

# Appendix AQ

---

Air Quality/Greenhouse Gas Model Files

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**2118 Milvia Street Project - AQ**  
**Bay Area AQMD Air District, Annual**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	60.00	1000sqft	0.26	60,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2025
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

Project Characteristics - Project would enroll in East Bay Community Power Brilliant 100 (100% carbon-free electricity)

Land Use - Lot acreage per project site details

Construction Phase - Construction schedule per College, architectural coating starts halfway through building construction

Off-road Equipment -

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Demolition - 25 ksf is existing sf of building to be demolished

Grading - Export per College

Architectural Coating - per BAAQMD Reg 8 Rule 3

Vehicle Trips - Weekday trip rate per TIS

Energy Use - Electricity use reduced by 30% per 2019 Title 24. No natural gas use.

Water And Wastewater - No outdoor water use per site plan

Construction Off-road Equipment Mitigation - per College: watering 2x daily

Mobile Land Use Mitigation -

Energy Mitigation - Project includes solar panels; however, sizing information not provided.

Water Mitigation - Indoor water use reduced 20% per 2016 CalGreen.

Stationary Sources - Emergency Generators and Fire Pumps - Per BAAQMD Regulation 8 Rule 9, operational hours were assumed to be 50 hours per year for testing and maintenance

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	100.00
tblConstructionPhase	NumDays	5.00	200.00
tblConstructionPhase	NumDays	100.00	523.00
tblConstructionPhase	NumDays	10.00	67.00
tblConstructionPhase	NumDays	2.00	32.00
tblConstructionPhase	NumDays	1.00	33.00
tblEnergyUse	NT24NG	0.74	0.00
tblEnergyUse	T24E	4.14	2.90
tblEnergyUse	T24NG	33.46	0.00
tblGrading	MaterialExported	0.00	1,500.00
tblLandUse	LotAcreage	1.38	0.26
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	359.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	WD_TR	27.49	13.30
tblWater	OutdoorWaterUseRate	4,603,063.05	0.00

## 2.0 Emissions Summary

---

## 2118 Milvia Street Project - AQ - Bay Area 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					
2022	0.0508	0.4898	0.4057	7.9000e-004	0.0155	0.0235	0.0390	2.7500e-003	0.0220	0.0248	0.0000	69.4791	69.4791	0.0160	0.0000	69.8794
2023	0.1111	1.0755	1.0639	2.3300e-003	0.1353	0.0464	0.1817	0.0620	0.0439	0.1059	0.0000	206.2035	206.2035	0.0353	0.0000	207.0870
2024	0.2973	1.0286	1.2188	2.5700e-003	0.0371	0.0430	0.0800	0.0101	0.0411	0.0511	0.0000	227.0590	227.0590	0.0325	0.0000	227.8724
2025	0.1267	0.2814	0.3676	7.5000e-004	0.0106	0.0111	0.0217	2.8600e-003	0.0106	0.0135	0.0000	66.5077	66.5077	9.5100e-003	0.0000	66.7455
<b>Maximum</b>	<b>0.2973</b>	<b>1.0755</b>	<b>1.2188</b>	<b>2.5700e-003</b>	<b>0.1353</b>	<b>0.0464</b>	<b>0.1817</b>	<b>0.0620</b>	<b>0.0439</b>	<b>0.1059</b>	<b>0.0000</b>	<b>227.0590</b>	<b>227.0590</b>	<b>0.0353</b>	<b>0.0000</b>	<b>227.8724</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**2.1 Overall Construction**

**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					
2022	0.0508	0.4898	0.4057	7.9000e-004	8.9000e-003	0.0235	0.0324	1.7600e-003	0.0220	0.0238	0.0000	69.4790	69.4790	0.0160	0.0000	69.8794
2023	0.1111	1.0755	1.0639	2.3300e-003	0.0772	0.0464	0.1236	0.0323	0.0439	0.0762	0.0000	206.2033	206.2033	0.0353	0.0000	207.0868
2024	0.2973	1.0286	1.2188	2.5700e-003	0.0371	0.0430	0.0800	0.0101	0.0411	0.0511	0.0000	227.0588	227.0588	0.0325	0.0000	227.8722
2025	0.1267	0.2814	0.3676	7.5000e-004	0.0106	0.0111	0.0217	2.8600e-003	0.0106	0.0135	0.0000	66.5077	66.5077	9.5100e-003	0.0000	66.7455
<b>Maximum</b>	<b>0.2973</b>	<b>1.0755</b>	<b>1.2188</b>	<b>2.5700e-003</b>	<b>0.0772</b>	<b>0.0464</b>	<b>0.1236</b>	<b>0.0323</b>	<b>0.0439</b>	<b>0.0762</b>	<b>0.0000</b>	<b>227.0588</b>	<b>227.0588</b>	<b>0.0353</b>	<b>0.0000</b>	<b>227.8722</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>32.58</b>	<b>0.00</b>	<b>20.05</b>	<b>39.49</b>	<b>0.00</b>	<b>15.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-3-2022	1-2-2023	0.5448	0.5448
2	1-3-2023	4-2-2023	0.3418	0.3418
3	4-3-2023	7-2-2023	0.2811	0.2811
4	7-3-2023	10-2-2023	0.2804	0.2804
5	10-3-2023	1-2-2024	0.2806	0.2806
6	1-3-2024	4-2-2024	0.2605	0.2605
7	4-3-2024	7-2-2024	0.2629	0.2629
8	7-3-2024	10-2-2024	0.4008	0.4008

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

9	10-3-2024	1-2-2025	0.4010	0.4010
10	1-3-2025	4-2-2025	0.3724	0.3724
11	4-3-2025	7-2-2025	0.0228	0.0228
		Highest	0.5448	0.5448

**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	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1419	0.6667	1.6493	6.6600e-003	0.6393	5.4000e-003	0.6447	0.1716	5.0400e-003	0.1766	0.0000	613.3228	613.3228	0.0202	0.0000	613.8284
Stationary	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
Waste						0.0000	0.0000		0.0000	0.0000	15.8333	0.0000	15.8333	0.9357	0.0000	39.2263
Water						0.0000	0.0000		0.0000	0.0000	0.9337	0.0000	0.9337	0.0959	2.2600e-003	4.0058
<b>Total</b>	<b>0.4223</b>	<b>0.7079</b>	<b>1.6874</b>	<b>6.7300e-003</b>	<b>0.6393</b>	<b>7.5700e-003</b>	<b>0.6469</b>	<b>0.1716</b>	<b>7.2100e-003</b>	<b>0.1788</b>	<b>16.7670</b>	<b>620.1592</b>	<b>636.9261</b>	<b>1.0528</b>	<b>2.2600e-003</b>	<b>663.9209</b>

2118 Milvia Street Project - AQ - Bay Area 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	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1419	0.6667	1.6493	6.6600e-003	0.6393	5.4000e-003	0.6447	0.1716	5.0400e-003	0.1766	0.0000	613.3228	613.3228	0.0202	0.0000	613.8284
Stationary	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
Waste						0.0000	0.0000		0.0000	0.0000	15.8333	0.0000	15.8333	0.9357	0.0000	39.2263
Water						0.0000	0.0000		0.0000	0.0000	0.7469	0.0000	0.7469	0.0767	1.8100e-003	3.2047
<b>Total</b>	<b>0.4223</b>	<b>0.7079</b>	<b>1.6874</b>	<b>6.7300e-003</b>	<b>0.6393</b>	<b>7.5700e-003</b>	<b>0.6469</b>	<b>0.1716</b>	<b>7.2100e-003</b>	<b>0.1788</b>	<b>16.5802</b>	<b>620.1592</b>	<b>636.7394</b>	<b>1.0336</b>	<b>1.8100e-003</b>	<b>663.1198</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.11</b>	<b>0.00</b>	<b>0.03</b>	<b>1.82</b>	<b>19.91</b>	<b>0.12</b>

**3.0 Construction Detail**

**Construction Phase**



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	1/3/2023	5	67	
2	Site Preparation	Site Preparation	1/4/2023	2/19/2023	5	33	
3	Grading	Grading	2/20/2023	4/4/2023	5	32	
4	Building Construction	Building Construction	4/5/2023	4/4/2025	5	523	
5	Architectural Coating	Architectural Coating	7/1/2024	4/4/2025	5	200	
6	Paving	Paving	4/5/2025	4/11/2025	5	5	

**Acres of Grading (Site Preparation Phase): 16.5**

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rollers	1	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	7.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

**Trips and VMT**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

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
Demolition	4	10.00	0.00	114.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	25.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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					
Fugitive Dust					0.0119	0.0000	0.0119	1.8100e-003	0.0000	1.8100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0494	0.4754	0.3959	7.2000e-004		0.0234	0.0234		0.0220	0.0220	0.0000	63.2611	63.2611	0.0158	0.0000	63.6552
<b>Total</b>	<b>0.0494</b>	<b>0.4754</b>	<b>0.3959</b>	<b>7.2000e-004</b>	<b>0.0119</b>	<b>0.0234</b>	<b>0.0354</b>	<b>1.8100e-003</b>	<b>0.0220</b>	<b>0.0238</b>	<b>0.0000</b>	<b>63.2611</b>	<b>63.2611</b>	<b>0.0158</b>	<b>0.0000</b>	<b>63.6552</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.2 Demolition - 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	4.1000e-004	0.0137	3.1200e-003	4.0000e-005	9.6000e-004	4.0000e-005	1.0000e-003	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	4.1266	4.1266	2.1000e-004	0.0000	4.1318
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	9.3000e-004	6.2000e-004	6.7000e-003	2.0000e-005	2.5700e-003	2.0000e-005	2.5800e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.0914	2.0914	4.0000e-005	0.0000	2.0925
<b>Total</b>	<b>1.3400e-003</b>	<b>0.0143</b>	<b>9.8200e-003</b>	<b>6.0000e-005</b>	<b>3.5300e-003</b>	<b>6.0000e-005</b>	<b>3.5800e-003</b>	<b>9.4000e-004</b>	<b>6.0000e-005</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>6.2180</b>	<b>6.2180</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>6.2243</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3700e-003	0.0000	5.3700e-003	8.1000e-004	0.0000	8.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0494	0.4754	0.3959	7.2000e-004		0.0234	0.0234		0.0220	0.0220	0.0000	63.2610	63.2610	0.0158	0.0000	63.6551
<b>Total</b>	<b>0.0494</b>	<b>0.4754</b>	<b>0.3959</b>	<b>7.2000e-004</b>	<b>5.3700e-003</b>	<b>0.0234</b>	<b>0.0288</b>	<b>8.1000e-004</b>	<b>0.0220</b>	<b>0.0228</b>	<b>0.0000</b>	<b>63.2610</b>	<b>63.2610</b>	<b>0.0158</b>	<b>0.0000</b>	<b>63.6551</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.2 Demolition - 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	4.1000e-004	0.0137	3.1200e-003	4.0000e-005	9.6000e-004	4.0000e-005	1.0000e-003	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	4.1266	4.1266	2.1000e-004	0.0000	4.1318
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	9.3000e-004	6.2000e-004	6.7000e-003	2.0000e-005	2.5700e-003	2.0000e-005	2.5800e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.0914	2.0914	4.0000e-005	0.0000	2.0925
<b>Total</b>	<b>1.3400e-003</b>	<b>0.0143</b>	<b>9.8200e-003</b>	<b>6.0000e-005</b>	<b>3.5300e-003</b>	<b>6.0000e-005</b>	<b>3.5800e-003</b>	<b>9.4000e-004</b>	<b>6.0000e-005</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>6.2180</b>	<b>6.2180</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>6.2243</b>

**3.2 Demolition - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.7000e-004	0.0000	3.7000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3200e-003	0.0124	0.0117	2.0000e-005		5.8000e-004	5.8000e-004		5.5000e-004	5.5000e-004	0.0000	1.9468	1.9468	4.8000e-004	0.0000	1.9588
<b>Total</b>	<b>1.3200e-003</b>	<b>0.0124</b>	<b>0.0117</b>	<b>2.0000e-005</b>	<b>3.7000e-004</b>	<b>5.8000e-004</b>	<b>9.5000e-004</b>	<b>6.0000e-005</b>	<b>5.5000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>1.9468</b>	<b>1.9468</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.9588</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.2 Demolition - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	7.3000e-004	0.0000	7.3000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1221	0.1221	1.0000e-005	0.0000	0.1223
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	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0619	0.0619	0.0000	0.0000	0.0619
<b>Total</b>	<b>4.0000e-005</b>	<b>3.0000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.1840</b>	<b>0.1840</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1842</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3200e-003	0.0124	0.0117	2.0000e-005		5.8000e-004	5.8000e-004		5.5000e-004	5.5000e-004	0.0000	1.9468	1.9468	4.8000e-004	0.0000	1.9588
<b>Total</b>	<b>1.3200e-003</b>	<b>0.0124</b>	<b>0.0117</b>	<b>2.0000e-005</b>	<b>1.7000e-004</b>	<b>5.8000e-004</b>	<b>7.5000e-004</b>	<b>3.0000e-005</b>	<b>5.5000e-004</b>	<b>5.8000e-004</b>	<b>0.0000</b>	<b>1.9468</b>	<b>1.9468</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.9588</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.2 Demolition - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	7.3000e-004	0.0000	7.3000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1221	0.1221	1.0000e-005	0.0000	0.1223
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	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0619	0.0619	0.0000	0.0000	0.0619
<b>Total</b>	<b>4.0000e-005</b>	<b>3.0000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.1840</b>	<b>0.1840</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1842</b>

