<b>1.4000e-003</b>	<b>0.1453</b>	<b>1.1000e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>1.0200e-003</b>	<b>0.0396</b>		<b>139.1474</b>	<b>139.1474</b>	<b>3.9900e-003</b>		<b>139.2472</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
<b>Total</b>	<b>1.6299</b>	<b>18.3464</b>	<b>7.7093</b>	<b>0.0172</b>	<b>5.7996</b>	<b>0.8210</b>	<b>6.6205</b>	<b>2.9537</b>	<b>0.7553</b>	<b>3.7090</b>		<b>1,667.4119</b>	<b>1,667.4119</b>	<b>0.5393</b>		<b>1,680.8937</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243		85.6292	85.6292	2.4600e-003		85.6906
<b>Total</b>	<b>0.0395</b>	<b>0.0266</b>	<b>0.2945</b>	<b>8.6000e-004</b>	<b>0.0894</b>	<b>6.8000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.2000e-004</b>	<b>0.0243</b>		<b>85.6292</b>	<b>85.6292</b>	<b>2.4600e-003</b>		<b>85.6906</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.3 Phase II Site Preparation - 2020**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8095	0.0000	1.8095	0.9216	0.0000	0.9216			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
<b>Total</b>	<b>1.6299</b>	<b>18.3464</b>	<b>7.7093</b>	<b>0.0172</b>	<b>1.8095</b>	<b>0.8210</b>	<b>2.6304</b>	<b>0.9216</b>	<b>0.7553</b>	<b>1.6768</b>	<b>0.0000</b>	<b>1,667.4119</b>	<b>1,667.4119</b>	<b>0.5393</b>		<b>1,680.8937</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243		85.6292	85.6292	2.4600e-003		85.6906
<b>Total</b>	<b>0.0395</b>	<b>0.0266</b>	<b>0.2945</b>	<b>8.6000e-004</b>	<b>0.0894</b>	<b>6.8000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.2000e-004</b>	<b>0.0243</b>		<b>85.6292</b>	<b>85.6292</b>	<b>2.4600e-003</b>		<b>85.6906</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					5.1404	0.0000	5.1404	2.5599	0.0000	2.5599			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
<b>Total</b>	<b>1.3498</b>	<b>15.0854</b>	<b>6.4543</b>	<b>0.0141</b>	<b>5.1404</b>	<b>0.6844</b>	<b>5.8248</b>	<b>2.5599</b>	<b>0.6296</b>	<b>3.1895</b>		<b>1,365.7183</b>	<b>1,365.7183</b>	<b>0.4417</b>		<b>1,376.7609</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243		85.6292	85.6292	2.4600e-003		85.6906
<b>Total</b>	<b>0.0395</b>	<b>0.0266</b>	<b>0.2945</b>	<b>8.6000e-004</b>	<b>0.0894</b>	<b>6.8000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.2000e-004</b>	<b>0.0243</b>		<b>85.6292</b>	<b>85.6292</b>	<b>2.4600e-003</b>		<b>85.6906</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.4 Phase II Grading - 2020**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6038	0.0000	1.6038	0.7987	0.0000	0.7987			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.718 3	1,365.718 3	0.4417		1,376.760 9
<b>Total</b>	<b>1.3498</b>	<b>15.0854</b>	<b>6.4543</b>	<b>0.0141</b>	<b>1.6038</b>	<b>0.6844</b>	<b>2.2882</b>	<b>0.7987</b>	<b>0.6296</b>	<b>1.4283</b>	<b>0.0000</b>	<b>1,365.718 3</b>	<b>1,365.718 3</b>	<b>0.4417</b>		<b>1,376.760 9</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243		85.6292	85.6292	2.4600e-003		85.6906
<b>Total</b>	<b>0.0395</b>	<b>0.0266</b>	<b>0.2945</b>	<b>8.6000e-004</b>	<b>0.0894</b>	<b>6.8000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.2000e-004</b>	<b>0.0243</b>		<b>85.6292</b>	<b>85.6292</b>	<b>2.4600e-003</b>		<b>85.6906</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
<b>Total</b>	<b>2.0305</b>	<b>14.7882</b>	<b>13.1881</b>	<b>0.0220</b>		<b>0.7960</b>	<b>0.7960</b>		<b>0.7688</b>	<b>0.7688</b>		<b>2,001.1595</b>	<b>2,001.1595</b>	<b>0.3715</b>		<b>2,010.4467</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0482	1.4676	0.3900	3.5000e-003	0.0896	7.3900e-003	0.0970	0.0258	7.0700e-003	0.0329		373.1179	373.1179	0.0259		373.7656
Worker	0.3553	0.2398	2.6502	7.7400e-003	0.8048	6.1000e-003	0.8109	0.2134	5.6200e-003	0.2191		770.6628	770.6628	0.0221		771.2153
<b>Total</b>	<b>0.4035</b>	<b>1.7073</b>	<b>3.0403</b>	<b>0.0112</b>	<b>0.8944</b>	<b>0.0135</b>	<b>0.9079</b>	<b>0.2392</b>	<b>0.0127</b>	<b>0.2519</b>		<b>1,143.7807</b>	<b>1,143.7807</b>	<b>0.0480</b>		<b>1,144.9810</b>



