

Point Eden Industrial Development - Bay Area AQMD Air District, Annual

**Point Eden Industrial Development  
Bay Area AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2.79	1000sqft	0.06	2,785.00	0
Unrefrigerated Warehouse-No Rail	110.23	1000sqft	2.53	110,231.00	0
Parking Lot	288.00	Space	2.59	115,200.00	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>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	457.68	<b>CH4 Intensity (lb/MWhr)</b>	0.021	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics - Assume start of construction in February 2021 and operation in 2022. Entered PGE RPS

Land Use -

Construction Phase - Architectural coating updated to be half way through building construction for standard practices

Demolition - building sf measured from google earth

Architectural Coating - Per BAAQMD Rules

Area Coating - Per BAAQMD rules

Energy Use -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Parking	150.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	100
tblAreaCoating	Area_EF_Parking	150	100
tblConstructionPhase	NumDays	20.00	115.00
tblConstructionPhase	PhaseStartDate	3/26/2022	11/15/2021
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.021
tblProjectCharacteristics	CO2IntensityFactor	641.35	457.68
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

## 2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-1-2021	4-30-2021	1.0020	1.0020
2	5-1-2021	7-31-2021	0.7807	0.7807
3	8-1-2021	10-31-2021	0.7818	0.7818
4	11-1-2021	1-31-2022	1.0705	1.0705
5	2-1-2022	4-30-2022	0.6403	0.6403
		Highest	1.0705	1.0705

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	0.5032	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003
Energy	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	113.3655	113.3655	4.9100e-003	1.1000e-003	113.8150
Mobile	0.0562	0.2867	0.6813	2.5300e-003	0.2220	2.2700e-003	0.2243	0.0596	2.1300e-003	0.0617	0.0000	232.3655	232.3655	8.2000e-003	0.0000	232.5705
Waste						0.0000	0.0000		0.0000	0.0000	21.5597	0.0000	21.5597	1.2741	0.0000	53.4132
Water						0.0000	0.0000		0.0000	0.0000	8.2443	29.4122	37.6565	0.8481	0.0203	64.8944
<b>Total</b>	<b>0.5604</b>	<b>0.2969</b>	<b>0.6936</b>	<b>2.5900e-003</b>	<b>0.2220</b>	<b>3.0500e-003</b>	<b>0.2250</b>	<b>0.0596</b>	<b>2.9100e-003</b>	<b>0.0625</b>	<b>29.8040</b>	<b>375.1503</b>	<b>404.9543</b>	<b>2.1354</b>	<b>0.0214</b>	<b>464.7007</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5032	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003
Energy	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	113.3655	113.3655	4.9100e-003	1.1000e-003	113.8150
Mobile	0.0562	0.2867	0.6813	2.5300e-003	0.2220	2.2700e-003	0.2243	0.0596	2.1300e-003	0.0617	0.0000	232.3655	232.3655	8.2000e-003	0.0000	232.5705
Waste						0.0000	0.0000		0.0000	0.0000	21.5597	0.0000	21.5597	1.2741	0.0000	53.4132
Water						0.0000	0.0000		0.0000	0.0000	8.2443	29.4122	37.6565	0.8481	0.0203	64.8944
<b>Total</b>	<b>0.5604</b>	<b>0.2969</b>	<b>0.6936</b>	<b>2.5900e-003</b>	<b>0.2220</b>	<b>3.0500e-003</b>	<b>0.2250</b>	<b>0.0596</b>	<b>2.9100e-003</b>	<b>0.0625</b>	<b>29.8040</b>	<b>375.1503</b>	<b>404.9543</b>	<b>2.1354</b>	<b>0.0214</b>	<b>464.7007</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**