**3.3 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.8300e-003	0.0000	8.8300e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8200e-003	0.1021	0.0648	1.6000e-004		3.7400e-003	3.7400e-003		3.4400e-003	3.4400e-003	0.0000	14.1068	14.1068	4.5600e-003	0.0000	14.2209
<b>Total</b>	<b>8.8200e-003</b>	<b>0.1021</b>	<b>0.0648</b>	<b>1.6000e-004</b>	<b>8.8300e-003</b>	<b>3.7400e-003</b>	<b>0.0126</b>	<b>9.6000e-004</b>	<b>3.4400e-003</b>	<b>4.4000e-003</b>	<b>0.0000</b>	<b>14.1068</b>	<b>14.1068</b>	<b>4.5600e-003</b>	<b>0.0000</b>	<b>14.2209</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0156	4.8100e-003	7.0000e-005	1.5900e-003	3.0000e-005	1.6200e-003	4.4000e-004	3.0000e-005	4.6000e-004	0.0000	6.7473	6.7473	3.2000e-004	0.0000	6.7553
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	2.2000e-004	1.4000e-004	1.5600e-003	1.0000e-005	6.5000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5106	0.5106	1.0000e-005	0.0000	0.5108
<b>Total</b>	<b>7.0000e-004</b>	<b>0.0157</b>	<b>6.3700e-003</b>	<b>8.0000e-005</b>	<b>2.2400e-003</b>	<b>3.0000e-005</b>	<b>2.2800e-003</b>	<b>6.1000e-004</b>	<b>3.0000e-005</b>	<b>6.4000e-004</b>	<b>0.0000</b>	<b>7.2579</b>	<b>7.2579</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>7.2661</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8200e-003	0.1021	0.0647	1.6000e-004		3.7400e-003	3.7400e-003		3.4400e-003	3.4400e-003	0.0000	14.1068	14.1068	4.5600e-003	0.0000	14.2209
<b>Total</b>	<b>8.8200e-003</b>	<b>0.1021</b>	<b>0.0647</b>	<b>1.6000e-004</b>	<b>3.9800e-003</b>	<b>3.7400e-003</b>	<b>7.7200e-003</b>	<b>4.3000e-004</b>	<b>3.4400e-003</b>	<b>3.8700e-003</b>	<b>0.0000</b>	<b>14.1068</b>	<b>14.1068</b>	<b>4.5600e-003</b>	<b>0.0000</b>	<b>14.2209</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0156	4.8100e-003	7.0000e-005	1.5900e-003	3.0000e-005	1.6200e-003	4.4000e-004	3.0000e-005	4.6000e-004	0.0000	6.7473	6.7473	3.2000e-004	0.0000	6.7553
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	2.2000e-004	1.4000e-004	1.5600e-003	1.0000e-005	6.5000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5106	0.5106	1.0000e-005	0.0000	0.5108
<b>Total</b>	<b>7.0000e-004</b>	<b>0.0157</b>	<b>6.3700e-003</b>	<b>8.0000e-005</b>	<b>2.2400e-003</b>	<b>3.0000e-005</b>	<b>2.2800e-003</b>	<b>6.1000e-004</b>	<b>3.0000e-005</b>	<b>6.4000e-004</b>	<b>0.0000</b>	<b>7.2579</b>	<b>7.2579</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>7.2661</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0964	0.0000	0.0964	0.0530	0.0000	0.0530	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.1996	0.1646	3.2000e-004		9.5100e-003	9.5100e-003		8.9200e-003	8.9200e-003	0.0000	27.5778	27.5778	6.5600e-003	0.0000	27.7418
<b>Total</b>	<b>0.0206</b>	<b>0.1996</b>	<b>0.1646</b>	<b>3.2000e-004</b>	<b>0.0964</b>	<b>9.5100e-003</b>	<b>0.1059</b>	<b>0.0530</b>	<b>8.9200e-003</b>	<b>0.0619</b>	<b>0.0000</b>	<b>27.5778</b>	<b>27.5778</b>	<b>6.5600e-003</b>	<b>0.0000</b>	<b>27.7418</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.0300e-003	1.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9902	0.9902	2.0000e-005	0.0000	0.9907
<b>Total</b>	<b>4.3000e-004</b>	<b>2.7000e-004</b>	<b>3.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>0.9902</b>	<b>0.9902</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9907</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0434	0.0000	0.0434	0.0238	0.0000	0.0238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.1996	0.1646	3.2000e-004		9.5100e-003	9.5100e-003		8.9200e-003	8.9200e-003	0.0000	27.5778	27.5778	6.5600e-003	0.0000	27.7418
<b>Total</b>	<b>0.0206</b>	<b>0.1996</b>	<b>0.1646</b>	<b>3.2000e-004</b>	<b>0.0434</b>	<b>9.5100e-003</b>	<b>0.0529</b>	<b>0.0238</b>	<b>8.9200e-003</b>	<b>0.0328</b>	<b>0.0000</b>	<b>27.5778</b>	<b>27.5778</b>	<b>6.5600e-003</b>	<b>0.0000</b>	<b>27.7418</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.0300e-003	1.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9902	0.9902	2.0000e-005	0.0000	0.9907
<b>Total</b>	<b>4.3000e-004</b>	<b>2.7000e-004</b>	<b>3.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>0.9902</b>	<b>0.9902</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9907</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0706	0.6674	0.7462	1.3200e-003		0.0323	0.0323		0.0308	0.0308	0.0000	115.1233	115.1233	0.0221	0.0000	115.6755
<b>Total</b>	<b>0.0706</b>	<b>0.6674</b>	<b>0.7462</b>	<b>1.3200e-003</b>		<b>0.0323</b>	<b>0.0323</b>		<b>0.0308</b>	<b>0.0308</b>	<b>0.0000</b>	<b>115.1233</b>	<b>115.1233</b>	<b>0.0221</b>	<b>0.0000</b>	<b>115.6755</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0736	0.0212	2.5000e-004	6.3300e-003	8.0000e-005	6.4100e-003	1.8300e-003	8.0000e-005	1.9100e-003	0.0000	24.0868	24.0868	1.0000e-003	0.0000	24.1118
Worker	6.4500e-003	4.1200e-003	0.0457	1.6000e-004	0.0191	1.2000e-004	0.0192	5.0700e-003	1.1000e-004	5.1800e-003	0.0000	14.9299	14.9299	2.9000e-004	0.0000	14.9372
<b>Total</b>	<b>8.5900e-003</b>	<b>0.0777</b>	<b>0.0669</b>	<b>4.1000e-004</b>	<b>0.0254</b>	<b>2.0000e-004</b>	<b>0.0256</b>	<b>6.9000e-003</b>	<b>1.9000e-004</b>	<b>7.0900e-003</b>	<b>0.0000</b>	<b>39.0167</b>	<b>39.0167</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>39.0490</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0706	0.6674	0.7462	1.3200e-003		0.0323	0.0323		0.0308	0.0308	0.0000	115.1232	115.1232	0.0221	0.0000	115.6754
<b>Total</b>	<b>0.0706</b>	<b>0.6674</b>	<b>0.7462</b>	<b>1.3200e-003</b>		<b>0.0323</b>	<b>0.0323</b>		<b>0.0308</b>	<b>0.0308</b>	<b>0.0000</b>	<b>115.1232</b>	<b>115.1232</b>	<b>0.0221</b>	<b>0.0000</b>	<b>115.6754</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0736	0.0212	2.5000e-004	6.3300e-003	8.0000e-005	6.4100e-003	1.8300e-003	8.0000e-005	1.9100e-003	0.0000	24.0868	24.0868	1.0000e-003	0.0000	24.1118
Worker	6.4500e-003	4.1200e-003	0.0457	1.6000e-004	0.0191	1.2000e-004	0.0192	5.0700e-003	1.1000e-004	5.1800e-003	0.0000	14.9299	14.9299	2.9000e-004	0.0000	14.9372
<b>Total</b>	<b>8.5900e-003</b>	<b>0.0777</b>	<b>0.0669</b>	<b>4.1000e-004</b>	<b>0.0254</b>	<b>2.0000e-004</b>	<b>0.0256</b>	<b>6.9000e-003</b>	<b>1.9000e-004</b>	<b>7.0900e-003</b>	<b>0.0000</b>	<b>39.0167</b>	<b>39.0167</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>39.0490</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0899	0.8439	1.0083	1.8000e-003		0.0386	0.0386		0.0368	0.0368	0.0000	156.3033	156.3033	0.0299	0.0000	157.0498
<b>Total</b>	<b>0.0899</b>	<b>0.8439</b>	<b>1.0083</b>	<b>1.8000e-003</b>		<b>0.0386</b>	<b>0.0386</b>		<b>0.0368</b>	<b>0.0368</b>	<b>0.0000</b>	<b>156.3033</b>	<b>156.3033</b>	<b>0.0299</b>	<b>0.0000</b>	<b>157.0498</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8100e-003	0.0988	0.0277	3.4000e-004	8.5900e-003	1.1000e-004	8.7000e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.4774	32.4774	1.3300e-003	0.0000	32.5108
Worker	8.2300e-003	5.0500e-003	0.0575	2.2000e-004	0.0259	1.6000e-004	0.0260	6.8800e-003	1.5000e-004	7.0300e-003	0.0000	19.4654	19.4654	3.6000e-004	0.0000	19.4743
<b>Total</b>	<b>0.0110</b>	<b>0.1039</b>	<b>0.0852</b>	<b>5.6000e-004</b>	<b>0.0345</b>	<b>2.7000e-004</b>	<b>0.0347</b>	<b>9.3600e-003</b>	<b>2.6000e-004</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>51.9428</b>	<b>51.9428</b>	<b>1.6900e-003</b>	<b>0.0000</b>	<b>51.9851</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0899	0.8438	1.0083	1.8000e-003		0.0386	0.0386		0.0368	0.0368	0.0000	156.3031	156.3031	0.0299	0.0000	157.0497
<b>Total</b>	<b>0.0899</b>	<b>0.8438</b>	<b>1.0083</b>	<b>1.8000e-003</b>		<b>0.0386</b>	<b>0.0386</b>		<b>0.0368</b>	<b>0.0368</b>	<b>0.0000</b>	<b>156.3031</b>	<b>156.3031</b>	<b>0.0299</b>	<b>0.0000</b>	<b>157.0497</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8100e-003	0.0988	0.0277	3.4000e-004	8.5900e-003	1.1000e-004	8.7000e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.4774	32.4774	1.3300e-003	0.0000	32.5108
Worker	8.2300e-003	5.0500e-003	0.0575	2.2000e-004	0.0259	1.6000e-004	0.0260	6.8800e-003	1.5000e-004	7.0300e-003	0.0000	19.4654	19.4654	3.6000e-004	0.0000	19.4743
<b>Total</b>	<b>0.0110</b>	<b>0.1039</b>	<b>0.0852</b>	<b>5.6000e-004</b>	<b>0.0345</b>	<b>2.7000e-004</b>	<b>0.0347</b>	<b>9.3600e-003</b>	<b>2.6000e-004</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>51.9428</b>	<b>51.9428</b>	<b>1.6900e-003</b>	<b>0.0000</b>	<b>51.9851</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2026	0.2606	4.7000e-004		8.6800e-003	8.6800e-003		8.2600e-003	8.2600e-003	0.0000	40.5765	40.5765	7.6900e-003	0.0000	40.7686
<b>Total</b>	<b>0.0218</b>	<b>0.2026</b>	<b>0.2606</b>	<b>4.7000e-004</b>		<b>8.6800e-003</b>	<b>8.6800e-003</b>		<b>8.2600e-003</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>40.5765</b>	<b>40.5765</b>	<b>7.6900e-003</b>	<b>0.0000</b>	<b>40.7686</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0253	6.9700e-003	9.0000e-005	2.2300e-003	3.0000e-005	2.2600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	8.3742	8.3742	3.4000e-004	0.0000	8.3827
Worker	2.0200e-003	1.1900e-003	0.0138	5.0000e-005	6.7200e-003	4.0000e-005	6.7600e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	4.8465	4.8465	8.0000e-005	0.0000	4.8485
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0265</b>	<b>0.0208</b>	<b>1.4000e-004</b>	<b>8.9500e-003</b>	<b>7.0000e-005</b>	<b>9.0200e-003</b>	<b>2.4300e-003</b>	<b>7.0000e-005</b>	<b>2.4900e-003</b>	<b>0.0000</b>	<b>13.2206</b>	<b>13.2206</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>13.2312</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2026	0.2606	4.7000e-004		8.6800e-003	8.6800e-003		8.2600e-003	8.2600e-003	0.0000	40.5764	40.5764	7.6900e-003	0.0000	40.7686
<b>Total</b>	<b>0.0218</b>	<b>0.2026</b>	<b>0.2606</b>	<b>4.7000e-004</b>		<b>8.6800e-003</b>	<b>8.6800e-003</b>		<b>8.2600e-003</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>40.5764</b>	<b>40.5764</b>	<b>7.6900e-003</b>	<b>0.0000</b>	<b>40.7686</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0253	6.9700e-003	9.0000e-005	2.2300e-003	3.0000e-005	2.2600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	8.3742	8.3742	3.4000e-004	0.0000	8.3827
Worker	2.0200e-003	1.1900e-003	0.0138	5.0000e-005	6.7200e-003	4.0000e-005	6.7600e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	4.8465	4.8465	8.0000e-005	0.0000	4.8485
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0265</b>	<b>0.0208</b>	<b>1.4000e-004</b>	<b>8.9500e-003</b>	<b>7.0000e-005</b>	<b>9.0200e-003</b>	<b>2.4300e-003</b>	<b>7.0000e-005</b>	<b>2.4900e-003</b>	<b>0.0000</b>	<b>13.2206</b>	<b>13.2206</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>13.2312</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.0804	0.1195	2.0000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	16.8515	16.8515	9.5000e-004	0.0000	16.8752
<b>Total</b>	<b>0.1955</b>	<b>0.0804</b>	<b>0.1195</b>	<b>2.0000e-004</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>9.5000e-004</b>	<b>0.0000</b>	<b>16.8752</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.8000e-003	2.0000e-005	2.6100e-003	2.0000e-005	2.6200e-003	6.9000e-004	1.0000e-005	7.1000e-004	0.0000	1.9614	1.9614	4.0000e-005	0.0000	1.9623
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.8000e-003</b>	<b>2.0000e-005</b>	<b>2.6100e-003</b>	<b>2.0000e-005</b>	<b>2.6200e-003</b>	<b>6.9000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9614</b>	<b>1.9614</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.9623</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.0804	0.1195	2.0000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	16.8515	16.8515	9.5000e-004	0.0000	16.8752
<b>Total</b>	<b>0.1955</b>	<b>0.0804</b>	<b>0.1195</b>	<b>2.0000e-004</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>9.5000e-004</b>	<b>0.0000</b>	<b>16.8752</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.8000e-003	2.0000e-005	2.6100e-003	2.0000e-005	2.6200e-003	6.9000e-004	1.0000e-005	7.1000e-004	0.0000	1.9614	1.9614	4.0000e-005	0.0000	1.9623
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.8000e-003</b>	<b>2.0000e-005</b>	<b>2.6100e-003</b>	<b>2.0000e-005</b>	<b>2.6200e-003</b>	<b>6.9000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9614</b>	<b>1.9614</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.9623</b>

**3.6 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0946					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8100e-003	0.0390	0.0615	1.0000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	8.6811	8.6811	4.7000e-004	0.0000	8.6929
<b>Total</b>	<b>0.1004</b>	<b>0.0390</b>	<b>0.0615</b>	<b>1.0000e-004</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>	<b>0.0000</b>	<b>8.6811</b>	<b>8.6811</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>8.6929</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.4000e-004	2.7700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.6000e-004	0.0000	0.9693	0.9693	2.0000e-005	0.0000	0.9697
<b>Total</b>	<b>4.0000e-004</b>	<b>2.4000e-004</b>	<b>2.7700e-003</b>	<b>1.0000e-005</b>	<b>1.3400e-003</b>	<b>1.0000e-005</b>	<b>1.3500e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>0.9693</b>	<b>0.9693</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9697</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0946					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8100e-003	0.0390	0.0615	1.0000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	8.6811	8.6811	4.7000e-004	0.0000	8.6929
<b>Total</b>	<b>0.1004</b>	<b>0.0390</b>	<b>0.0615</b>	<b>1.0000e-004</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>	<b>0.0000</b>	<b>8.6811</b>	<b>8.6811</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>8.6929</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.4000e-004	2.7700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.6000e-004	0.0000	0.9693	0.9693	2.0000e-005	0.0000	0.9697
<b>Total</b>	<b>4.0000e-004</b>	<b>2.4000e-004</b>	<b>2.7700e-003</b>	<b>1.0000e-005</b>	<b>1.3400e-003</b>	<b>1.0000e-005</b>	<b>1.3500e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>0.9693</b>	<b>0.9693</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9697</b>

**3.7 Paving - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0130	0.0214	3.0000e-005		6.0000e-004	6.0000e-004		5.6000e-004	5.6000e-004	0.0000	2.8750	2.8750	9.1000e-004	0.0000	2.8977
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.4000e-003</b>	<b>0.0130</b>	<b>0.0214</b>	<b>3.0000e-005</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.8750</b>	<b>2.8750</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>2.8977</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.7 Paving - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1853	0.1853	0.0000	0.0000	0.1854
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.1853</b>	<b>0.1853</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1854</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0130	0.0214	3.0000e-005		6.0000e-004	6.0000e-004		5.6000e-004	5.6000e-004	0.0000	2.8750	2.8750	9.1000e-004	0.0000	2.8977
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.4000e-003</b>	<b>0.0130</b>	<b>0.0214</b>	<b>3.0000e-005</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.8750</b>	<b>2.8750</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>2.8977</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**3.7 Paving - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1853	0.1853	0.0000	0.0000	0.1854
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.1853</b>	<b>0.1853</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1854</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

2118 Milvia Street Project - AQ - Bay Area 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	0.1419	0.6667	1.6493	6.6600e-003	0.6393	5.4000e-003	0.6447	0.1716	5.0400e-003	0.1766	0.0000	613.3228	613.3228	0.0202	0.0000	613.8284
Unmitigated	0.1419	0.6667	1.6493	6.6600e-003	0.6393	5.4000e-003	0.6447	0.1716	5.0400e-003	0.1766	0.0000	613.3228	613.3228	0.0202	0.0000	613.8284

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	798.00	673.80	72.60	1,718,323	1,718,323
Total	798.00	673.80	72.60	1,718,323	1,718,323

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
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.581705	0.037849	0.193793	0.109044	0.014574	0.005304	0.018664	0.026966	0.002656	0.002072	0.005755	0.000900	0.000719

5.0 Energy Detail

Historical Energy Use: N





2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**5.2 Energy by Land Use - Natural Gas**

**Mitigated**

	Natural Gas 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					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	538800	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	538800	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive 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	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
Unmitigated	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003

2118 Milvia Street Project - AQ - Bay Area 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	0.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
<b>Total</b>	<b>0.2657</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0700e-003</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1400e-003</b>

**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	0.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
<b>Total</b>	<b>0.2657</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0700e-003</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1400e-003</b>

**7.0 Water Detail**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

### 7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.7469	0.0767	1.8100e-003	3.2047
Unmitigated	0.9337	0.0959	2.2600e-003	4.0058

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	2.94294 / 0	0.9337	0.0959	2.2600e-003	4.0058
<b>Total</b>		<b>0.9337</b>	<b>0.0959</b>	<b>2.2600e-003</b>	<b>4.0058</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	2.35435 / 0	0.7469	0.0767	1.8100e-003	3.2047
<b>Total</b>		<b>0.7469</b>	<b>0.0767</b>	<b>1.8100e-003</b>	<b>3.2047</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	15.8333	0.9357	0.0000	39.2263
Unmitigated	15.8333	0.9357	0.0000	39.2263

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	78	15.8333	0.9357	0.0000	39.2263
<b>Total</b>		<b>15.8333</b>	<b>0.9357</b>	<b>0.0000</b>	<b>39.2263</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	78	15.8333	0.9357	0.0000	39.2263
<b>Total</b>		<b>15.8333</b>	<b>0.9357</b>	<b>0.0000</b>	<b>39.2263</b>

**9.0 Operational Offroad**

---

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Annual

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	359	0.73	Diesel

**Boilers**

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

**User Defined Equipment**

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

**10.1 Stationary Sources**

**Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (300 - 600 HP)	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
<b>Total</b>	<b>0.0147</b>	<b>0.0412</b>	<b>0.0376</b>	<b>7.0000e-005</b>		<b>2.1700e-003</b>	<b>2.1700e-003</b>		<b>2.1700e-003</b>	<b>2.1700e-003</b>	<b>0.0000</b>	<b>6.8353</b>	<b>6.8353</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>6.8593</b>

**11.0 Vegetation**



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**2118 Milvia Street Project - AQ**  
**Bay Area AQMD Air District, Winter**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	60.00	1000sqft	0.26	60,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2025
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

Project Characteristics - Project would enroll in East Bay Community Power Brilliant 100 (100% carbon-free electricity)

Land Use - Lot acreage per project site details

Construction Phase - Construction schedule per College, architectural coating starts halfway through building construction

Off-road Equipment -

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Demolition - 25 ksf is existing sf of building to be demolished

Grading - Export per College

Architectural Coating - per BAAQMD Reg 8 Rule 3

Vehicle Trips - Weekday trip rate per TIS

Energy Use - Electricity use reduced by 30% per 2019 Title 24. No natural gas use.

Water And Wastewater - No outdoor water use per site plan

Construction Off-road Equipment Mitigation - per College: watering 2x daily

Mobile Land Use Mitigation -

Energy Mitigation - Project includes solar panels; however, sizing information not provided.

Water Mitigation - Indoor water use reduced 20% per 2016 CalGreen.