1809 Verdugo Blvd - South Coast AQMD Air District, Winter

### 3.5 Phase II Building Construction - 2020

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
<b>Total</b>	<b>2.0305</b>	<b>14.7882</b>	<b>13.1881</b>	<b>0.0220</b>		<b>0.7960</b>	<b>0.7960</b>		<b>0.7688</b>	<b>0.7688</b>	<b>0.0000</b>	<b>2,001.1595</b>	<b>2,001.1595</b>	<b>0.3715</b>		<b>2,010.4467</b>

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0482	1.4676	0.3900	3.5000e-003	0.0896	7.3900e-003	0.0970	0.0258	7.0700e-003	0.0329		373.1179	373.1179	0.0259		373.7656
Worker	0.3553	0.2398	2.6502	7.7400e-003	0.8048	6.1000e-003	0.8109	0.2134	5.6200e-003	0.2191		770.6628	770.6628	0.0221		771.2153
<b>Total</b>	<b>0.4035</b>	<b>1.7073</b>	<b>3.0403</b>	<b>0.0112</b>	<b>0.8944</b>	<b>0.0135</b>	<b>0.9079</b>	<b>0.2392</b>	<b>0.0127</b>	<b>0.2519</b>		<b>1,143.7807</b>	<b>1,143.7807</b>	<b>0.0480</b>		<b>1,144.9810</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328		1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8402</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>		<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0433	0.4785	1.4000e-003	0.1453	1.1000e-003	0.1464	0.0385	1.0200e-003	0.0396		139.1474	139.1474	3.9900e-003		139.2472
<b>Total</b>	<b>0.0642</b>	<b>0.0433</b>	<b>0.4785</b>	<b>1.4000e-003</b>	<b>0.1453</b>	<b>1.1000e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>1.0200e-003</b>	<b>0.0396</b>		<b>139.1474</b>	<b>139.1474</b>	<b>3.9900e-003</b>		<b>139.2472</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.6 Phase II Paving - 2020**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328	0.0000	1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8402</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>	<b>0.0000</b>	<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0642	0.0433	0.4785	1.4000e-003	0.1453	1.1000e-003	0.1464	0.0385	1.0200e-003	0.0396		139.1474	139.1474	3.9900e-003		139.2472
<b>Total</b>	<b>0.0642</b>	<b>0.0433</b>	<b>0.4785</b>	<b>1.4000e-003</b>	<b>0.1453</b>	<b>1.1000e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>1.0200e-003</b>	<b>0.0396</b>		<b>139.1474</b>	<b>139.1474</b>	<b>3.9900e-003</b>		<b>139.2472</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
<b>Total</b>	<b>23.1655</b>	<b>1.6838</b>	<b>1.8314</b>	<b>2.9700e-003</b>		<b>0.1109</b>	<b>0.1109</b>		<b>0.1109</b>	<b>0.1109</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0218</b>		<b>281.9928</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0466	0.5153	1.5000e-003	0.1565	1.1900e-003	0.1577	0.0415	1.0900e-003	0.0426		149.8511	149.8511	4.3000e-003		149.9585