## Point Eden Industrial Development - 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	2/1/2021	2/26/2021	5	20	
2	Site Preparation	Site Preparation	2/27/2021	3/12/2021	5	10	
3	Grading	Grading	3/13/2021	4/9/2021	5	20	
4	Building Construction	Building Construction	4/10/2021	2/25/2022	5	230	
5	Paving	Paving	2/26/2022	3/25/2022	5	20	
6	Architectural Coating	Architectural Coating	11/15/2021	4/22/2022	5	115	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 2.59**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 169,524; Non-Residential Outdoor: 56,508; Striped Parking Area: 6,912 (Architectural Coating – sqft)**

**OffRoad Equipment**

## Point Eden Industrial Development - Bay Area AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	63.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	37.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.7900e-003	0.0000	6.7900e-003	1.0300e-003	0.0000	1.0300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
<b>Total</b>	<b>0.0317</b>	<b>0.3144</b>	<b>0.2157</b>	<b>3.9000e-004</b>	<b>6.7900e-003</b>	<b>0.0155</b>	<b>0.0223</b>	<b>1.0300e-003</b>	<b>0.0144</b>	<b>0.0154</b>	<b>0.0000</b>	<b>34.0008</b>	<b>34.0008</b>	<b>9.5700e-003</b>	<b>0.0000</b>	<b>34.2400</b>



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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-004	8.5000e-003	1.8100e-003	2.0000e-005	5.3000e-004	3.0000e-005	5.6000e-004	1.5000e-004	3.0000e-005	1.7000e-004	0.0000	2.3831	2.3831	1.2000e-004	0.0000	2.3862
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	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>7.1000e-004</b>	<b>8.8200e-003</b>	<b>5.1700e-003</b>	<b>3.0000e-005</b>	<b>1.7200e-003</b>	<b>4.0000e-005</b>	<b>1.7500e-003</b>	<b>4.7000e-004</b>	<b>4.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>3.3851</b>	<b>3.3851</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3887</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					6.7900e-003	0.0000	6.7900e-003	1.0300e-003	0.0000	1.0300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
<b>Total</b>	<b>0.0317</b>	<b>0.3144</b>	<b>0.2157</b>	<b>3.9000e-004</b>	<b>6.7900e-003</b>	<b>0.0155</b>	<b>0.0223</b>	<b>1.0300e-003</b>	<b>0.0144</b>	<b>0.0154</b>	<b>0.0000</b>	<b>34.0007</b>	<b>34.0007</b>	<b>9.5700e-003</b>	<b>0.0000</b>	<b>34.2400</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-004	8.5000e-003	1.8100e-003	2.0000e-005	5.3000e-004	3.0000e-005	5.6000e-004	1.5000e-004	3.0000e-005	1.7000e-004	0.0000	2.3831	2.3831	1.2000e-004	0.0000	2.3862
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	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>7.1000e-004</b>	<b>8.8200e-003</b>	<b>5.1700e-003</b>	<b>3.0000e-005</b>	<b>1.7200e-003</b>	<b>4.0000e-005</b>	<b>1.7500e-003</b>	<b>4.7000e-004</b>	<b>4.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>3.3851</b>	<b>3.3851</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3887</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0903</b>	<b>0.0102</b>	<b>0.1006</b>	<b>0.0497</b>	<b>9.4000e-003</b>	<b>0.0591</b>	<b>0.0000</b>	<b>16.7179</b>	<b>16.7179</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.0200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6012	0.6012	1.0000e-005	0.0000	0.6015
<b>Total</b>	<b>2.8000e-004</b>	<b>1.9000e-004</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6012</b>	<b>0.6012</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6015</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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0903</b>	<b>0.0102</b>	<b>0.1006</b>	<b>0.0497</b>	<b>9.4000e-003</b>	<b>0.0591</b>	<b>0.0000</b>	<b>16.7178</b>	<b>16.7178</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.0200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6012	0.6012	1.0000e-005	0.0000	0.6015
<b>Total</b>	<b>2.8000e-004</b>	<b>1.9000e-004</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6012</b>	<b>0.6012</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6015</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2644
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0655</b>	<b>0.0116</b>	<b>0.0771</b>	<b>0.0337</b>	<b>0.0107</b>	<b>0.0443</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2644</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>4.6000e-004</b>	<b>3.2000e-004</b>	<b>3.3600e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0020</b>	<b>1.0020</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.0026</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					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2643
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0655</b>	<b>0.0116</b>	<b>0.0771</b>	<b>0.0337</b>	<b>0.0107</b>	<b>0.0443</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2643</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>4.6000e-004</b>	<b>3.2000e-004</b>	<b>3.3600e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0020</b>	<b>1.0020</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.0026</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1806	1.6561	1.5746	2.5600e-003		0.0911	0.0911		0.0856	0.0856	0.0000	220.0554	220.0554	0.0531	0.0000	221.3827
<b>Total</b>	<b>0.1806</b>	<b>1.6561</b>	<b>1.5746</b>	<b>2.5600e-003</b>		<b>0.0911</b>	<b>0.0911</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>220.0554</b>	<b>220.0554</b>	<b>0.0531</b>	<b>0.0000</b>	<b>221.3827</b>