Stationary Sources - Emergency Generators and Fire Pumps - Per BAAQMD Regulation 8 Rule 9, operational hours were assumed to be 50 hours per year for testing and maintenance

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	100.00
tblConstructionPhase	NumDays	5.00	200.00
tblConstructionPhase	NumDays	100.00	523.00
tblConstructionPhase	NumDays	10.00	67.00
tblConstructionPhase	NumDays	2.00	32.00
tblConstructionPhase	NumDays	1.00	33.00
tblEnergyUse	NT24NG	0.74	0.00
tblEnergyUse	T24E	4.14	2.90
tblEnergyUse	T24NG	33.46	0.00
tblGrading	MaterialExported	0.00	1,500.00
tblLandUse	LotAcreage	1.38	0.26
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	359.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	WD_TR	27.49	13.30
tblWater	OutdoorWaterUseRate	4,603,063.05	0.00

## 2.0 Emissions Summary

---

2118 Milvia Street Project - AQ - Bay Area 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					
2022	1.5654	15.0726	12.4911	0.0243	0.4799	0.7228	1.2027	0.0857	0.6770	0.7627	0.0000	2,354.4908	2,354.4908	0.5433	0.0000	2,368.0740
2023	1.3591	12.7131	11.9785	0.0242	6.1042	0.5951	6.6994	3.3320	0.5578	3.8898	0.0000	2,346.8287	2,346.8287	0.5394	0.0000	2,360.3136
2024	3.7545	8.4631	10.2700	0.0212	0.3141	0.3582	0.6723	0.0849	0.3438	0.4287	0.0000	2,060.6831	2,060.6831	0.2823	0.0000	2,067.7417
2025	3.6930	7.8939	10.1886	0.0211	0.3141	0.3090	0.6231	0.0849	0.2965	0.3813	0.0000	2,051.3227	2,051.3227	0.4031	0.0000	2,058.3021
<b>Maximum</b>	<b>3.7545</b>	<b>15.0726</b>	<b>12.4911</b>	<b>0.0243</b>	<b>6.1042</b>	<b>0.7228</b>	<b>6.6994</b>	<b>3.3320</b>	<b>0.6770</b>	<b>3.8898</b>	<b>0.0000</b>	<b>2,354.4908</b>	<b>2,354.4908</b>	<b>0.5433</b>	<b>0.0000</b>	<b>2,368.0740</b>



2118 Milvia Street Project - AQ - Bay Area 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	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.9091	4.3971	11.1372	0.0428	4.3041	0.0351	4.3392	1.1513	0.0327	1.1840		4,340.7303	4,340.7303	0.1478		4,344.4254
Stationary	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>2.3651</b>	<b>4.3972</b>	<b>11.1433</b>	<b>0.0428</b>	<b>4.3041</b>	<b>0.0351</b>	<b>4.3392</b>	<b>1.1513</b>	<b>0.0328</b>	<b>1.1840</b>		<b>4,340.7435</b>	<b>4,340.7435</b>	<b>0.1478</b>	<b>0.0000</b>	<b>4,344.4394</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**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	lb/day										lb/day					
Area	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.9091	4.3971	11.1372	0.0428	4.3041	0.0351	4.3392	1.1513	0.0327	1.1840		4,340.7303	4,340.7303	0.1478		4,344.4254
Stationary	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>2.3651</b>	<b>4.3972</b>	<b>11.1433</b>	<b>0.0428</b>	<b>4.3041</b>	<b>0.0351</b>	<b>4.3392</b>	<b>1.1513</b>	<b>0.0328</b>	<b>1.1840</b>		<b>4,340.7435</b>	<b>4,340.7435</b>	<b>0.1478</b>	<b>0.0000</b>	<b>4,344.4394</b>

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	1/3/2023	5	67	
2	Site Preparation	Site Preparation	1/4/2023	2/19/2023	5	33	
3	Grading	Grading	2/20/2023	4/4/2023	5	32	
4	Building Construction	Building Construction	4/5/2023	4/4/2025	5	523	
5	Architectural Coating	Architectural Coating	7/1/2024	4/4/2025	5	200	
6	Paving	Paving	4/5/2025	4/11/2025	5	5	

**Acres of Grading (Site Preparation Phase): 16.5**

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**



## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rollers	1	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	7.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

**Trips and VMT**

2118 Milvia Street Project - AQ - Bay Area 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
Demolition	4	10.00	0.00	114.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	25.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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					
Fugitive Dust					0.3673	0.0000	0.3673	0.0556	0.0000	0.0556			0.0000			0.0000
Off-Road	1.5208	14.6285	12.1803	0.0223		0.7211	0.7211		0.6754	0.6754		2,145.6445	2,145.6445	0.5346		2,159.0093
<b>Total</b>	<b>1.5208</b>	<b>14.6285</b>	<b>12.1803</b>	<b>0.0223</b>	<b>0.3673</b>	<b>0.7211</b>	<b>1.0884</b>	<b>0.0556</b>	<b>0.6754</b>	<b>0.7310</b>		<b>2,145.6445</b>	<b>2,145.6445</b>	<b>0.5346</b>		<b>2,159.0093</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.2 Demolition - 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	lb/day										lb/day					
Hauling	0.0128	0.4233	0.0999	1.2900e-003	0.0304	1.2300e-003	0.0317	8.3200e-003	1.1800e-003	9.4900e-003		138.5671	138.5671	7.2600e-003		138.7485
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	0.0318	0.0208	0.2109	7.0000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		70.2792	70.2792	1.4800e-003		70.3162
<b>Total</b>	<b>0.0446</b>	<b>0.4441</b>	<b>0.3108</b>	<b>1.9900e-003</b>	<b>0.1126</b>	<b>1.7300e-003</b>	<b>0.1143</b>	<b>0.0301</b>	<b>1.6400e-003</b>	<b>0.0317</b>		<b>208.8463</b>	<b>208.8463</b>	<b>8.7400e-003</b>		<b>209.0647</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1653	0.0000	0.1653	0.0250	0.0000	0.0250			0.0000			0.0000
Off-Road	1.5208	14.6285	12.1803	0.0223		0.7211	0.7211		0.6754	0.6754	0.0000	2,145.6445	2,145.6445	0.5346		2,159.0093
<b>Total</b>	<b>1.5208</b>	<b>14.6285</b>	<b>12.1803</b>	<b>0.0223</b>	<b>0.1653</b>	<b>0.7211</b>	<b>0.8863</b>	<b>0.0250</b>	<b>0.6754</b>	<b>0.7004</b>	<b>0.0000</b>	<b>2,145.6445</b>	<b>2,145.6445</b>	<b>0.5346</b>		<b>2,159.0093</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.2 Demolition - 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	lb/day										lb/day					
Hauling	0.0128	0.4233	0.0999	1.2900e-003	0.0304	1.2300e-003	0.0317	8.3200e-003	1.1800e-003	9.4900e-003		138.5671	138.5671	7.2600e-003		138.7485
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	0.0318	0.0208	0.2109	7.0000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		70.2792	70.2792	1.4800e-003		70.3162
<b>Total</b>	<b>0.0446</b>	<b>0.4441</b>	<b>0.3108</b>	<b>1.9900e-003</b>	<b>0.1126</b>	<b>1.7300e-003</b>	<b>0.1143</b>	<b>0.0301</b>	<b>1.6400e-003</b>	<b>0.0317</b>		<b>208.8463</b>	<b>208.8463</b>	<b>8.7400e-003</b>		<b>209.0647</b>

**3.2 Demolition - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3673	0.0000	0.3673	0.0556	0.0000	0.0556			0.0000			0.0000
Off-Road	1.3206	12.4118	11.6950	0.0223		0.5819	0.5819		0.5456	0.5456		2,145.9544	2,145.9544	0.5316		2,159.2435
<b>Total</b>	<b>1.3206</b>	<b>12.4118</b>	<b>11.6950</b>	<b>0.0223</b>	<b>0.3673</b>	<b>0.5819</b>	<b>0.9492</b>	<b>0.0556</b>	<b>0.5456</b>	<b>0.6012</b>		<b>2,145.9544</b>	<b>2,145.9544</b>	<b>0.5316</b>		<b>2,159.2435</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7700e-003	0.2826	0.0899	1.2400e-003	0.7608	5.1000e-004	0.7614	0.1876	4.9000e-004	0.1881		133.2865	133.2865	6.5100e-003		133.4492
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	0.0298	0.0187	0.1937	6.8000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		67.5878	67.5878	1.3200e-003		67.6209
<b>Total</b>	<b>0.0386</b>	<b>0.3013</b>	<b>0.2836</b>	<b>1.9200e-003</b>	<b>0.8430</b>	<b>1.0000e-003</b>	<b>0.8440</b>	<b>0.2094</b>	<b>9.5000e-004</b>	<b>0.2103</b>		<b>200.8743</b>	<b>200.8743</b>	<b>7.8300e-003</b>		<b>201.0701</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1653	0.0000	0.1653	0.0250	0.0000	0.0250			0.0000			0.0000
Off-Road	1.3206	12.4118	11.6950	0.0223		0.5819	0.5819		0.5456	0.5456	0.0000	2,145.9544	2,145.9544	0.5316		2,159.2435
<b>Total</b>	<b>1.3206</b>	<b>12.4118</b>	<b>11.6950</b>	<b>0.0223</b>	<b>0.1653</b>	<b>0.5819</b>	<b>0.7471</b>	<b>0.0250</b>	<b>0.5456</b>	<b>0.5706</b>	<b>0.0000</b>	<b>2,145.9544</b>	<b>2,145.9544</b>	<b>0.5316</b>		<b>2,159.2435</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7700e-003	0.2826	0.0899	1.2400e-003	0.7608	5.1000e-004	0.7614	0.1876	4.9000e-004	0.1881		133.2865	133.2865	6.5100e-003		133.4492
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	0.0298	0.0187	0.1937	6.8000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		67.5878	67.5878	1.3200e-003		67.6209
<b>Total</b>	<b>0.0386</b>	<b>0.3013</b>	<b>0.2836</b>	<b>1.9200e-003</b>	<b>0.8430</b>	<b>1.0000e-003</b>	<b>0.8440</b>	<b>0.2094</b>	<b>9.5000e-004</b>	<b>0.2103</b>		<b>200.8743</b>	<b>200.8743</b>	<b>7.8300e-003</b>		<b>201.0701</b>

**3.3 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5354	0.0000	0.5354	0.0580	0.0000	0.0580			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
<b>Total</b>	<b>0.5348</b>	<b>6.1887</b>	<b>3.9239</b>	<b>9.7300e-003</b>	<b>0.5354</b>	<b>0.2266</b>	<b>0.7620</b>	<b>0.0580</b>	<b>0.2084</b>	<b>0.2665</b>		<b>942.4317</b>	<b>942.4317</b>	<b>0.3048</b>		<b>950.0517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0294	0.9462	0.3009	4.1600e-003	0.0996	1.7200e-003	0.1013	0.0273	1.6500e-003	0.0289		446.2724	446.2724	0.0218		446.8170
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	0.0149	9.3500e-003	0.0968	3.4000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		33.7939	33.7939	6.6000e-004		33.8104
<b>Total</b>	<b>0.0443</b>	<b>0.9555</b>	<b>0.3978</b>	<b>4.5000e-003</b>	<b>0.1406</b>	<b>1.9700e-003</b>	<b>0.1426</b>	<b>0.0382</b>	<b>1.8800e-003</b>	<b>0.0401</b>		<b>480.0663</b>	<b>480.0663</b>	<b>0.0225</b>		<b>480.6275</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2409	0.0000	0.2409	0.0261	0.0000	0.0261			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
<b>Total</b>	<b>0.5348</b>	<b>6.1887</b>	<b>3.9239</b>	<b>9.7300e-003</b>	<b>0.2409</b>	<b>0.2266</b>	<b>0.4675</b>	<b>0.0261</b>	<b>0.2084</b>	<b>0.2346</b>	<b>0.0000</b>	<b>942.4317</b>	<b>942.4317</b>	<b>0.3048</b>		<b>950.0517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0294	0.9462	0.3009	4.1600e-003	0.0996	1.7200e-003	0.1013	0.0273	1.6500e-003	0.0289		446.2724	446.2724	0.0218		446.8170
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	0.0149	9.3500e-003	0.0968	3.4000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		33.7939	33.7939	6.6000e-004		33.8104
<b>Total</b>	<b>0.0443</b>	<b>0.9555</b>	<b>0.3978</b>	<b>4.5000e-003</b>	<b>0.1406</b>	<b>1.9700e-003</b>	<b>0.1426</b>	<b>0.0382</b>	<b>1.8800e-003</b>	<b>0.0401</b>		<b>480.0663</b>	<b>480.0663</b>	<b>0.0225</b>		<b>480.6275</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2856	12.4733	10.2894	0.0198		0.5946	0.5946		0.5573	0.5573		1,899.9564	1,899.9564	0.4520		1,911.2566
<b>Total</b>	<b>1.2856</b>	<b>12.4733</b>	<b>10.2894</b>	<b>0.0198</b>	<b>6.0221</b>	<b>0.5946</b>	<b>6.6167</b>	<b>3.3102</b>	<b>0.5573</b>	<b>3.8676</b>		<b>1,899.9564</b>	<b>1,899.9564</b>	<b>0.4520</b>		<b>1,911.2566</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.0298	0.0187	0.1937	6.8000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		67.5878	67.5878	1.3200e-003		67.6209
<b>Total</b>	<b>0.0298</b>	<b>0.0187</b>	<b>0.1937</b>	<b>6.8000e-004</b>	<b>0.0822</b>	<b>4.9000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0222</b>		<b>67.5878</b>	<b>67.5878</b>	<b>1.3200e-003</b>		<b>67.6209</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.2856	12.4733	10.2894	0.0198		0.5946	0.5946		0.5573	0.5573	0.0000	1,899.9564	1,899.9564	0.4520		1,911.2566
<b>Total</b>	<b>1.2856</b>	<b>12.4733</b>	<b>10.2894</b>	<b>0.0198</b>	<b>2.7099</b>	<b>0.5946</b>	<b>3.3046</b>	<b>1.4896</b>	<b>0.5573</b>	<b>2.0469</b>	<b>0.0000</b>	<b>1,899.9564</b>	<b>1,899.9564</b>	<b>0.4520</b>		<b>1,911.2566</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.0298	0.0187	0.1937	6.8000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		67.5878	67.5878	1.3200e-003		67.6209
<b>Total</b>	<b>0.0298</b>	<b>0.0187</b>	<b>0.1937</b>	<b>6.8000e-004</b>	<b>0.0822</b>	<b>4.9000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0222</b>		<b>67.5878</b>	<b>67.5878</b>	<b>1.3200e-003</b>		<b>67.6209</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7318	6.9160	7.7324	0.0137		0.3348	0.3348		0.3188	0.3188		1,315.0438	1,315.0438	0.2523		1,321.3517
<b>Total</b>	<b>0.7318</b>	<b>6.9160</b>	<b>7.7324</b>	<b>0.0137</b>		<b>0.3348</b>	<b>0.3348</b>		<b>0.3188</b>	<b>0.3188</b>		<b>1,315.0438</b>	<b>1,315.0438</b>	<b>0.2523</b>		<b>1,321.3517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0230	0.7606	0.2338	2.5600e-003	0.0677	9.0000e-004	0.0686	0.0195	8.6000e-004	0.0204		271.0660	271.0660	0.0119		271.3635
Worker	0.0745	0.0468	0.4842	1.6900e-003	0.2054	1.2400e-003	0.2066	0.0545	1.1400e-003	0.0556		168.9695	168.9695	3.3100e-003		169.0522
<b>Total</b>	<b>0.0975</b>	<b>0.8073</b>	<b>0.7180</b>	<b>4.2500e-003</b>	<b>0.2731</b>	<b>2.1400e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>2.0000e-003</b>	<b>0.0760</b>		<b>440.0356</b>	<b>440.0356</b>	<b>0.0152</b>		<b>440.4157</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7318	6.9160	7.7324	0.0137		0.3348	0.3348		0.3188	0.3188	0.0000	1,315.0438	1,315.0438	0.2523		1,321.3517
<b>Total</b>	<b>0.7318</b>	<b>6.9160</b>	<b>7.7324</b>	<b>0.0137</b>		<b>0.3348</b>	<b>0.3348</b>		<b>0.3188</b>	<b>0.3188</b>	<b>0.0000</b>	<b>1,315.0438</b>	<b>1,315.0438</b>	<b>0.2523</b>		<b>1,321.3517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0230	0.7606	0.2338	2.5600e-003	0.0677	9.0000e-004	0.0686	0.0195	8.6000e-004	0.0204		271.0660	271.0660	0.0119		271.3635
Worker	0.0745	0.0468	0.4842	1.6900e-003	0.2054	1.2400e-003	0.2066	0.0545	1.1400e-003	0.0556		168.9695	168.9695	3.3100e-003		169.0522
<b>Total</b>	<b>0.0975</b>	<b>0.8073</b>	<b>0.7180</b>	<b>4.2500e-003</b>	<b>0.2731</b>	<b>2.1400e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>2.0000e-003</b>	<b>0.0760</b>		<b>440.0356</b>	<b>440.0356</b>	<b>0.0152</b>		<b>440.4157</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	6.4416	7.6972	0.0137		0.2949	0.2949		0.2807	0.2807		1,315.2281	1,315.2281	0.2513		1,321.5100
<b>Total</b>	<b>0.6863</b>	<b>6.4416</b>	<b>7.6972</b>	<b>0.0137</b>		<b>0.2949</b>	<b>0.2949</b>		<b>0.2807</b>	<b>0.2807</b>		<b>1,315.2281</b>	<b>1,315.2281</b>	<b>0.2513</b>		<b>1,321.5100</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0223	0.7521	0.2250	2.5400e-003	0.0677	8.8000e-004	0.0686	0.0195	8.4000e-004	0.0203		269.2679	269.2679	0.0117		269.5592
Worker	0.0701	0.0422	0.4480	1.6300e-003	0.2054	1.2100e-003	0.2066	0.0545	1.1200e-003	0.0556		162.2825	162.2825	2.9700e-003		162.3569
<b>Total</b>	<b>0.0924</b>	<b>0.7943</b>	<b>0.6730</b>	<b>4.1700e-003</b>	<b>0.2731</b>	<b>2.0900e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>1.9600e-003</b>	<b>0.0759</b>		<b>431.5505</b>	<b>431.5505</b>	<b>0.0146</b>		<b>431.9161</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	6.4416	7.6972	0.0137		0.2949	0.2949		0.2807	0.2807	0.0000	1,315.2281	1,315.2281	0.2513		1,321.5100
<b>Total</b>	<b>0.6863</b>	<b>6.4416</b>	<b>7.6972</b>	<b>0.0137</b>		<b>0.2949</b>	<b>0.2949</b>		<b>0.2807</b>	<b>0.2807</b>	<b>0.0000</b>	<b>1,315.2281</b>	<b>1,315.2281</b>	<b>0.2513</b>		<b>1,321.5100</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0223	0.7521	0.2250	2.5400e-003	0.0677	8.8000e-004	0.0686	0.0195	8.4000e-004	0.0203		269.2679	269.2679	0.0117		269.5592
Worker	0.0701	0.0422	0.4480	1.6300e-003	0.2054	1.2100e-003	0.2066	0.0545	1.1200e-003	0.0556		162.2825	162.2825	2.9700e-003		162.3569
<b>Total</b>	<b>0.0924</b>	<b>0.7943</b>	<b>0.6730</b>	<b>4.1700e-003</b>	<b>0.2731</b>	<b>2.0900e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>1.9600e-003</b>	<b>0.0759</b>		<b>431.5505</b>	<b>431.5505</b>	<b>0.0146</b>		<b>431.9161</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6398	5.9591	7.6636	0.0137		0.2552	0.2552		0.2428	0.2428		1,315.5267	1,315.5267	0.2492		1,321.7562
<b>Total</b>	<b>0.6398</b>	<b>5.9591</b>	<b>7.6636</b>	<b>0.0137</b>		<b>0.2552</b>	<b>0.2552</b>		<b>0.2428</b>	<b>0.2428</b>		<b>1,315.5267</b>	<b>1,315.5267</b>	<b>0.2492</b>		<b>1,321.7562</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0216	0.7432	0.2183	2.5200e-003	0.0677	8.6000e-004	0.0686	0.0195	8.2000e-004	0.0203		267.5353	267.5353	0.0114		267.8207
Worker	0.0664	0.0384	0.4146	1.5600e-003	0.2054	1.2000e-003	0.2066	0.0545	1.1000e-003	0.0556		155.6773	155.6773	2.6900e-003		155.7445
<b>Total</b>	<b>0.0880</b>	<b>0.7816</b>	<b>0.6329</b>	<b>4.0800e-003</b>	<b>0.2731</b>	<b>2.0600e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9200e-003</b>	<b>0.0759</b>		<b>423.2125</b>	<b>423.2125</b>	<b>0.0141</b>		<b>423.5652</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6398	5.9591	7.6636	0.0137		0.2552	0.2552		0.2428	0.2428	0.0000	1,315.5267	1,315.5267	0.2492		1,321.7562
<b>Total</b>	<b>0.6398</b>	<b>5.9591</b>	<b>7.6636</b>	<b>0.0137</b>		<b>0.2552</b>	<b>0.2552</b>		<b>0.2428</b>	<b>0.2428</b>	<b>0.0000</b>	<b>1,315.5267</b>	<b>1,315.5267</b>	<b>0.2492</b>		<b>1,321.7562</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0216	0.7432	0.2183	2.5200e-003	0.0677	8.6000e-004	0.0686	0.0195	8.2000e-004	0.0203		267.5353	267.5353	0.0114		267.8207
Worker	0.0664	0.0384	0.4146	1.5600e-003	0.2054	1.2000e-003	0.2066	0.0545	1.1000e-003	0.0556		155.6773	155.6773	2.6900e-003		155.7445
<b>Total</b>	<b>0.0880</b>	<b>0.7816</b>	<b>0.6329</b>	<b>4.0800e-003</b>	<b>0.2731</b>	<b>2.0600e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9200e-003</b>	<b>0.0759</b>		<b>423.2125</b>	<b>423.2125</b>	<b>0.0141</b>		<b>423.5652</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>2.9618</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0140	8.4500e-003	0.0896	3.3000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.4565	32.4565	5.9000e-004		32.4714
<b>Total</b>	<b>0.0140</b>	<b>8.4500e-003</b>	<b>0.0896</b>	<b>3.3000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>32.4565</b>	<b>32.4565</b>	<b>5.9000e-004</b>		<b>32.4714</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>2.9618</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0140	8.4500e-003	0.0896	3.3000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.4565	32.4565	5.9000e-004		32.4714
<b>Total</b>	<b>0.0140</b>	<b>8.4500e-003</b>	<b>0.0896</b>	<b>3.3000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>32.4565</b>	<b>32.4565</b>	<b>5.9000e-004</b>		<b>32.4714</b>