<b>Total</b>	<b>0.0691</b>	<b>0.0466</b>	<b>0.5153</b>	<b>1.5000e-003</b>	<b>0.1565</b>	<b>1.1900e-003</b>	<b>0.1577</b>	<b>0.0415</b>	<b>1.0900e-003</b>	<b>0.0426</b>		<b>149.8511</b>	<b>149.8511</b>	<b>4.3000e-003</b>		<b>149.9585</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.7 Phase II Architectural Coating - 2020**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
<b>Total</b>	<b>23.1655</b>	<b>1.6838</b>	<b>1.8314</b>	<b>2.9700e-003</b>		<b>0.1109</b>	<b>0.1109</b>		<b>0.1109</b>	<b>0.1109</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0218</b>		<b>281.9928</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0466	0.5153	1.5000e-003	0.1565	1.1900e-003	0.1577	0.0415	1.0900e-003	0.0426		149.8511	149.8511	4.3000e-003		149.9585
<b>Total</b>	<b>0.0691</b>	<b>0.0466</b>	<b>0.5153</b>	<b>1.5000e-003</b>	<b>0.1565</b>	<b>1.1900e-003</b>	<b>0.1577</b>	<b>0.0415</b>	<b>1.0900e-003</b>	<b>0.0426</b>		<b>149.8511</b>	<b>149.8511</b>	<b>4.3000e-003</b>		<b>149.9585</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					2.8889	0.0000	2.8889	0.4374	0.0000	0.4374			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.717 1	2,322.717 1	0.5940		2,337.565 8
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>2.8889</b>	<b>1.0409</b>	<b>3.9298</b>	<b>0.4374</b>	<b>0.9715</b>	<b>1.4089</b>		<b>2,322.717 1</b>	<b>2,322.717 1</b>	<b>0.5940</b>		<b>2,337.565 8</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.0600</b>	<b>0.0390</b>	<b>0.4401</b>	<b>1.3500e-003</b>	<b>0.1453</b>	<b>1.0700e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>9.9000e-004</b>	<b>0.0395</b>		<b>134.6368</b>	<b>134.6368</b>	<b>3.6100e-003</b>		<b>134.7270</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.8 Phase III Demolition - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9013	0.0000	0.9013	0.1365	0.0000	0.1365			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
<b>Total</b>	<b>1.9930</b>	<b>19.6966</b>	<b>14.4925</b>	<b>0.0241</b>	<b>0.9013</b>	<b>1.0409</b>	<b>1.9422</b>	<b>0.1365</b>	<b>0.9715</b>	<b>1.1079</b>	<b>0.0000</b>	<b>2,322.7171</b>	<b>2,322.7171</b>	<b>0.5940</b>		<b>2,337.5658</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.0600</b>	<b>0.0390</b>	<b>0.4401</b>	<b>1.3500e-003</b>	<b>0.1453</b>	<b>1.0700e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>9.9000e-004</b>	<b>0.0395</b>		<b>134.6368</b>	<b>134.6368</b>	<b>3.6100e-003</b>		<b>134.7270</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
<b>Total</b>	<b>1.5558</b>	<b>17.4203</b>	<b>7.5605</b>	<b>0.0172</b>	<b>5.7996</b>	<b>0.7654</b>	<b>6.5650</b>	<b>2.9537</b>	<b>0.7041</b>	<b>3.6578</b>		<b>1,666.5174</b>	<b>1,666.5174</b>	<b>0.5390</b>		<b>1,679.9920</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>