**3.6 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>2.9519</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.6 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0133	7.6800e-003	0.0829	3.1000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		31.1355	31.1355	5.4000e-004		31.1489
<b>Total</b>	<b>0.0133</b>	<b>7.6800e-003</b>	<b>0.0829</b>	<b>3.1000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>31.1355</b>	<b>31.1355</b>	<b>5.4000e-004</b>		<b>31.1489</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>2.9519</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.6 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0133	7.6800e-003	0.0829	3.1000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		31.1355	31.1355	5.4000e-004		31.1489
<b>Total</b>	<b>0.0133</b>	<b>7.6800e-003</b>	<b>0.0829</b>	<b>3.1000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>31.1355</b>	<b>31.1355</b>	<b>5.4000e-004</b>		<b>31.1489</b>

**3.7 Paving - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5601	5.1988	8.5601	0.0132		0.2412	0.2412		0.2227	0.2227		1,267.6371	1,267.6371	0.4017		1,277.6786
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5601</b>	<b>5.1988</b>	<b>8.5601</b>	<b>0.0132</b>		<b>0.2412</b>	<b>0.2412</b>		<b>0.2227</b>	<b>0.2227</b>		<b>1,267.6371</b>	<b>1,267.6371</b>	<b>0.4017</b>		<b>1,277.6786</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.7 Paving - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0345	0.0200	0.2156	8.1000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		80.9522	80.9522	1.4000e-003		80.9872
<b>Total</b>	<b>0.0345</b>	<b>0.0200</b>	<b>0.2156</b>	<b>8.1000e-004</b>	<b>0.1068</b>	<b>6.2000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>5.7000e-004</b>	<b>0.0289</b>		<b>80.9522</b>	<b>80.9522</b>	<b>1.4000e-003</b>		<b>80.9872</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5601	5.1988	8.5601	0.0132		0.2412	0.2412		0.2227	0.2227	0.0000	1,267.6371	1,267.6371	0.4017		1,277.6786
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5601</b>	<b>5.1988</b>	<b>8.5601</b>	<b>0.0132</b>		<b>0.2412</b>	<b>0.2412</b>		<b>0.2227</b>	<b>0.2227</b>	<b>0.0000</b>	<b>1,267.6371</b>	<b>1,267.6371</b>	<b>0.4017</b>		<b>1,277.6786</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**3.7 Paving - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0345	0.0200	0.2156	8.1000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		80.9522	80.9522	1.4000e-003		80.9872
<b>Total</b>	<b>0.0345</b>	<b>0.0200</b>	<b>0.2156</b>	<b>8.1000e-004</b>	<b>0.1068</b>	<b>6.2000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>5.7000e-004</b>	<b>0.0289</b>		<b>80.9522</b>	<b>80.9522</b>	<b>1.4000e-003</b>		<b>80.9872</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

2118 Milvia Street Project - AQ - Bay Area 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	0.9091	4.3971	11.1372	0.0428	4.3041	0.0351	4.3392	1.1513	0.0327	1.1840		4,340.730 3	4,340.730 3	0.1478		4,344.425 4
Unmitigated	0.9091	4.3971	11.1372	0.0428	4.3041	0.0351	4.3392	1.1513	0.0327	1.1840		4,340.730 3	4,340.730 3	0.1478		4,344.425 4

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	798.00	673.80	72.60	1,718,323	1,718,323
Total	798.00	673.80	72.60	1,718,323	1,718,323

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
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.581705	0.037849	0.193793	0.109044	0.014574	0.005304	0.018664	0.026966	0.002656	0.002072	0.005755	0.000900	0.000719

5.0 Energy Detail

Historical Energy Use: N

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>



2118 Milvia Street Project - AQ - Bay Area 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					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Unmitigated	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**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	0.1714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2840					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.6000e-004	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
<b>Total</b>	<b>1.4560</b>	<b>6.0000e-005</b>	<b>6.1100e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0131</b>	<b>0.0131</b>	<b>3.0000e-005</b>		<b>0.0140</b>

**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	0.1714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2840					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.6000e-004	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
<b>Total</b>	<b>1.4560</b>	<b>6.0000e-005</b>	<b>6.1100e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0131</b>	<b>0.0131</b>	<b>3.0000e-005</b>		<b>0.0140</b>

**7.0 Water Detail**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	359	0.73	Diesel

**Boilers**

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

**User Defined Equipment**

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Winter

**10.1 Stationary Sources**

**Unmitigated/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	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>			<b>0.0000</b>

**11.0 Vegetation**

---

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**2118 Milvia Street Project - AQ**  
**Bay Area AQMD Air District, Summer**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	60.00	1000sqft	0.26	60,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2025
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

Project Characteristics - Project would enroll in East Bay Community Power Brilliant 100 (100% carbon-free electricity)

Land Use - Lot acreage per project site details

Construction Phase - Construction schedule per College, architectural coating starts halfway through building construction

Off-road Equipment -

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Demolition - 25 ksf is existing sf of building to be demolished

Grading - Export per College

Architectural Coating - per BAAQMD Reg 8 Rule 3

Vehicle Trips - Weekday trip rate per TIS

Energy Use - Electricity use reduced by 30% per 2019 Title 24. No natural gas use.

Water And Wastewater - No outdoor water use per site plan

Construction Off-road Equipment Mitigation - per College: watering 2x daily

Mobile Land Use Mitigation -

Energy Mitigation - Project includes solar panels; however, sizing information not provided.

Water Mitigation - Indoor water use reduced 20% per 2016 CalGreen.

Stationary Sources - Emergency Generators and Fire Pumps - Per BAAQMD Regulation 8 Rule 9, operational hours were assumed to be 50 hours per year for testing and maintenance

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	100.00
tblConstructionPhase	NumDays	5.00	200.00
tblConstructionPhase	NumDays	100.00	523.00
tblConstructionPhase	NumDays	10.00	67.00
tblConstructionPhase	NumDays	2.00	32.00
tblConstructionPhase	NumDays	1.00	33.00
tblEnergyUse	NT24NG	0.74	0.00
tblEnergyUse	T24E	4.14	2.90
tblEnergyUse	T24NG	33.46	0.00
tblGrading	MaterialExported	0.00	1,500.00
tblLandUse	LotAcreage	1.38	0.26
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	359.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	WD_TR	27.49	13.30
tblWater	OutdoorWaterUseRate	4,603,063.05	0.00

## 2.0 Emissions Summary

---

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**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					
2022	1.5632	15.0595	12.4999	0.0244	0.4799	0.7228	1.2026	0.0857	0.6770	0.7627	0.0000	2,362.9075	2,362.9075	0.5431	0.0000	2,376.4854
2023	1.3571	12.7050	11.9889	0.0243	6.1042	0.5951	6.6994	3.3320	0.5578	3.8898	0.0000	2,354.9197	2,354.9197	0.5393	0.0000	2,368.4010
2024	3.7477	8.4500	10.2874	0.0214	0.3141	0.3582	0.6723	0.0849	0.3438	0.4287	0.0000	2,084.2466	2,084.2466	0.2819	0.0000	2,091.2929
2025	3.6863	7.8817	10.2050	0.0213	0.3141	0.3089	0.6231	0.0849	0.2964	0.3813	0.0000	2,074.1082	2,074.1082	0.4032	0.0000	2,081.0756
<b>Maximum</b>	<b>3.7477</b>	<b>15.0595</b>	<b>12.4999</b>	<b>0.0244</b>	<b>6.1042</b>	<b>0.7228</b>	<b>6.6994</b>	<b>3.3320</b>	<b>0.6770</b>	<b>3.8898</b>	<b>0.0000</b>	<b>2,362.9075</b>	<b>2,362.9075</b>	<b>0.5431</b>	<b>0.0000</b>	<b>2,376.4854</b>





2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**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	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.0556	4.1962	11.2065	0.0457	4.3041	0.0350	4.3391	1.1513	0.0326	1.1839		4,629.4737	4,629.4737	0.1454		4,633.1086
Stationary	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>2.5116</b>	<b>4.1963</b>	<b>11.2126</b>	<b>0.0457</b>	<b>4.3041</b>	<b>0.0350</b>	<b>4.3391</b>	<b>1.1513</b>	<b>0.0326</b>	<b>1.1839</b>		<b>4,629.4868</b>	<b>4,629.4868</b>	<b>0.1454</b>	<b>0.0000</b>	<b>4,633.1226</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**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	lb/day										lb/day					
Area	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.0556	4.1962	11.2065	0.0457	4.3041	0.0350	4.3391	1.1513	0.0326	1.1839		4,629.4737	4,629.4737	0.1454		4,633.1086
Stationary	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>2.5116</b>	<b>4.1963</b>	<b>11.2126</b>	<b>0.0457</b>	<b>4.3041</b>	<b>0.0350</b>	<b>4.3391</b>	<b>1.1513</b>	<b>0.0326</b>	<b>1.1839</b>		<b>4,629.4868</b>	<b>4,629.4868</b>	<b>0.1454</b>	<b>0.0000</b>	<b>4,633.1226</b>

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

**3.0 Construction Detail**

**Construction Phase**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	1/3/2023	5	67	
2	Site Preparation	Site Preparation	1/4/2023	2/19/2023	5	33	
3	Grading	Grading	2/20/2023	4/4/2023	5	32	
4	Building Construction	Building Construction	4/5/2023	4/4/2025	5	523	
5	Architectural Coating	Architectural Coating	7/1/2024	4/4/2025	5	200	
6	Paving	Paving	4/5/2025	4/11/2025	5	5	

**Acres of Grading (Site Preparation Phase): 16.5**

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rollers	1	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	7.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

**Trips and VMT**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

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
Demolition	4	10.00	0.00	114.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	25.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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					
Fugitive Dust					0.3673	0.0000	0.3673	0.0556	0.0000	0.0556			0.0000			0.0000
Off-Road	1.5208	14.6285	12.1803	0.0223		0.7211	0.7211		0.6754	0.6754		2,145.6445	2,145.6445	0.5346		2,159.0093
<b>Total</b>	<b>1.5208</b>	<b>14.6285</b>	<b>12.1803</b>	<b>0.0223</b>	<b>0.3673</b>	<b>0.7211</b>	<b>1.0884</b>	<b>0.0556</b>	<b>0.6754</b>	<b>0.7310</b>		<b>2,145.6445</b>	<b>2,145.6445</b>	<b>0.5346</b>		<b>2,159.0093</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.2 Demolition - 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	lb/day										lb/day					
Hauling	0.0125	0.4141	0.0933	1.3200e-003	0.0304	1.2100e-003	0.0316	8.3200e-003	1.1600e-003	9.4700e-003		140.9735	140.9735	6.9300e-003		141.1468
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	0.0299	0.0169	0.2263	7.7000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		76.2895	76.2895	1.5900e-003		76.3293
<b>Total</b>	<b>0.0424</b>	<b>0.4310</b>	<b>0.3196</b>	<b>2.0900e-003</b>	<b>0.1126</b>	<b>1.7100e-003</b>	<b>0.1143</b>	<b>0.0301</b>	<b>1.6200e-003</b>	<b>0.0317</b>		<b>217.2630</b>	<b>217.2630</b>	<b>8.5200e-003</b>		<b>217.4760</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1653	0.0000	0.1653	0.0250	0.0000	0.0250			0.0000			0.0000
Off-Road	1.5208	14.6285	12.1803	0.0223		0.7211	0.7211		0.6754	0.6754	0.0000	2,145.6445	2,145.6445	0.5346		2,159.0093
<b>Total</b>	<b>1.5208</b>	<b>14.6285</b>	<b>12.1803</b>	<b>0.0223</b>	<b>0.1653</b>	<b>0.7211</b>	<b>0.8863</b>	<b>0.0250</b>	<b>0.6754</b>	<b>0.7004</b>	<b>0.0000</b>	<b>2,145.6445</b>	<b>2,145.6445</b>	<b>0.5346</b>		<b>2,159.0093</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.2 Demolition - 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	lb/day										lb/day					
Hauling	0.0125	0.4141	0.0933	1.3200e-003	0.0304	1.2100e-003	0.0316	8.3200e-003	1.1600e-003	9.4700e-003		140.9735	140.9735	6.9300e-003		141.1468
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	0.0299	0.0169	0.2263	7.7000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		76.2895	76.2895	1.5900e-003		76.3293
<b>Total</b>	<b>0.0424</b>	<b>0.4310</b>	<b>0.3196</b>	<b>2.0900e-003</b>	<b>0.1126</b>	<b>1.7100e-003</b>	<b>0.1143</b>	<b>0.0301</b>	<b>1.6200e-003</b>	<b>0.0317</b>		<b>217.2630</b>	<b>217.2630</b>	<b>8.5200e-003</b>		<b>217.4760</b>

**3.2 Demolition - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3673	0.0000	0.3673	0.0556	0.0000	0.0556			0.0000			0.0000
Off-Road	1.3206	12.4118	11.6950	0.0223		0.5819	0.5819		0.5456	0.5456		2,145.9544	2,145.9544	0.5316		2,159.2435
<b>Total</b>	<b>1.3206</b>	<b>12.4118</b>	<b>11.6950</b>	<b>0.0223</b>	<b>0.3673</b>	<b>0.5819</b>	<b>0.9492</b>	<b>0.0556</b>	<b>0.5456</b>	<b>0.6012</b>		<b>2,145.9544</b>	<b>2,145.9544</b>	<b>0.5316</b>		<b>2,159.2435</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5300e-003	0.2780	0.0852	1.2600e-003	0.7608	5.0000e-004	0.7613	0.1876	4.8000e-004	0.1881		135.6004	135.6004	6.2600e-003		135.7569
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	0.0279	0.0152	0.2088	7.4000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		73.3649	73.3649	1.4300e-003		73.4006
<b>Total</b>	<b>0.0365</b>	<b>0.2932</b>	<b>0.2939</b>	<b>2.0000e-003</b>	<b>0.8430</b>	<b>9.9000e-004</b>	<b>0.8440</b>	<b>0.2094</b>	<b>9.4000e-004</b>	<b>0.2103</b>		<b>208.9653</b>	<b>208.9653</b>	<b>7.6900e-003</b>		<b>209.1575</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1653	0.0000	0.1653	0.0250	0.0000	0.0250			0.0000			0.0000
Off-Road	1.3206	12.4118	11.6950	0.0223		0.5819	0.5819		0.5456	0.5456	0.0000	2,145.9544	2,145.9544	0.5316		2,159.2435
<b>Total</b>	<b>1.3206</b>	<b>12.4118</b>	<b>11.6950</b>	<b>0.0223</b>	<b>0.1653</b>	<b>0.5819</b>	<b>0.7471</b>	<b>0.0250</b>	<b>0.5456</b>	<b>0.5706</b>	<b>0.0000</b>	<b>2,145.9544</b>	<b>2,145.9544</b>	<b>0.5316</b>		<b>2,159.2435</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5300e-003	0.2780	0.0852	1.2600e-003	0.7608	5.0000e-004	0.7613	0.1876	4.8000e-004	0.1881		135.6004	135.6004	6.2600e-003		135.7569
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	0.0279	0.0152	0.2088	7.4000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		73.3649	73.3649	1.4300e-003		73.4006
<b>Total</b>	<b>0.0365</b>	<b>0.2932</b>	<b>0.2939</b>	<b>2.0000e-003</b>	<b>0.8430</b>	<b>9.9000e-004</b>	<b>0.8440</b>	<b>0.2094</b>	<b>9.4000e-004</b>	<b>0.2103</b>		<b>208.9653</b>	<b>208.9653</b>	<b>7.6900e-003</b>		<b>209.1575</b>

**3.3 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5354	0.0000	0.5354	0.0580	0.0000	0.0580			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
<b>Total</b>	<b>0.5348</b>	<b>6.1887</b>	<b>3.9239</b>	<b>9.7300e-003</b>	<b>0.5354</b>	<b>0.2266</b>	<b>0.7620</b>	<b>0.0580</b>	<b>0.2084</b>	<b>0.2665</b>		<b>942.4317</b>	<b>942.4317</b>	<b>0.3048</b>		<b>950.0517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0286	0.9309	0.2851	4.2300e-003	0.0996	1.6800e-003	0.1012	0.0273	1.6100e-003	0.0289		454.0199	454.0199	0.0210		454.5439
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	0.0140	7.5800e-003	0.1044	3.7000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		36.6824	36.6824	7.1000e-004		36.7003
<b>Total</b>	<b>0.0425</b>	<b>0.9385</b>	<b>0.3895</b>	<b>4.6000e-003</b>	<b>0.1406</b>	<b>1.9300e-003</b>	<b>0.1426</b>	<b>0.0382</b>	<b>1.8400e-003</b>	<b>0.0400</b>		<b>490.7024</b>	<b>490.7024</b>	<b>0.0217</b>		<b>491.2441</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2409	0.0000	0.2409	0.0261	0.0000	0.0261			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
<b>Total</b>	<b>0.5348</b>	<b>6.1887</b>	<b>3.9239</b>	<b>9.7300e-003</b>	<b>0.2409</b>	<b>0.2266</b>	<b>0.4675</b>	<b>0.0261</b>	<b>0.2084</b>	<b>0.2346</b>	<b>0.0000</b>	<b>942.4317</b>	<b>942.4317</b>	<b>0.3048</b>		<b>950.0517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0286	0.9309	0.2851	4.2300e-003	0.0996	1.6800e-003	0.1012	0.0273	1.6100e-003	0.0289		454.0199	454.0199	0.0210		454.5439
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	0.0140	7.5800e-003	0.1044	3.7000e-004	0.0411	2.5000e-004	0.0413	0.0109	2.3000e-004	0.0111		36.6824	36.6824	7.1000e-004		36.7003
<b>Total</b>	<b>0.0425</b>	<b>0.9385</b>	<b>0.3895</b>	<b>4.6000e-003</b>	<b>0.1406</b>	<b>1.9300e-003</b>	<b>0.1426</b>	<b>0.0382</b>	<b>1.8400e-003</b>	<b>0.0400</b>		<b>490.7024</b>	<b>490.7024</b>	<b>0.0217</b>		<b>491.2441</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2856	12.4733	10.2894	0.0198		0.5946	0.5946		0.5573	0.5573		1,899.9564	1,899.9564	0.4520		1,911.2566
<b>Total</b>	<b>1.2856</b>	<b>12.4733</b>	<b>10.2894</b>	<b>0.0198</b>	<b>6.0221</b>	<b>0.5946</b>	<b>6.6167</b>	<b>3.3102</b>	<b>0.5573</b>	<b>3.8676</b>		<b>1,899.9564</b>	<b>1,899.9564</b>	<b>0.4520</b>		<b>1,911.2566</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.0279	0.0152	0.2088	7.4000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		73.3649	73.3649	1.4300e-003		73.4006
<b>Total</b>	<b>0.0279</b>	<b>0.0152</b>	<b>0.2088</b>	<b>7.4000e-004</b>	<b>0.0822</b>	<b>4.9000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0222</b>		<b>73.3649</b>	<b>73.3649</b>	<b>1.4300e-003</b>		<b>73.4006</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.2856	12.4733	10.2894	0.0198		0.5946	0.5946		0.5573	0.5573	0.0000	1,899.9564	1,899.9564	0.4520		1,911.2566
<b>Total</b>	<b>1.2856</b>	<b>12.4733</b>	<b>10.2894</b>	<b>0.0198</b>	<b>2.7099</b>	<b>0.5946</b>	<b>3.3046</b>	<b>1.4896</b>	<b>0.5573</b>	<b>2.0469</b>	<b>0.0000</b>	<b>1,899.9564</b>	<b>1,899.9564</b>	<b>0.4520</b>		<b>1,911.2566</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.0279	0.0152	0.2088	7.4000e-004	0.0822	4.9000e-004	0.0826	0.0218	4.6000e-004	0.0222		73.3649	73.3649	1.4300e-003		73.4006
<b>Total</b>	<b>0.0279</b>	<b>0.0152</b>	<b>0.2088</b>	<b>7.4000e-004</b>	<b>0.0822</b>	<b>4.9000e-004</b>	<b>0.0826</b>	<b>0.0218</b>	<b>4.6000e-004</b>	<b>0.0222</b>		<b>73.3649</b>	<b>73.3649</b>	<b>1.4300e-003</b>		<b>73.4006</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7318	6.9160	7.7324	0.0137		0.3348	0.3348		0.3188	0.3188		1,315.0438	1,315.0438	0.2523		1,321.3517
<b>Total</b>	<b>0.7318</b>	<b>6.9160</b>	<b>7.7324</b>	<b>0.0137</b>		<b>0.3348</b>	<b>0.3348</b>		<b>0.3188</b>	<b>0.3188</b>		<b>1,315.0438</b>	<b>1,315.0438</b>	<b>0.2523</b>		<b>1,321.3517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0217	0.7569	0.2063	2.6200e-003	0.0677	8.6000e-004	0.0686	0.0195	8.2000e-004	0.0203		278.0949	278.0949	0.0111		278.3720
Worker	0.0699	0.0379	0.5219	1.8400e-003	0.2054	1.2400e-003	0.2066	0.0545	1.1400e-003	0.0556		183.4122	183.4122	3.5700e-003		183.5014
<b>Total</b>	<b>0.0915</b>	<b>0.7948</b>	<b>0.7282</b>	<b>4.4600e-003</b>	<b>0.2731</b>	<b>2.1000e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>1.9600e-003</b>	<b>0.0759</b>		<b>461.5071</b>	<b>461.5071</b>	<b>0.0147</b>		<b>461.8734</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7318	6.9160	7.7324	0.0137		0.3348	0.3348		0.3188	0.3188	0.0000	1,315.0438	1,315.0438	0.2523		1,321.3517
<b>Total</b>	<b>0.7318</b>	<b>6.9160</b>	<b>7.7324</b>	<b>0.0137</b>		<b>0.3348</b>	<b>0.3348</b>		<b>0.3188</b>	<b>0.3188</b>	<b>0.0000</b>	<b>1,315.0438</b>	<b>1,315.0438</b>	<b>0.2523</b>		<b>1,321.3517</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0217	0.7569	0.2063	2.6200e-003	0.0677	8.6000e-004	0.0686	0.0195	8.2000e-004	0.0203		278.0949	278.0949	0.0111		278.3720
Worker	0.0699	0.0379	0.5219	1.8400e-003	0.2054	1.2400e-003	0.2066	0.0545	1.1400e-003	0.0556		183.4122	183.4122	3.5700e-003		183.5014
<b>Total</b>	<b>0.0915</b>	<b>0.7948</b>	<b>0.7282</b>	<b>4.4600e-003</b>	<b>0.2731</b>	<b>2.1000e-003</b>	<b>0.2752</b>	<b>0.0740</b>	<b>1.9600e-003</b>	<b>0.0759</b>		<b>461.5071</b>	<b>461.5071</b>	<b>0.0147</b>		<b>461.8734</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	6.4416	7.6972	0.0137		0.2949	0.2949		0.2807	0.2807		1,315.2281	1,315.2281	0.2513		1,321.5100
<b>Total</b>	<b>0.6863</b>	<b>6.4416</b>	<b>7.6972</b>	<b>0.0137</b>		<b>0.2949</b>	<b>0.2949</b>		<b>0.2807</b>	<b>0.2807</b>		<b>1,315.2281</b>	<b>1,315.2281</b>	<b>0.2513</b>		<b>1,321.5100</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0210	0.7485	0.1988	2.6000e-003	0.0677	8.5000e-004	0.0685	0.0195	8.1000e-004	0.0203		276.1953	276.1953	0.0109		276.4669
Worker	0.0655	0.0342	0.4844	1.7700e-003	0.2054	1.2100e-003	0.2066	0.0545	1.1200e-003	0.0556		176.1460	176.1460	3.2200e-003		176.2264
<b>Total</b>	<b>0.0865</b>	<b>0.7827</b>	<b>0.6832</b>	<b>4.3700e-003</b>	<b>0.2731</b>	<b>2.0600e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9300e-003</b>	<b>0.0759</b>		<b>452.3413</b>	<b>452.3413</b>	<b>0.0141</b>		<b>452.6934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	6.4416	7.6972	0.0137		0.2949	0.2949		0.2807	0.2807	0.0000	1,315.2281	1,315.2281	0.2513		1,321.5100
<b>Total</b>	<b>0.6863</b>	<b>6.4416</b>	<b>7.6972</b>	<b>0.0137</b>		<b>0.2949</b>	<b>0.2949</b>		<b>0.2807</b>	<b>0.2807</b>	<b>0.0000</b>	<b>1,315.2281</b>	<b>1,315.2281</b>	<b>0.2513</b>		<b>1,321.5100</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0210	0.7485	0.1988	2.6000e-003	0.0677	8.5000e-004	0.0685	0.0195	8.1000e-004	0.0203		276.1953	276.1953	0.0109		276.4669
Worker	0.0655	0.0342	0.4844	1.7700e-003	0.2054	1.2100e-003	0.2066	0.0545	1.1200e-003	0.0556		176.1460	176.1460	3.2200e-003		176.2264
<b>Total</b>	<b>0.0865</b>	<b>0.7827</b>	<b>0.6832</b>	<b>4.3700e-003</b>	<b>0.2731</b>	<b>2.0600e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9300e-003</b>	<b>0.0759</b>		<b>452.3413</b>	<b>452.3413</b>	<b>0.0141</b>		<b>452.6934</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6398	5.9591	7.6636	0.0137		0.2552	0.2552		0.2428	0.2428		1,315.5267	1,315.5267	0.2492		1,321.7562
<b>Total</b>	<b>0.6398</b>	<b>5.9591</b>	<b>7.6636</b>	<b>0.0137</b>		<b>0.2552</b>	<b>0.2552</b>		<b>0.2428</b>	<b>0.2428</b>		<b>1,315.5267</b>	<b>1,315.5267</b>	<b>0.2492</b>		<b>1,321.7562</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0204	0.7398	0.1930	2.5800e-003	0.0677	8.3000e-004	0.0685	0.0195	8.0000e-004	0.0203		274.3708	274.3708	0.0107		274.6373
Worker	0.0618	0.0311	0.4494	1.6900e-003	0.2054	1.2000e-003	0.2066	0.0545	1.1000e-003	0.0556		168.9689	168.9689	2.9200e-003		169.0419
<b>Total</b>	<b>0.0822</b>	<b>0.7709</b>	<b>0.6424</b>	<b>4.2700e-003</b>	<b>0.2731</b>	<b>2.0300e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9000e-003</b>	<b>0.0759</b>		<b>443.3397</b>	<b>443.3397</b>	<b>0.0136</b>		<b>443.6792</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6398	5.9591	7.6636	0.0137		0.2552	0.2552		0.2428	0.2428	0.0000	1,315.5267	1,315.5267	0.2492		1,321.7562
<b>Total</b>	<b>0.6398</b>	<b>5.9591</b>	<b>7.6636</b>	<b>0.0137</b>		<b>0.2552</b>	<b>0.2552</b>		<b>0.2428</b>	<b>0.2428</b>	<b>0.0000</b>	<b>1,315.5267</b>	<b>1,315.5267</b>	<b>0.2492</b>		<b>1,321.7562</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0204	0.7398	0.1930	2.5800e-003	0.0677	8.3000e-004	0.0685	0.0195	8.0000e-004	0.0203		274.3708	274.3708	0.0107		274.6373
Worker	0.0618	0.0311	0.4494	1.6900e-003	0.2054	1.2000e-003	0.2066	0.0545	1.1000e-003	0.0556		168.9689	168.9689	2.9200e-003		169.0419
<b>Total</b>	<b>0.0822</b>	<b>0.7709</b>	<b>0.6424</b>	<b>4.2700e-003</b>	<b>0.2731</b>	<b>2.0300e-003</b>	<b>0.2751</b>	<b>0.0740</b>	<b>1.9000e-003</b>	<b>0.0759</b>		<b>443.3397</b>	<b>443.3397</b>	<b>0.0136</b>		<b>443.6792</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>2.9618</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0131	6.8500e-003	0.0969	3.5000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		35.2292	35.2292	6.4000e-004		35.2453
<b>Total</b>	<b>0.0131</b>	<b>6.8500e-003</b>	<b>0.0969</b>	<b>3.5000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>35.2292</b>	<b>35.2292</b>	<b>6.4000e-004</b>		<b>35.2453</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>2.9618</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0131	6.8500e-003	0.0969	3.5000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		35.2292	35.2292	6.4000e-004		35.2453
<b>Total</b>	<b>0.0131</b>	<b>6.8500e-003</b>	<b>0.0969</b>	<b>3.5000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>35.2292</b>	<b>35.2292</b>	<b>6.4000e-004</b>		<b>35.2453</b>

**3.6 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>2.9519</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.6 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0124	6.2300e-003	0.0899	3.4000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		33.7938	33.7938	5.8000e-004		33.8084
<b>Total</b>	<b>0.0124</b>	<b>6.2300e-003</b>	<b>0.0899</b>	<b>3.4000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>33.7938</b>	<b>33.7938</b>	<b>5.8000e-004</b>		<b>33.8084</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.7810					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>2.9519</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.6 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0124	6.2300e-003	0.0899	3.4000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		33.7938	33.7938	5.8000e-004		33.8084
<b>Total</b>	<b>0.0124</b>	<b>6.2300e-003</b>	<b>0.0899</b>	<b>3.4000e-004</b>	<b>0.0411</b>	<b>2.4000e-004</b>	<b>0.0413</b>	<b>0.0109</b>	<b>2.2000e-004</b>	<b>0.0111</b>		<b>33.7938</b>	<b>33.7938</b>	<b>5.8000e-004</b>		<b>33.8084</b>

**3.7 Paving - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5601	5.1988	8.5601	0.0132		0.2412	0.2412		0.2227	0.2227		1,267.6371	1,267.6371	0.4017		1,277.6786
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5601</b>	<b>5.1988</b>	<b>8.5601</b>	<b>0.0132</b>		<b>0.2412</b>	<b>0.2412</b>		<b>0.2227</b>	<b>0.2227</b>		<b>1,267.6371</b>	<b>1,267.6371</b>	<b>0.4017</b>		<b>1,277.6786</b>



2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.7 Paving - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0322	0.0162	0.2337	8.8000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		87.8639	87.8639	1.5200e-003		87.9018
<b>Total</b>	<b>0.0322</b>	<b>0.0162</b>	<b>0.2337</b>	<b>8.8000e-004</b>	<b>0.1068</b>	<b>6.2000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>5.7000e-004</b>	<b>0.0289</b>		<b>87.8639</b>	<b>87.8639</b>	<b>1.5200e-003</b>		<b>87.9018</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5601	5.1988	8.5601	0.0132		0.2412	0.2412		0.2227	0.2227	0.0000	1,267.6371	1,267.6371	0.4017		1,277.6786
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.5601</b>	<b>5.1988</b>	<b>8.5601</b>	<b>0.0132</b>		<b>0.2412</b>	<b>0.2412</b>		<b>0.2227</b>	<b>0.2227</b>	<b>0.0000</b>	<b>1,267.6371</b>	<b>1,267.6371</b>	<b>0.4017</b>		<b>1,277.6786</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**3.7 Paving - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0322	0.0162	0.2337	8.8000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		87.8639	87.8639	1.5200e-003		87.9018
<b>Total</b>	<b>0.0322</b>	<b>0.0162</b>	<b>0.2337</b>	<b>8.8000e-004</b>	<b>0.1068</b>	<b>6.2000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>5.7000e-004</b>	<b>0.0289</b>		<b>87.8639</b>	<b>87.8639</b>	<b>1.5200e-003</b>		<b>87.9018</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0556	4.1962	11.2065	0.0457	4.3041	0.0350	4.3391	1.1513	0.0326	1.1839		4,629.4737	4,629.4737	0.1454		4,633.1086
Unmitigated	1.0556	4.1962	11.2065	0.0457	4.3041	0.0350	4.3391	1.1513	0.0326	1.1839		4,629.4737	4,629.4737	0.1454		4,633.1086

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	798.00	673.80	72.60	1,718,323	1,718,323
Total	798.00	673.80	72.60	1,718,323	1,718,323

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
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.581705	0.037849	0.193793	0.109044	0.014574	0.005304	0.018664	0.026966	0.002656	0.002072	0.005755	0.000900	0.000719

5.0 Energy Detail

Historical Energy Use: N

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**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					
Junior College (2Yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
Unmitigated	1.4560	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**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	0.1714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2840					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.6000e-004	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
<b>Total</b>	<b>1.4560</b>	<b>6.0000e-005</b>	<b>6.1100e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0131</b>	<b>0.0131</b>	<b>3.0000e-005</b>		<b>0.0140</b>

**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	0.1714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2840					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.6000e-004	6.0000e-005	6.1100e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0131	0.0131	3.0000e-005		0.0140
<b>Total</b>	<b>1.4560</b>	<b>6.0000e-005</b>	<b>6.1100e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>0.0131</b>	<b>0.0131</b>	<b>3.0000e-005</b>		<b>0.0140</b>

**7.0 Water Detail**

## 2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**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****Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	359	0.73	Diesel

**Boilers**

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

**User Defined Equipment**

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

2118 Milvia Street Project - AQ - Bay Area AQMD Air District, Summer

**10.1 Stationary Sources**

**Unmitigated/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	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (300 - 600 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>			<b>0.0000</b>

**11.0 Vegetation**

---



2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**2118 Milvia Street Project - GHG**  
**Bay Area AQMD Air District, Annual**

**1.0 Project Characteristics**

---

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior College (2Yr)	60.00	1000sqft	0.26	60,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2030
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MWhr)</b>	0	<b>CH4 Intensity (lb/MWhr)</b>	0	<b>N2O Intensity (lb/MWhr)</b>	0

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

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

Project Characteristics - Project would enroll in East Bay Community Power Brilliant 100 (100% carbon-free electricity)

Land Use - Lot acreage per project site details

Construction Phase - Construction schedule per College, architectural coating starts halfway through building construction

Off-road Equipment -

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Off-road Equipment - Equipment per College

Trips and VMT -

Demolition - 25 ksf is existing sf of building to be demolished

Grading - Export per College

Architectural Coating - per BAAQMD Reg 8 Rule 3

Vehicle Trips - Weekday trip rate per TIS

Energy Use - Electricity use reduced by 30% per 2019 Title 24. No natural gas use.