1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.9 Phase III Site Preparation - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8095	0.0000	1.8095	0.9216	0.0000	0.9216			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
<b>Total</b>	<b>1.5558</b>	<b>17.4203</b>	<b>7.5605</b>	<b>0.0172</b>	<b>1.8095</b>	<b>0.7654</b>	<b>2.5748</b>	<b>0.9216</b>	<b>0.7041</b>	<b>1.6257</b>	<b>0.0000</b>	<b>1,666.5174</b>	<b>1,666.5174</b>	<b>0.5390</b>		<b>1,679.9920</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Fugitive Dust					5.0870	0.0000	5.0870	2.5518	0.0000	2.5518			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
<b>Total</b>	<b>1.2884</b>	<b>14.3307</b>	<b>6.3314</b>	<b>0.0141</b>	<b>5.0870</b>	<b>0.6379</b>	<b>5.7249</b>	<b>2.5518</b>	<b>0.5869</b>	<b>3.1387</b>		<b>1,365.0648</b>	<b>1,365.0648</b>	<b>0.4415</b>		<b>1,376.1020</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.10 Phase III Grading - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5871	0.0000	1.5871	0.7962	0.0000	0.7962			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
<b>Total</b>	<b>1.2884</b>	<b>14.3307</b>	<b>6.3314</b>	<b>0.0141</b>	<b>1.5871</b>	<b>0.6379</b>	<b>2.2251</b>	<b>0.7962</b>	<b>0.5869</b>	<b>1.3830</b>	<b>0.0000</b>	<b>1,365.0648</b>	<b>1,365.0648</b>	<b>0.4415</b>		<b>1,376.1020</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243		82.8534	82.8534	2.2200e-003		82.9089
<b>Total</b>	<b>0.0369</b>	<b>0.0240</b>	<b>0.2708</b>	<b>8.3000e-004</b>	<b>0.0894</b>	<b>6.6000e-004</b>	<b>0.0901</b>	<b>0.0237</b>	<b>6.1000e-004</b>	<b>0.0243</b>		<b>82.8534</b>	<b>82.8534</b>	<b>2.2200e-003</b>		<b>82.9089</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
<b>Total</b>	<b>1.8125</b>	<b>13.6361</b>	<b>12.8994</b>	<b>0.0221</b>		<b>0.6843</b>	<b>0.6843</b>		<b>0.6608</b>	<b>0.6608</b>		<b>2,001.2200</b>	<b>2,001.2200</b>	<b>0.3573</b>		<b>2,010.1517</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0410	1.3310	0.3546	3.4700e-003	0.0896	2.7700e-003	0.0924	0.0258	2.6500e-003	0.0285		370.3703	370.3703	0.0248		370.9898
Worker	0.3321	0.2158	2.4375	7.4800e-003	0.8048	5.9200e-003	0.8107	0.2134	5.4600e-003	0.2189		745.6809	745.6809	0.0200		746.1805
<b>Total</b>	<b>0.3731</b>	<b>1.5468</b>	<b>2.7921</b>	<b>0.0110</b>	<b>0.8944</b>	<b>8.6900e-003</b>	<b>0.9031</b>	<b>0.2392</b>	<b>8.1100e-003</b>	<b>0.2473</b>		<b>1,116.0511</b>	<b>1,116.0511</b>	<b>0.0448</b>		<b>1,117.1703</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.11 Phase III Building Construction - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
<b>Total</b>	<b>1.8125</b>	<b>13.6361</b>	<b>12.8994</b>	<b>0.0221</b>		<b>0.6843</b>	<b>0.6843</b>		<b>0.6608</b>	<b>0.6608</b>	<b>0.0000</b>	<b>2,001.2200</b>	<b>2,001.2200</b>	<b>0.3573</b>		<b>2,010.1517</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0410	1.3310	0.3546	3.4700e-003	0.0896	2.7700e-003	0.0924	0.0258	2.6500e-003	0.0285		370.3703	370.3703	0.0248		370.9898
Worker	0.3321	0.2158	2.4375	7.4800e-003	0.8048	5.9200e-003	0.8107	0.2134	5.4600e-003	0.2189		745.6809	745.6809	0.0200		746.1805
<b>Total</b>	<b>0.3731</b>	<b>1.5468</b>	<b>2.7921</b>	<b>0.0110</b>	<b>0.8944</b>	<b>8.6900e-003</b>	<b>0.9031</b>	<b>0.2392</b>	<b>8.1100e-003</b>	<b>0.2473</b>		<b>1,116.0511</b>	<b>1,116.0511</b>	<b>0.0448</b>		<b>1,117.1703</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7739</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>		<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.0600</b>	<b>0.0390</b>	<b>0.4401</b>	<b>1.3500e-003</b>	<b>0.1453</b>	<b>1.0700e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>9.9000e-004</b>	<b>0.0395</b>		<b>134.6368</b>	<b>134.6368</b>	<b>3.6100e-003</b>		<b>134.7270</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.12 Phase III Paving - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7739</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>	<b>0.0000</b>	<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0600	0.0390	0.4401	1.3500e-003	0.1453	1.0700e-003	0.1464	0.0385	9.9000e-004	0.0395		134.6368	134.6368	3.6100e-003		134.7270
<b>Total</b>	<b>0.0600</b>	<b>0.0390</b>	<b>0.4401</b>	<b>1.3500e-003</b>	<b>0.1453</b>	<b>1.0700e-003</b>	<b>0.1464</b>	<b>0.0385</b>	<b>9.9000e-004</b>	<b>0.0395</b>		<b>134.6368</b>	<b>134.6368</b>	<b>3.6100e-003</b>		<b>134.7270</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>23.1422</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0646	0.0420	0.4740	1.4500e-003	0.1565	1.1500e-003	0.1576	0.0415	1.0600e-003	0.0426		144.9935	144.9935	3.8900e-003		145.0907
<b>Total</b>	<b>0.0646</b>	<b>0.0420</b>	<b>0.4740</b>	<b>1.4500e-003</b>	<b>0.1565</b>	<b>1.1500e-003</b>	<b>0.1576</b>	<b>0.0415</b>	<b>1.0600e-003</b>	<b>0.0426</b>		<b>144.9935</b>	<b>144.9935</b>	<b>3.8900e-003</b>		<b>145.0907</b>