Water And Wastewater - No outdoor water use per site plan

Construction Off-road Equipment Mitigation - per College: watering 2x daily

Mobile Land Use Mitigation -

Water Mitigation - Indoor water use reduced 20% per 2016 CalGreen. Low-flow appliances per Sustainability Plan.

Stationary Sources - Emergency Generators and Fire Pumps - Per BAAQMD Regulation 9 Rule 8, operational hours assumed to be 50 hours per year for testing and maintenance

## 2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	100.00
tblConstructionPhase	NumDays	5.00	200.00
tblConstructionPhase	NumDays	100.00	523.00
tblConstructionPhase	NumDays	10.00	67.00
tblConstructionPhase	NumDays	2.00	32.00
tblConstructionPhase	NumDays	1.00	33.00
tblEnergyUse	NT24NG	0.74	0.00
tblEnergyUse	T24E	4.14	2.90
tblEnergyUse	T24NG	33.46	0.00
tblGrading	MaterialExported	0.00	1,500.00
tblLandUse	LotAcreage	1.38	0.26
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblVehicleTrips	WD_TR	27.49	13.30
tblWater	OutdoorWaterUseRate	4,603,063.05	0.00

## 2.0 Emissions Summary

---

2118 Milvia Street Project - GHG - Bay Area 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					
2022	0.0508	0.4898	0.4057	7.9000e-004	0.0155	0.0235	0.0390	2.7500e-003	0.0220	0.0248	0.0000	69.4791	69.4791	0.0160	0.0000	69.8794
2023	0.1111	1.0755	1.0639	2.3300e-003	0.1353	0.0464	0.1817	0.0620	0.0439	0.1059	0.0000	206.2035	206.2035	0.0353	0.0000	207.0870
2024	0.2973	1.0286	1.2188	2.5700e-003	0.0371	0.0430	0.0800	0.0101	0.0411	0.0511	0.0000	227.0590	227.0590	0.0325	0.0000	227.8724
2025	0.1267	0.2814	0.3676	7.5000e-004	0.0106	0.0111	0.0217	2.8600e-003	0.0106	0.0135	0.0000	66.5077	66.5077	9.5100e-003	0.0000	66.7455
<b>Maximum</b>	<b>0.2973</b>	<b>1.0755</b>	<b>1.2188</b>	<b>2.5700e-003</b>	<b>0.1353</b>	<b>0.0464</b>	<b>0.1817</b>	<b>0.0620</b>	<b>0.0439</b>	<b>0.1059</b>	<b>0.0000</b>	<b>227.0590</b>	<b>227.0590</b>	<b>0.0353</b>	<b>0.0000</b>	<b>227.8724</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**2.1 Overall Construction**

**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					
2022	0.0508	0.4898	0.4057	7.9000e-004	8.9000e-003	0.0235	0.0324	1.7600e-003	0.0220	0.0238	0.0000	69.4790	69.4790	0.0160	0.0000	69.8794
2023	0.1111	1.0755	1.0639	2.3300e-003	0.0772	0.0464	0.1236	0.0323	0.0439	0.0762	0.0000	206.2033	206.2033	0.0353	0.0000	207.0868
2024	0.2973	1.0286	1.2188	2.5700e-003	0.0371	0.0430	0.0800	0.0101	0.0411	0.0511	0.0000	227.0588	227.0588	0.0325	0.0000	227.8722
2025	0.1267	0.2814	0.3676	7.5000e-004	0.0106	0.0111	0.0217	2.8600e-003	0.0106	0.0135	0.0000	66.5077	66.5077	9.5100e-003	0.0000	66.7455
<b>Maximum</b>	<b>0.2973</b>	<b>1.0755</b>	<b>1.2188</b>	<b>2.5700e-003</b>	<b>0.0772</b>	<b>0.0464</b>	<b>0.1236</b>	<b>0.0323</b>	<b>0.0439</b>	<b>0.0762</b>	<b>0.0000</b>	<b>227.0588</b>	<b>227.0588</b>	<b>0.0353</b>	<b>0.0000</b>	<b>227.8722</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>32.58</b>	<b>0.00</b>	<b>20.05</b>	<b>39.49</b>	<b>0.00</b>	<b>15.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-3-2022	1-2-2023	0.5448	0.5448
2	1-3-2023	4-2-2023	0.3418	0.3418
3	4-3-2023	7-2-2023	0.2811	0.2811
4	7-3-2023	10-2-2023	0.2804	0.2804
5	10-3-2023	1-2-2024	0.2806	0.2806
6	1-3-2024	4-2-2024	0.2605	0.2605
7	4-3-2024	7-2-2024	0.2629	0.2629
8	7-3-2024	10-2-2024	0.4008	0.4008

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

9	10-3-2024	1-2-2025	0.4010	0.4010
10	1-3-2025	4-2-2025	0.3724	0.3724
11	4-3-2025	7-2-2025	0.0228	0.0228
		Highest	0.5448	0.5448

**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	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1123	0.5829	1.2933	5.9300e-003	0.6390	3.9100e-003	0.6430	0.1714	3.6400e-003	0.1751	0.0000	547.6371	547.6371	0.0171	0.0000	548.0634
Stationary	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
Waste						0.0000	0.0000		0.0000	0.0000	15.8333	0.0000	15.8333	0.9357	0.0000	39.2263
Water						0.0000	0.0000		0.0000	0.0000	0.9337	0.0000	0.9337	0.0959	2.2600e-003	4.0058
<b>Total</b>	<b>0.3927</b>	<b>0.6241</b>	<b>1.3314</b>	<b>6.0000e-003</b>	<b>0.6390</b>	<b>6.0800e-003</b>	<b>0.6451</b>	<b>0.1714</b>	<b>5.8100e-003</b>	<b>0.1772</b>	<b>16.7670</b>	<b>554.4735</b>	<b>571.2404</b>	<b>1.0496</b>	<b>2.2600e-003</b>	<b>598.1559</b>

2118 Milvia Street Project - GHG - Bay Area 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	0.2657	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1123	0.5829	1.2933	5.9300e-003	0.6390	3.9100e-003	0.6430	0.1714	3.6400e-003	0.1751	0.0000	547.6371	547.6371	0.0171	0.0000	548.0634
Stationary	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
Waste						0.0000	0.0000		0.0000	0.0000	15.8333	0.0000	15.8333	0.9357	0.0000	39.2263
Water						0.0000	0.0000		0.0000	0.0000	0.7469	0.0000	0.7469	0.0767	1.8100e-003	3.2047
<b>Total</b>	<b>0.3927</b>	<b>0.6241</b>	<b>1.3314</b>	<b>6.0000e-003</b>	<b>0.6390</b>	<b>6.0800e-003</b>	<b>0.6451</b>	<b>0.1714</b>	<b>5.8100e-003</b>	<b>0.1772</b>	<b>16.5802</b>	<b>554.4735</b>	<b>571.0537</b>	<b>1.0305</b>	<b>1.8100e-003</b>	<b>597.3548</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.11</b>	<b>0.00</b>	<b>0.03</b>	<b>1.83</b>	<b>19.91</b>	<b>0.13</b>

**3.0 Construction Detail**

**Construction Phase**

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	1/3/2023	5	67	
2	Site Preparation	Site Preparation	1/4/2023	2/19/2023	5	33	
3	Grading	Grading	2/20/2023	4/4/2023	5	32	
4	Building Construction	Building Construction	4/5/2023	4/4/2025	5	523	
5	Architectural Coating	Architectural Coating	7/1/2024	4/4/2025	5	200	
6	Paving	Paving	4/5/2025	4/11/2025	5	5	

**Acres of Grading (Site Preparation Phase): 16.5**

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

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**



## 2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rollers	1	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Paving Equipment	1	7.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

**Trips and VMT**

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

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
Demolition	4	10.00	0.00	114.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	188.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	25.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 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					
Fugitive Dust					0.0119	0.0000	0.0119	1.8100e-003	0.0000	1.8100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0494	0.4754	0.3959	7.2000e-004		0.0234	0.0234		0.0220	0.0220	0.0000	63.2611	63.2611	0.0158	0.0000	63.6552
<b>Total</b>	<b>0.0494</b>	<b>0.4754</b>	<b>0.3959</b>	<b>7.2000e-004</b>	<b>0.0119</b>	<b>0.0234</b>	<b>0.0354</b>	<b>1.8100e-003</b>	<b>0.0220</b>	<b>0.0238</b>	<b>0.0000</b>	<b>63.2611</b>	<b>63.2611</b>	<b>0.0158</b>	<b>0.0000</b>	<b>63.6552</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.2 Demolition - 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	4.1000e-004	0.0137	3.1200e-003	4.0000e-005	9.6000e-004	4.0000e-005	1.0000e-003	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	4.1266	4.1266	2.1000e-004	0.0000	4.1318
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	9.3000e-004	6.2000e-004	6.7000e-003	2.0000e-005	2.5700e-003	2.0000e-005	2.5800e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.0914	2.0914	4.0000e-005	0.0000	2.0925
<b>Total</b>	<b>1.3400e-003</b>	<b>0.0143</b>	<b>9.8200e-003</b>	<b>6.0000e-005</b>	<b>3.5300e-003</b>	<b>6.0000e-005</b>	<b>3.5800e-003</b>	<b>9.4000e-004</b>	<b>6.0000e-005</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>6.2180</b>	<b>6.2180</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>6.2243</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3700e-003	0.0000	5.3700e-003	8.1000e-004	0.0000	8.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0494	0.4754	0.3959	7.2000e-004		0.0234	0.0234		0.0220	0.0220	0.0000	63.2610	63.2610	0.0158	0.0000	63.6551
<b>Total</b>	<b>0.0494</b>	<b>0.4754</b>	<b>0.3959</b>	<b>7.2000e-004</b>	<b>5.3700e-003</b>	<b>0.0234</b>	<b>0.0288</b>	<b>8.1000e-004</b>	<b>0.0220</b>	<b>0.0228</b>	<b>0.0000</b>	<b>63.2610</b>	<b>63.2610</b>	<b>0.0158</b>	<b>0.0000</b>	<b>63.6551</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.2 Demolition - 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	4.1000e-004	0.0137	3.1200e-003	4.0000e-005	9.6000e-004	4.0000e-005	1.0000e-003	2.6000e-004	4.0000e-005	3.0000e-004	0.0000	4.1266	4.1266	2.1000e-004	0.0000	4.1318
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	9.3000e-004	6.2000e-004	6.7000e-003	2.0000e-005	2.5700e-003	2.0000e-005	2.5800e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.0914	2.0914	4.0000e-005	0.0000	2.0925
<b>Total</b>	<b>1.3400e-003</b>	<b>0.0143</b>	<b>9.8200e-003</b>	<b>6.0000e-005</b>	<b>3.5300e-003</b>	<b>6.0000e-005</b>	<b>3.5800e-003</b>	<b>9.4000e-004</b>	<b>6.0000e-005</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>6.2180</b>	<b>6.2180</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>6.2243</b>

**3.2 Demolition - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.7000e-004	0.0000	3.7000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3200e-003	0.0124	0.0117	2.0000e-005		5.8000e-004	5.8000e-004		5.5000e-004	5.5000e-004	0.0000	1.9468	1.9468	4.8000e-004	0.0000	1.9588
<b>Total</b>	<b>1.3200e-003</b>	<b>0.0124</b>	<b>0.0117</b>	<b>2.0000e-005</b>	<b>3.7000e-004</b>	<b>5.8000e-004</b>	<b>9.5000e-004</b>	<b>6.0000e-005</b>	<b>5.5000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>1.9468</b>	<b>1.9468</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.9588</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.2 Demolition - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	7.3000e-004	0.0000	7.3000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1221	0.1221	1.0000e-005	0.0000	0.1223
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	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0619	0.0619	0.0000	0.0000	0.0619
<b>Total</b>	<b>4.0000e-005</b>	<b>3.0000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.1840</b>	<b>0.1840</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1842</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3200e-003	0.0124	0.0117	2.0000e-005		5.8000e-004	5.8000e-004		5.5000e-004	5.5000e-004	0.0000	1.9468	1.9468	4.8000e-004	0.0000	1.9588
<b>Total</b>	<b>1.3200e-003</b>	<b>0.0124</b>	<b>0.0117</b>	<b>2.0000e-005</b>	<b>1.7000e-004</b>	<b>5.8000e-004</b>	<b>7.5000e-004</b>	<b>3.0000e-005</b>	<b>5.5000e-004</b>	<b>5.8000e-004</b>	<b>0.0000</b>	<b>1.9468</b>	<b>1.9468</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.9588</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.2 Demolition - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	7.3000e-004	0.0000	7.3000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1221	0.1221	1.0000e-005	0.0000	0.1223
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	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0619	0.0619	0.0000	0.0000	0.0619
<b>Total</b>	<b>4.0000e-005</b>	<b>3.0000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>8.1000e-004</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.1840</b>	<b>0.1840</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1842</b>

**3.3 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.8300e-003	0.0000	8.8300e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8200e-003	0.1021	0.0648	1.6000e-004		3.7400e-003	3.7400e-003		3.4400e-003	3.4400e-003	0.0000	14.1068	14.1068	4.5600e-003	0.0000	14.2209
<b>Total</b>	<b>8.8200e-003</b>	<b>0.1021</b>	<b>0.0648</b>	<b>1.6000e-004</b>	<b>8.8300e-003</b>	<b>3.7400e-003</b>	<b>0.0126</b>	<b>9.6000e-004</b>	<b>3.4400e-003</b>	<b>4.4000e-003</b>	<b>0.0000</b>	<b>14.1068</b>	<b>14.1068</b>	<b>4.5600e-003</b>	<b>0.0000</b>	<b>14.2209</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.3 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0156	4.8100e-003	7.0000e-005	1.5900e-003	3.0000e-005	1.6200e-003	4.4000e-004	3.0000e-005	4.6000e-004	0.0000	6.7473	6.7473	3.2000e-004	0.0000	6.7553
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	2.2000e-004	1.4000e-004	1.5600e-003	1.0000e-005	6.5000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5106	0.5106	1.0000e-005	0.0000	0.5108
<b>Total</b>	<b>7.0000e-004</b>	<b>0.0157</b>	<b>6.3700e-003</b>	<b>8.0000e-005</b>	<b>2.2400e-003</b>	<b>3.0000e-005</b>	<b>2.2800e-003</b>	<b>6.1000e-004</b>	<b>3.0000e-005</b>	<b>6.4000e-004</b>	<b>0.0000</b>	<b>7.2579</b>	<b>7.2579</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>7.2661</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.9800e-003	0.0000	3.9800e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8200e-003	0.1021	0.0647	1.6000e-004		3.7400e-003	3.7400e-003		3.4400e-003	3.4400e-003	0.0000	14.1068	14.1068	4.5600e-003	0.0000	14.2209
<b>Total</b>	<b>8.8200e-003</b>	<b>0.1021</b>	<b>0.0647</b>	<b>1.6000e-004</b>	<b>3.9800e-003</b>	<b>3.7400e-003</b>	<b>7.7200e-003</b>	<b>4.3000e-004</b>	<b>3.4400e-003</b>	<b>3.8700e-003</b>	<b>0.0000</b>	<b>14.1068</b>	<b>14.1068</b>	<b>4.5600e-003</b>	<b>0.0000</b>	<b>14.2209</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.3 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0156	4.8100e-003	7.0000e-005	1.5900e-003	3.0000e-005	1.6200e-003	4.4000e-004	3.0000e-005	4.6000e-004	0.0000	6.7473	6.7473	3.2000e-004	0.0000	6.7553
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	2.2000e-004	1.4000e-004	1.5600e-003	1.0000e-005	6.5000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5106	0.5106	1.0000e-005	0.0000	0.5108
<b>Total</b>	<b>7.0000e-004</b>	<b>0.0157</b>	<b>6.3700e-003</b>	<b>8.0000e-005</b>	<b>2.2400e-003</b>	<b>3.0000e-005</b>	<b>2.2800e-003</b>	<b>6.1000e-004</b>	<b>3.0000e-005</b>	<b>6.4000e-004</b>	<b>0.0000</b>	<b>7.2579</b>	<b>7.2579</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>7.2661</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0964	0.0000	0.0964	0.0530	0.0000	0.0530	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.1996	0.1646	3.2000e-004		9.5100e-003	9.5100e-003		8.9200e-003	8.9200e-003	0.0000	27.5778	27.5778	6.5600e-003	0.0000	27.7418
<b>Total</b>	<b>0.0206</b>	<b>0.1996</b>	<b>0.1646</b>	<b>3.2000e-004</b>	<b>0.0964</b>	<b>9.5100e-003</b>	<b>0.1059</b>	<b>0.0530</b>	<b>8.9200e-003</b>	<b>0.0619</b>	<b>0.0000</b>	<b>27.5778</b>	<b>27.5778</b>	<b>6.5600e-003</b>	<b>0.0000</b>	<b>27.7418</b>