1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**3.13 Phase III Architectural Coating - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>23.1422</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0646	0.0420	0.4740	1.4500e-003	0.1565	1.1500e-003	0.1576	0.0415	1.0600e-003	0.0426		144.9935	144.9935	3.8900e-003		145.0907
<b>Total</b>	<b>0.0646</b>	<b>0.0420</b>	<b>0.4740</b>	<b>1.4500e-003</b>	<b>0.1565</b>	<b>1.1500e-003</b>	<b>0.1576</b>	<b>0.0415</b>	<b>1.0600e-003</b>	<b>0.0426</b>		<b>144.9935</b>	<b>144.9935</b>	<b>3.8900e-003</b>		<b>145.0907</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**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	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>23.1279</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0379	0.4375	1.4000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		139.7951	139.7951	3.5100e-003		139.8828
<b>Total</b>	<b>0.0607</b>	<b>0.0379</b>	<b>0.4375</b>	<b>1.4000e-003</b>	<b>0.1565</b>	<b>1.1200e-003</b>	<b>0.1576</b>	<b>0.0415</b>	<b>1.0300e-003</b>	<b>0.0425</b>		<b>139.7951</b>	<b>139.7951</b>	<b>3.5100e-003</b>		<b>139.8828</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

### 3.13 Phase III Architectural Coating - 2022

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.9233					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>23.1279</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0379	0.4375	1.4000e-003	0.1565	1.1200e-003	0.1576	0.0415	1.0300e-003	0.0425		139.7951	139.7951	3.5100e-003		139.8828
<b>Total</b>	<b>0.0607</b>	<b>0.0379</b>	<b>0.4375</b>	<b>1.4000e-003</b>	<b>0.1565</b>	<b>1.1200e-003</b>	<b>0.1576</b>	<b>0.0415</b>	<b>1.0300e-003</b>	<b>0.0425</b>		<b>139.7951</b>	<b>139.7951</b>	<b>3.5100e-003</b>		<b>139.8828</b>

### 4.0 Operational Detail - Mobile

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3580	1.9664	4.7031	0.0181	1.5728	0.0146	1.5874	0.4208	0.0137	0.4345		1,847.1064	1,847.1064	0.0896		1,849.3469
Unmitigated	0.3580	1.9664	4.7031	0.0181	1.5728	0.0146	1.5874	0.4208	0.0137	0.4345		1,847.1064	1,847.1064	0.0896		1,849.3469

### 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		
<b>Total</b>	<b>216.46</b>	<b>173.80</b>	<b>192.76</b>	<b>707,282</b>	<b>707,282</b>

### 4.3 Trip Type Information

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

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 Living)	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 Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
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**

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023
NaturalGas Unmitigated	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Congregate Care (Assisted Living)	2376.1	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0256</b>	<b>0.2190</b>	<b>0.0932</b>	<b>1.4000e-003</b>		<b>0.0177</b>	<b>0.0177</b>		<b>0.0177</b>	<b>0.0177</b>		<b>279.5411</b>	<b>279.5411</b>	<b>5.3600e-003</b>	<b>5.1200e-003</b>	<b>281.2023</b>

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

## 5.2 Energy by Land Use - NaturalGas

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Congregate Care (Assisted Living)	2.3761	0.0256	0.2190	0.0932	1.4000e-003		0.0177	0.0177		0.0177	0.0177		279.5411	279.5411	5.3600e-003	5.1200e-003	281.2023
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
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0256</b>	<b>0.2190</b>	<b>0.0932</b>	<b>1.4000e-003</b>		<b>0.0177</b>	<b>0.0177</b>		<b>0.0177</b>	<b>0.0177</b>		<b>279.5411</b>	<b>279.5411</b>	<b>5.3600e-003</b>	<b>5.1200e-003</b>	<b>281.2023</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Exterior

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	21.6685	1.7145	46.7186	0.1028		6.0708	6.0708		6.0708	6.0708	739.9866	1,433.7750	2,173.7616	2.2182	0.0502	2,244.1839
Unmitigated	21.6685	1.7145	46.7186	0.1028		6.0708	6.0708		6.0708	6.0708	739.9866	1,433.7750	2,173.7616	2.2182	0.0502	2,244.1839

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0628					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7060					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	20.7008	1.6391	40.1756	0.1025		6.0347	6.0347		6.0347	6.0347	739.9866	1,422.0000	2,161.9866	2.2068	0.0502	2,232.1232
Landscaping	0.1988	0.0754	6.5430	3.5000e-004		0.0361	0.0361		0.0361	0.0361		11.7750	11.7750	0.0114		12.0607
<b>Total</b>	<b>21.6685</b>	<b>1.7145</b>	<b>46.7186</b>	<b>0.1028</b>		<b>6.0708</b>	<b>6.0708</b>		<b>6.0708</b>	<b>6.0708</b>	<b>739.9866</b>	<b>1,433.7750</b>	<b>2,173.7616</b>	<b>2.2182</b>	<b>0.0502</b>	<b>2,244.1839</b>



1809 Verdugo Blvd - South Coast AQMD Air District, Winter

### 6.2 Area by SubCategory

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0628					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7060					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	20.7008	1.6391	40.1756	0.1025		6.0347	6.0347		6.0347	6.0347	739.9866	1,422.0000	2,161.9866	2.2068	0.0502	2,232.1232
Landscaping	0.1988	0.0754	6.5430	3.5000e-004		0.0361	0.0361		0.0361	0.0361		11.7750	11.7750	0.0114		12.0607
<b>Total</b>	<b>21.6685</b>	<b>1.7145</b>	<b>46.7186</b>	<b>0.1028</b>		<b>6.0708</b>	<b>6.0708</b>		<b>6.0708</b>	<b>6.0708</b>	<b>739.9866</b>	<b>1,433.7750</b>	<b>2,173.7616</b>	<b>2.2182</b>	<b>0.0502</b>	<b>2,244.1839</b>

### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

### 8.0 Waste Detail

#### 8.1 Mitigation Measures Waste

### 9.0 Operational Offroad

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

### 10.0 Stationary Equipment

1809 Verdugo Blvd - South Coast AQMD Air District, Winter

**Fire Pumps and Emergency Generators**

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

**Boilers**

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

**User Defined Equipment**

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

**11.0 Vegetation**

---