2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.0300e-003	1.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9902	0.9902	2.0000e-005	0.0000	0.9907
<b>Total</b>	<b>4.3000e-004</b>	<b>2.7000e-004</b>	<b>3.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>0.9902</b>	<b>0.9902</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9907</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0434	0.0000	0.0434	0.0238	0.0000	0.0238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0206	0.1996	0.1646	3.2000e-004		9.5100e-003	9.5100e-003		8.9200e-003	8.9200e-003	0.0000	27.5778	27.5778	6.5600e-003	0.0000	27.7418
<b>Total</b>	<b>0.0206</b>	<b>0.1996</b>	<b>0.1646</b>	<b>3.2000e-004</b>	<b>0.0434</b>	<b>9.5100e-003</b>	<b>0.0529</b>	<b>0.0238</b>	<b>8.9200e-003</b>	<b>0.0328</b>	<b>0.0000</b>	<b>27.5778</b>	<b>27.5778</b>	<b>6.5600e-003</b>	<b>0.0000</b>	<b>27.7418</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.0300e-003	1.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.4000e-004	1.0000e-005	3.4000e-004	0.0000	0.9902	0.9902	2.0000e-005	0.0000	0.9907
<b>Total</b>	<b>4.3000e-004</b>	<b>2.7000e-004</b>	<b>3.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>1.0000e-005</b>	<b>1.2700e-003</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>0.9902</b>	<b>0.9902</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9907</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0706	0.6674	0.7462	1.3200e-003		0.0323	0.0323		0.0308	0.0308	0.0000	115.1233	115.1233	0.0221	0.0000	115.6755
<b>Total</b>	<b>0.0706</b>	<b>0.6674</b>	<b>0.7462</b>	<b>1.3200e-003</b>		<b>0.0323</b>	<b>0.0323</b>		<b>0.0308</b>	<b>0.0308</b>	<b>0.0000</b>	<b>115.1233</b>	<b>115.1233</b>	<b>0.0221</b>	<b>0.0000</b>	<b>115.6755</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0736	0.0212	2.5000e-004	6.3300e-003	8.0000e-005	6.4100e-003	1.8300e-003	8.0000e-005	1.9100e-003	0.0000	24.0868	24.0868	1.0000e-003	0.0000	24.1118
Worker	6.4500e-003	4.1200e-003	0.0457	1.6000e-004	0.0191	1.2000e-004	0.0192	5.0700e-003	1.1000e-004	5.1800e-003	0.0000	14.9299	14.9299	2.9000e-004	0.0000	14.9372
<b>Total</b>	<b>8.5900e-003</b>	<b>0.0777</b>	<b>0.0669</b>	<b>4.1000e-004</b>	<b>0.0254</b>	<b>2.0000e-004</b>	<b>0.0256</b>	<b>6.9000e-003</b>	<b>1.9000e-004</b>	<b>7.0900e-003</b>	<b>0.0000</b>	<b>39.0167</b>	<b>39.0167</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>39.0490</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0706	0.6674	0.7462	1.3200e-003		0.0323	0.0323		0.0308	0.0308	0.0000	115.1232	115.1232	0.0221	0.0000	115.6754
<b>Total</b>	<b>0.0706</b>	<b>0.6674</b>	<b>0.7462</b>	<b>1.3200e-003</b>		<b>0.0323</b>	<b>0.0323</b>		<b>0.0308</b>	<b>0.0308</b>	<b>0.0000</b>	<b>115.1232</b>	<b>115.1232</b>	<b>0.0221</b>	<b>0.0000</b>	<b>115.6754</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0736	0.0212	2.5000e-004	6.3300e-003	8.0000e-005	6.4100e-003	1.8300e-003	8.0000e-005	1.9100e-003	0.0000	24.0868	24.0868	1.0000e-003	0.0000	24.1118
Worker	6.4500e-003	4.1200e-003	0.0457	1.6000e-004	0.0191	1.2000e-004	0.0192	5.0700e-003	1.1000e-004	5.1800e-003	0.0000	14.9299	14.9299	2.9000e-004	0.0000	14.9372
<b>Total</b>	<b>8.5900e-003</b>	<b>0.0777</b>	<b>0.0669</b>	<b>4.1000e-004</b>	<b>0.0254</b>	<b>2.0000e-004</b>	<b>0.0256</b>	<b>6.9000e-003</b>	<b>1.9000e-004</b>	<b>7.0900e-003</b>	<b>0.0000</b>	<b>39.0167</b>	<b>39.0167</b>	<b>1.2900e-003</b>	<b>0.0000</b>	<b>39.0490</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0899	0.8439	1.0083	1.8000e-003		0.0386	0.0386		0.0368	0.0368	0.0000	156.3033	156.3033	0.0299	0.0000	157.0498
<b>Total</b>	<b>0.0899</b>	<b>0.8439</b>	<b>1.0083</b>	<b>1.8000e-003</b>		<b>0.0386</b>	<b>0.0386</b>		<b>0.0368</b>	<b>0.0368</b>	<b>0.0000</b>	<b>156.3033</b>	<b>156.3033</b>	<b>0.0299</b>	<b>0.0000</b>	<b>157.0498</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8100e-003	0.0988	0.0277	3.4000e-004	8.5900e-003	1.1000e-004	8.7000e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.4774	32.4774	1.3300e-003	0.0000	32.5108
Worker	8.2300e-003	5.0500e-003	0.0575	2.2000e-004	0.0259	1.6000e-004	0.0260	6.8800e-003	1.5000e-004	7.0300e-003	0.0000	19.4654	19.4654	3.6000e-004	0.0000	19.4743
<b>Total</b>	<b>0.0110</b>	<b>0.1039</b>	<b>0.0852</b>	<b>5.6000e-004</b>	<b>0.0345</b>	<b>2.7000e-004</b>	<b>0.0347</b>	<b>9.3600e-003</b>	<b>2.6000e-004</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>51.9428</b>	<b>51.9428</b>	<b>1.6900e-003</b>	<b>0.0000</b>	<b>51.9851</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0899	0.8438	1.0083	1.8000e-003		0.0386	0.0386		0.0368	0.0368	0.0000	156.3031	156.3031	0.0299	0.0000	157.0497
<b>Total</b>	<b>0.0899</b>	<b>0.8438</b>	<b>1.0083</b>	<b>1.8000e-003</b>		<b>0.0386</b>	<b>0.0386</b>		<b>0.0368</b>	<b>0.0368</b>	<b>0.0000</b>	<b>156.3031</b>	<b>156.3031</b>	<b>0.0299</b>	<b>0.0000</b>	<b>157.0497</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8100e-003	0.0988	0.0277	3.4000e-004	8.5900e-003	1.1000e-004	8.7000e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.4774	32.4774	1.3300e-003	0.0000	32.5108
Worker	8.2300e-003	5.0500e-003	0.0575	2.2000e-004	0.0259	1.6000e-004	0.0260	6.8800e-003	1.5000e-004	7.0300e-003	0.0000	19.4654	19.4654	3.6000e-004	0.0000	19.4743
<b>Total</b>	<b>0.0110</b>	<b>0.1039</b>	<b>0.0852</b>	<b>5.6000e-004</b>	<b>0.0345</b>	<b>2.7000e-004</b>	<b>0.0347</b>	<b>9.3600e-003</b>	<b>2.6000e-004</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>51.9428</b>	<b>51.9428</b>	<b>1.6900e-003</b>	<b>0.0000</b>	<b>51.9851</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2026	0.2606	4.7000e-004		8.6800e-003	8.6800e-003		8.2600e-003	8.2600e-003	0.0000	40.5765	40.5765	7.6900e-003	0.0000	40.7686
<b>Total</b>	<b>0.0218</b>	<b>0.2026</b>	<b>0.2606</b>	<b>4.7000e-004</b>		<b>8.6800e-003</b>	<b>8.6800e-003</b>		<b>8.2600e-003</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>40.5765</b>	<b>40.5765</b>	<b>7.6900e-003</b>	<b>0.0000</b>	<b>40.7686</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0253	6.9700e-003	9.0000e-005	2.2300e-003	3.0000e-005	2.2600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	8.3742	8.3742	3.4000e-004	0.0000	8.3827
Worker	2.0200e-003	1.1900e-003	0.0138	5.0000e-005	6.7200e-003	4.0000e-005	6.7600e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	4.8465	4.8465	8.0000e-005	0.0000	4.8485
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0265</b>	<b>0.0208</b>	<b>1.4000e-004</b>	<b>8.9500e-003</b>	<b>7.0000e-005</b>	<b>9.0200e-003</b>	<b>2.4300e-003</b>	<b>7.0000e-005</b>	<b>2.4900e-003</b>	<b>0.0000</b>	<b>13.2206</b>	<b>13.2206</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>13.2312</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0218	0.2026	0.2606	4.7000e-004		8.6800e-003	8.6800e-003		8.2600e-003	8.2600e-003	0.0000	40.5764	40.5764	7.6900e-003	0.0000	40.7686
<b>Total</b>	<b>0.0218</b>	<b>0.2026</b>	<b>0.2606</b>	<b>4.7000e-004</b>		<b>8.6800e-003</b>	<b>8.6800e-003</b>		<b>8.2600e-003</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>40.5764</b>	<b>40.5764</b>	<b>7.6900e-003</b>	<b>0.0000</b>	<b>40.7686</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.1000e-004	0.0253	6.9700e-003	9.0000e-005	2.2300e-003	3.0000e-005	2.2600e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	8.3742	8.3742	3.4000e-004	0.0000	8.3827
Worker	2.0200e-003	1.1900e-003	0.0138	5.0000e-005	6.7200e-003	4.0000e-005	6.7600e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	4.8465	4.8465	8.0000e-005	0.0000	4.8485
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0265</b>	<b>0.0208</b>	<b>1.4000e-004</b>	<b>8.9500e-003</b>	<b>7.0000e-005</b>	<b>9.0200e-003</b>	<b>2.4300e-003</b>	<b>7.0000e-005</b>	<b>2.4900e-003</b>	<b>0.0000</b>	<b>13.2206</b>	<b>13.2206</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>13.2312</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.0804	0.1195	2.0000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	16.8515	16.8515	9.5000e-004	0.0000	16.8752
<b>Total</b>	<b>0.1955</b>	<b>0.0804</b>	<b>0.1195</b>	<b>2.0000e-004</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>9.5000e-004</b>	<b>0.0000</b>	<b>16.8752</b>



2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.8000e-003	2.0000e-005	2.6100e-003	2.0000e-005	2.6200e-003	6.9000e-004	1.0000e-005	7.1000e-004	0.0000	1.9614	1.9614	4.0000e-005	0.0000	1.9623
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.8000e-003</b>	<b>2.0000e-005</b>	<b>2.6100e-003</b>	<b>2.0000e-005</b>	<b>2.6200e-003</b>	<b>6.9000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9614</b>	<b>1.9614</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.9623</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1836					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.0804	0.1195	2.0000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	16.8515	16.8515	9.5000e-004	0.0000	16.8752
<b>Total</b>	<b>0.1955</b>	<b>0.0804</b>	<b>0.1195</b>	<b>2.0000e-004</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>		<b>4.0200e-003</b>	<b>4.0200e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>9.5000e-004</b>	<b>0.0000</b>	<b>16.8752</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.8000e-003	2.0000e-005	2.6100e-003	2.0000e-005	2.6200e-003	6.9000e-004	1.0000e-005	7.1000e-004	0.0000	1.9614	1.9614	4.0000e-005	0.0000	1.9623
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.8000e-003</b>	<b>2.0000e-005</b>	<b>2.6100e-003</b>	<b>2.0000e-005</b>	<b>2.6200e-003</b>	<b>6.9000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9614</b>	<b>1.9614</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.9623</b>

**3.6 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0946					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8100e-003	0.0390	0.0615	1.0000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	8.6811	8.6811	4.7000e-004	0.0000	8.6929
<b>Total</b>	<b>0.1004</b>	<b>0.0390</b>	<b>0.0615</b>	<b>1.0000e-004</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>	<b>0.0000</b>	<b>8.6811</b>	<b>8.6811</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>8.6929</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.4000e-004	2.7700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.6000e-004	0.0000	0.9693	0.9693	2.0000e-005	0.0000	0.9697
<b>Total</b>	<b>4.0000e-004</b>	<b>2.4000e-004</b>	<b>2.7700e-003</b>	<b>1.0000e-005</b>	<b>1.3400e-003</b>	<b>1.0000e-005</b>	<b>1.3500e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>0.9693</b>	<b>0.9693</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9697</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0946					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8100e-003	0.0390	0.0615	1.0000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	8.6811	8.6811	4.7000e-004	0.0000	8.6929
<b>Total</b>	<b>0.1004</b>	<b>0.0390</b>	<b>0.0615</b>	<b>1.0000e-004</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>		<b>1.7500e-003</b>	<b>1.7500e-003</b>	<b>0.0000</b>	<b>8.6811</b>	<b>8.6811</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>8.6929</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.6 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.4000e-004	2.7700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.6000e-004	0.0000	0.9693	0.9693	2.0000e-005	0.0000	0.9697
<b>Total</b>	<b>4.0000e-004</b>	<b>2.4000e-004</b>	<b>2.7700e-003</b>	<b>1.0000e-005</b>	<b>1.3400e-003</b>	<b>1.0000e-005</b>	<b>1.3500e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>0.9693</b>	<b>0.9693</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9697</b>

**3.7 Paving - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0130	0.0214	3.0000e-005		6.0000e-004	6.0000e-004		5.6000e-004	5.6000e-004	0.0000	2.8750	2.8750	9.1000e-004	0.0000	2.8977
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.4000e-003</b>	<b>0.0130</b>	<b>0.0214</b>	<b>3.0000e-005</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.8750</b>	<b>2.8750</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>2.8977</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.7 Paving - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1853	0.1853	0.0000	0.0000	0.1854
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.1853</b>	<b>0.1853</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1854</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4000e-003	0.0130	0.0214	3.0000e-005		6.0000e-004	6.0000e-004		5.6000e-004	5.6000e-004	0.0000	2.8750	2.8750	9.1000e-004	0.0000	2.8977
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.4000e-003</b>	<b>0.0130</b>	<b>0.0214</b>	<b>3.0000e-005</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>2.8750</b>	<b>2.8750</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>2.8977</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**3.7 Paving - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.3000e-004	0.0000	2.6000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1853	0.1853	0.0000	0.0000	0.1854
<b>Total</b>	<b>8.0000e-005</b>	<b>5.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.1853</b>	<b>0.1853</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1854</b>

**4.0 Operational Detail - Mobile**

---

**4.1 Mitigation Measures Mobile**

2118 Milvia Street Project - GHG - Bay Area 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	0.1123	0.5829	1.2933	5.9300e-003	0.6390	3.9100e-003	0.6430	0.1714	3.6400e-003	0.1751	0.0000	547.6371	547.6371	0.0171	0.0000	548.0634
Unmitigated	0.1123	0.5829	1.2933	5.9300e-003	0.6390	3.9100e-003	0.6430	0.1714	3.6400e-003	0.1751	0.0000	547.6371	547.6371	0.0171	0.0000	548.0634

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior College (2Yr)	798.00	673.80	72.60	1,718,323	1,718,323
Total	798.00	673.80	72.60	1,718,323	1,718,323

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
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior College (2Yr)	0.585795	0.036515	0.193581	0.106455	0.012789	0.005274	0.019465	0.028415	0.002699	0.001789	0.005626	0.000921	0.000676

5.0 Energy Detail







2118 Milvia Street Project - GHG - Bay Area 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			
Junior College (2Yr)	538800	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior College (2Yr)	538800	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr																
Mitigated	0.2657	0.0000	5.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	0.0000	1.1400e-003
Unmitigated	0.2657	0.0000	5.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	0.0000	1.1400e-003

**6.2 Area by SubCategory**

**Unmitigated**

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
	tons/yr																
Architectural Coating	0.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	0.0000	1.1400e-003
<b>Total</b>	<b>0.2657</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0700e-003</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1400e-003</b>

2118 Milvia Street Project - GHG - Bay Area 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	0.0313					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	0.0000	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0700e-003	1.0700e-003	0.0000	0.0000	1.1400e-003
<b>Total</b>	<b>0.2657</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0700e-003</b>	<b>1.0700e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1400e-003</b>

**7.0 Water Detail**

---

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.7469	0.0767	1.8100e-003	3.2047
Unmitigated	0.9337	0.0959	2.2600e-003	4.0058

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	2.94294 / 0	0.9337	0.0959	2.2600e-003	4.0058
<b>Total</b>		<b>0.9337</b>	<b>0.0959</b>	<b>2.2600e-003</b>	<b>4.0058</b>

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

### 7.2 Water by Land Use

#### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior College (2Yr)	2.35435 / 0	0.7469	0.0767	1.8100e-003	3.2047
<b>Total</b>		<b>0.7469</b>	<b>0.0767</b>	<b>1.8100e-003</b>	<b>3.2047</b>

### 8.0 Waste Detail

---

#### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	15.8333	0.9357	0.0000	39.2263
Unmitigated	15.8333	0.9357	0.0000	39.2263

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	78	15.8333	0.9357	0.0000	39.2263
<b>Total</b>		<b>15.8333</b>	<b>0.9357</b>	<b>0.0000</b>	<b>39.2263</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior College (2Yr)	78	15.8333	0.9357	0.0000	39.2263
<b>Total</b>		<b>15.8333</b>	<b>0.9357</b>	<b>0.0000</b>	<b>39.2263</b>

**9.0 Operational Offroad**

---

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

2118 Milvia Street Project - GHG - Bay Area AQMD Air District, Annual

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	50	359	0.73	Diesel

**Boilers**

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

**User Defined Equipment**

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

**10.1 Stationary Sources**

**Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (300 - 600 HP)	0.0147	0.0412	0.0376	7.0000e-005		2.1700e-003	2.1700e-003		2.1700e-003	2.1700e-003	0.0000	6.8353	6.8353	9.6000e-004	0.0000	6.8593
<b>Total</b>	<b>0.0147</b>	<b>0.0412</b>	<b>0.0376</b>	<b>7.0000e-005</b>		<b>2.1700e-003</b>	<b>2.1700e-003</b>		<b>2.1700e-003</b>	<b>2.1700e-003</b>	<b>0.0000</b>	<b>6.8353</b>	<b>6.8353</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>6.8593</b>

**11.0 Vegetation**





Step 1: Enter Facility Data	
Plant Name	230 kW, 359 HP Diesel Generator
Plant No.	Berkeley City College

Step 4: Specify Source Type	
Does facility have only diesel backup generators?	yes
Is this analysis for a gas station?	no

Note: Default generic distance multiplier used if source is not a generator or gas station.

Step 2: Estimate Distance	
What is the distance (m) from the facility boundary to the MEI?	0

Step 5: Read Estimates	
Total Cancer Risk	1.673 per 1,000,000
Total Chronic Hazard	0.000
Total PM2.5 Concentration	0.002 µg/m <sup>3</sup>

Step 3:  
Enter Emissions Data

Chemical Name	CAS No.	Rate	Risk	Hazard	Concentration
	(dashes removed)	(lb/day)	(# / 1,000,000)	(index)	(µg/m <sup>3</sup> )
Fine Particulate Matter (PM2.5)		1.19E-03			0.00
1,1,1-Trichloroethane	71556	0.00E+00			
1,1,2,2-Tetrachloroethane	79345	0.00E+00			
1,1,2-Trichloroethane	79005	0.00E+00			
1,1-Dichloroethane	75343	0.00E+00			
1,1-Dichloroethylene	75354	0.00E+00			
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268879	0.00E+00			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001020	0.00E+00			
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822469	0.00E+00			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562394	0.00E+00			
1,2,3,4,7,8-Heptachlorodibenzofuran	55673897	0.00E+00			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227286	0.00E+00			
1,2,3,4,7,8-Hexachlorodibenzofuran	70648269	0.00E+00			
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653857	0.00E+00			
1,2,3,6,7,8-Hexachlorodibenzofuran	57117449	0.00E+00			
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408743	0.00E+00			
1,2,3,7,8,9-Hexachlorodibenzofuran	72918219	0.00E+00			
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321764	0.00E+00			
1,2,3,7,8-Pentachlorodibenzofuran	57117416	0.00E+00			
1,2-Dibromo-3-chloropropane	96128	0.00E+00			
1,2-Dibromoethane	106934	0.00E+00			
1,2-Dichloroethane	107062	0.00E+00			
1,2-Epoxybutane	106887	0.00E+00			
1,3-Butadiene	106990	0.00E+00			
1,3-Propane sultone	1120714	0.00E+00			
1,4-Dichlorobenzene	106467	0.00E+00			
1,4-Dioxane	123911	0.00E+00			
1,6-Dinitropyrene	42397648	0.00E+00			
1,8-Dinitropyrene	42397659	0.00E+00			
1-Nitropyrene	5522430	0.00E+00			
2',3,4,4',5'-PeCB	65510443	0.00E+00			
2,3',4,4',5,5'-HxCB	52663726	0.00E+00			
2,3',4,4',5'-PeCB	31508006	0.00E+00			
2,3,3',4,4',5'-HxCB	69782907	0.00E+00			
2,3,3',4,4',5'-HpCB	39635319	0.00E+00			
2,3,3',4,4',5'-HxCB	38380084	0.00E+00			
2,3,3',4,4',5'-PeCB	32598144	0.00E+00			
2,3,4,4',5'-PeCB	74472370	0.00E+00			
2,3,4,6,7,8-hexachlorodibenzofuran	60851345	0.00E+00			
2,3,4,7,8-Pentachlorodibenzofuran	57117314	0.00E+00			
2,3,7,8-Tetrachlorodibenzo-p-dioxin and related comp	1746016	0.00E+00			
2,3,7,8-Tetrachlorodibenzofuran	51207319	0.00E+00			
2,4,6-Trichlorophenol	88062	0.00E+00			
2,4-Diaminoanisole	615054	0.00E+00			
2,4-Diaminotoluene	95807	0.00E+00			
2,4-Dinitrotoluene	121142	0.00E+00			
2-Aminoanthraquinone	117793	0.00E+00			
2-Nitrofluorene	607578	0.00E+00			
3,3',4,4',5,5'-HxCB	32774166	0.00E+00			
3,3',4,4',5'-PeCB	57465288	0.00E+00			
3,3',4,4'-TCB	32598133	0.00E+00			
3,3-Dichlorobenzidine	91941	0.00E+00			
3,4,4'-TCB	70362504	0.00E+00			
3-Methylcholanthrene	56495	0.00E+00			
4,4-Methylene bis(2-chloroaniline)	101144	0.00E+00			
4,4-Methylenedianiline	101779	0.00E+00			
4-Chloro-ortho-phenylenediamine	95830	0.00E+00			
4-Dimethylaminoazobenzene	60117	0.00E+00			
4-Nitropyrene	57835924	0.00E+00			
5-Methylchrysene	3697243	0.00E+00			
5-Nitroacenaphthene	602879	0.00E+00			
6-Nitrochrysene	7496028	0.00E+00			
7,12-Dimethylbenz(a)anthracene	57976	0.00E+00			
7H-dibenzo(c,g)carbazole	194592	0.00E+00			
Acetaldehyde	75070	0.00E+00			
Acetamide	60355	0.00E+00			
Acrolein	107028	0.00E+00			
Acrylamide	79061	0.00E+00			
Acrylic Acid	79107	0.00E+00			
Acrylonitrile	107131	0.00E+00			
Allyl chloride	107051	0.00E+00			
Ammonia	7664417	0.00E+00			
Aniline	62533	0.00E+00			
Arsenic	7440382	0.00E+00			
Arsine	7784421	0.00E+00			
Asbestos [1/(100 PCM fibers/m <sup>3</sup> )]^-1	1332214	0.00E+00			
Benz(a)anthracene	56553	0.00E+00			
Benzene	71432	0.00E+00			
Benzidine	92875	0.00E+00			
Benzo(a)pyrene	50328	0.00E+00			
Benzo(b)fluoranthene	205992	0.00E+00			
Benzo(j)fluoranthene	205823	0.00E+00			
Benzo(k)fluoranthene	207089	0.00E+00			
Benzyl Chloride	100447	0.00E+00			
Beryllium	7440417	0.00E+00			
Bis(2-chloroethyl) Ether	111444	0.00E+00			
Bis(2-chloromethyl) Ether	542881	0.00E+00			
Cadmium	7440439	0.00E+00			
Caprolactam	105602	0.00E+00			
Carbon Disulfide	75150	0.00E+00			
Carbon Monoxide	630080	0.00E+00			
Carbon Tetrachloride	56235	0.00E+00			
Carbonyl Sulfide	463581	0.00E+00			
Chlorinated paraffins (Avg. chain length C12; approx. 6i	108171262	0.00E+00			
Chlorine	7782505	0.00E+00			
Chlorine Dioxide	10049044	0.00E+00			
Chlorite	7758192	0.00E+00			
Chlorobenzene	108907	0.00E+00			
Chlorodibromomethane	124481	0.00E+00			
Chloroethane (Ethyl Chloride)	75003	0.00E+00			
Chloroform	67663	0.00E+00			
Chloropicrin	76062	0.00E+00			
Chromic Trioxide	1333820	0.00E+00			
Chromium-hexavalent	18540299	0.00E+00			

Barium chromate2	10294403	0.00E+00
Calcium chromate2	13765190	0.00E+00
Lead chromate2	7758976	0.00E+00
Sodium dichromate2	10588019	0.00E+00
Strontium chromate2	7789062	0.00E+00
CHROMIC TRIOXIDE (as chromic acid mist)	1333820	0.00E+00
Chrysene	218019	0.00E+00
Copper	7440508	0.00E+00
Copper and Copper Compounds	7440508	0.00E+00
Cresol Mixtures	1319773	0.00E+00
Cupferron	135206	0.00E+00
Cyanide	57125	0.00E+00
Di(2-ethylhexyl)phthalate	117817	0.00E+00
Dibenz(a-h)acridine	226368	0.00E+00
Dibenz(a-h)anthracene	53703	0.00E+00
Dibenz(a-j)acridine	224420	0.00E+00
Dibenzo(a-e)pyrene	192654	0.00E+00
Dibenzo(a-h)pyrene	189640	0.00E+00
Dibenzo(a-i)pyrene	189559	0.00E+00
Dibenzo(a-l)pyrene	191300	0.00E+00
Diesel Exhaust Particulate	85105	1.19E-03
Diethanolamine	111422	0.00E+00
Dimethylformamide	68122	0.00E+00
Direct Black 38 (Technical Grade)	1937377	0.00E+00
Direct Blue 6 (Technical Grade)	2602462	0.00E+00
Direct Brown 95 (Technical Grade)	16071866	0.00E+00
Epichlorohydrin	106898	0.00E+00
Ethylbenzene	100414	0.00E+00
Ethylene Glycol	107211	0.00E+00
Ethylene Glycol Monobutyl Ether	111762	0.00E+00
Ethylene Glycol Monoethyl Ether	110805	0.00E+00
Ethylene Glycol Monoethyl Ether Acetate	111159	0.00E+00
Ethylene Glycol Monomethyl Ether	109864	0.00E+00
Ethylene Glycol Monomethyl Ether Acetate	110496	0.00E+00
Ethylene Oxide	75218	0.00E+00
Ethylene Thiourea	96457	0.00E+00
Fluorides	1101	0.00E+00
Formaldehyde (gas)	50000	0.00E+00
Glutaraldehyde	111308	0.00E+00
Hexachlorobenzene	118741	0.00E+00
Hexachlorocyclohexane (Technical Grade)	608731	0.00E+00
Hexachlorocyclohexane- Alpha Isomer	319846	0.00E+00
Hexachlorocyclohexane- Beta Isomer	319857	0.00E+00
Hexachlorocyclohexane- Gamma Isomer	58899	0.00E+00
Hydrazine	302012	0.00E+00
		0.00E+00
Hydrogen Chloride	7647010	0.00E+00
Hydrogen Cyanide	74908	0.00E+00
Hydrogen Fluoride	7664393	0.00E+00
Hydrogen Selenide	7783075	0.00E+00
Hydrogen Sulfide	7783064	0.00E+00
Indeno(1-2-3-c-d)pyrene	193395	0.00E+00
Isophorone	78591	0.00E+00
Isopropyl Alcohol	67630	0.00E+00
Lead Acetate	301042	0.00E+00
Lead and Lead Compounds	7439921	0.00E+00
Lead Phosphate	7446277	0.00E+00
Lead Subacetate	1335326	0.00E+00
m-CRESOL	108394	0.00E+00
m-XYLENE	108383	0.00E+00
Maleic Anhydride	108316	0.00E+00
Manganese & Manganese Compounds	7439965	0.00E+00
Mercury (Inorganic)	7439976	0.00E+00
Mercuric chloride	7487947	0.00E+00
Methanol	67561	0.00E+00
Methyl Bromide	74839	0.00E+00
Methyl Ethyl Ketone	78933	0.00E+00
Methyl Isocyanate	624839	0.00E+00
Methyl Tertiary Butyl Ether	1634044	0.00E+00
Methylene Chloride (Dichloromethane)	75092	0.00E+00
Methylene Diphenyl Isocyanate (MDI)	101688	0.00E+00
Michlers Ketone	90948	0.00E+00
n-Hexane	110543	0.00E+00
n-Nitroso-n-methylethylamine	10595956	0.00E+00
n-Nitrosodi-n-Butylamine	924163	0.00E+00
n-Nitrosodi-n-Propylamine	621647	0.00E+00
n-Nitrosodiethylamine	55185	0.00E+00
n-Nitrosodimethylamine	62759	0.00E+00
n-Nitrosodiphenylamine	86306	0.00E+00
n-Nitrosomorpholine	59892	0.00E+00
n-Nitrosopiperidine	100754	0.00E+00
n-Nitrosopyrrolidine	930552	0.00E+00
Naphthalene	91203	0.00E+00
Nickel and Nickel Compounds	7440020	0.00E+00
Nickel acetate	373024	0.00E+00
Nickel carbonate	3333673	0.00E+00
Nickel carbonyl	13463393	0.00E+00
Nickel hydroxide	12054487	0.00E+00
Nickelocene	1271289	0.00E+00
Nickel Oxide	1313991	0.00E+00
Nickel Refinery Dust	1146	0.00E+00
Nickel subsulfide	12035722	0.00E+00
Nitric Acid	7697372	0.00E+00
Nitrogen Dioxide	10102440	0.00E+00
o-CRESOL	95487	0.00E+00
o-XYLENE	95476	0.00E+00
Oleum	8014957	0.00E+00
Ozone	10028156	0.00E+00
p-Chloro-o-toluidine	95692	0.00E+00
p-Cresidine	120718	0.00E+00
p-CRESOL	106445	0.00E+00
p-Nitrosodiphenylamine	156105	0.00E+00
p-XYLENE	106423	0.00E+00
Pentachlorophenol	87865	0.00E+00
Perchloroethylene	127184	0.00E+00
Phenol	108952	0.00E+00
Phosgene	75445	0.00E+00
Phosphine	7803512	0.00E+00
Phosphoric Acid	7664382	0.00E+00
Phthalic Anhydride	85449	0.00E+00
Polychlorinated Biphenyls	1336363	0.00E+00
Potassium Bromate	7758012	0.00E+00
Propylene	115071	0.00E+00
Propylene Glycol Monomethyl Ether	107982	0.00E+00
Propylene oxide	75569	0.00E+00
Selenium	7782492	0.00E+00
Selenium sulfide	7446346	0.00E+00
Silica (crystalline, respirable)	7631869	0.00E+00
Sodium hydroxide	1310732	0.00E+00
Styrene	100425	0.00E+00
Sulfates	9960	0.00E+00
Sulfur Dioxide	7446095	0.00E+00
Sulfuric Acid	7664939	0.00E+00

1.67E+00 4.49E-04

Sulfur Trioxide	7446719	0.00E+00
Tertiary-butyl acetate	540885	0.00E+00
Tetrachloroethylene	127184	0.00E+00
Thioacetamide	62555	0.00E+00
Toluene	108883	0.00E+00
Toluene Diisocyanates	26471625	0.00E+00
Toluene Diisocyanates (2,4 and 2, 6)	584849	0.00E+00
Toluene Diisocyanates (2,4 and 2, 6)	91087	0.00E+00
Trichloroethylene	79016	0.00E+00
Triethylamine	121448	0.00E+00
Urethane	51796	0.00E+00
Vanadium pentoxide	1314621	0.00E+00
Vinyl acetate	108054	0.00E+00
Vinyl chloride	75014	0.00E+00
Xylenes (technical mixture of m, o, p-isomers)	1330207	0.00E+00
Vanadium	7440522	0.00E+00

**TOTAL UNADJUSTED Risk Values 1.673 0.000 0.002**

## N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 20-10138, 2118 Milvia Street Berkeley City College Project
--

Vehicle Population Breakdown*		VMT per Vehicle Type	
5460005	Gasoline vehicles	1718323	Project VMT (CalEEMod output)
271191	Diesel vehicles	1637015	Gasoline vehicle VMT
95.3%	Gasoline vehicle %	81308	Diesel vehicle VMT
4.7%	Diesel vehicle %		

Gasoline Vehicles	
95.3%	Gasoline vehicle %
0.5829	Tons per year mobile NOX emissions (annual output in CalEEMod)
0.56	Gasoline vehicle tons per year NOX emissions
0.0406	Tons per year N2O emissions for gasoline vehicles**
0.0368	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
22.99	Diesel average miles per gallon*
0.06961	grams per mile N2O for diesel vehicles
5659.8	grams per year N2O for diesel vehicles
0.0056598	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.0425	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
<b>12.7</b>	<b>CO2e emissions per year from N2O emissions from gasoline + diesel vehicles</b>

Sources
<p><b>*Vehicle population source:</b>                      EMFAC2017 (v1.0.3) Emissions Inventory                      Region Type: Air District                      Region: Bay Area AQMD                      Calendar Year: 2030                      Season: Annual                      Vehicle Classification: EMFAC2011 Categories</p> <p><b>**Methodology source:</b>                      EMFAC2017 Volume III - Technical Documentation  <a href="https://www.arb.ca.gov/msei/emfac2011-faq.htm">https://www.arb.ca.gov/msei/emfac2011-faq.htm</a></p> <p><b>***GWP source:</b>                      Intergovernmental Panel on Climate Change (IPCC). 2007.                      AR4 Climate Change 2007: The Physical Science Basis.                      Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.</p>