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**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3671	0.0916	9.5000e-004	0.0231	8.0000e-004	0.0239	6.6700e-003	7.6000e-004	7.4300e-003	0.0000	91.1594	91.1594	4.4800e-003	0.0000	91.2714
Worker	0.0280	0.0193	0.2046	6.7000e-004	0.0721	4.7000e-004	0.0725	0.0192	4.3000e-004	0.0196	0.0000	60.9207	60.9207	1.3700e-003	0.0000	60.9548
<b>Total</b>	<b>0.0392</b>	<b>0.3865</b>	<b>0.2962</b>	<b>1.6200e-003</b>	<b>0.0951</b>	<b>1.2700e-003</b>	<b>0.0964</b>	<b>0.0258</b>	<b>1.1900e-003</b>	<b>0.0270</b>	<b>0.0000</b>	<b>152.0801</b>	<b>152.0801</b>	<b>5.8500e-003</b>	<b>0.0000</b>	<b>152.2263</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	0.1806	1.6561	1.5746	2.5600e-003		0.0911	0.0911		0.0856	0.0856	0.0000	220.0552	220.0552	0.0531	0.0000	221.3824
<b>Total</b>	<b>0.1806</b>	<b>1.6561</b>	<b>1.5746</b>	<b>2.5600e-003</b>		<b>0.0911</b>	<b>0.0911</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>220.0552</b>	<b>220.0552</b>	<b>0.0531</b>	<b>0.0000</b>	<b>221.3824</b>

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**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3671	0.0916	9.5000e-004	0.0231	8.0000e-004	0.0239	6.6700e-003	7.6000e-004	7.4300e-003	0.0000	91.1594	91.1594	4.4800e-003	0.0000	91.2714
Worker	0.0280	0.0193	0.2046	6.7000e-004	0.0721	4.7000e-004	0.0725	0.0192	4.3000e-004	0.0196	0.0000	60.9207	60.9207	1.3700e-003	0.0000	60.9548
<b>Total</b>	<b>0.0392</b>	<b>0.3865</b>	<b>0.2962</b>	<b>1.6200e-003</b>	<b>0.0951</b>	<b>1.2700e-003</b>	<b>0.0964</b>	<b>0.0258</b>	<b>1.1900e-003</b>	<b>0.0270</b>	<b>0.0000</b>	<b>152.0801</b>	<b>152.0801</b>	<b>5.8500e-003</b>	<b>0.0000</b>	<b>152.2263</b>

**3.5 Building Construction - 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					
Off-Road	0.0341	0.3123	0.3273	5.4000e-004		0.0162	0.0162		0.0152	0.0152	0.0000	46.3451	46.3451	0.0111	0.0000	46.6226
<b>Total</b>	<b>0.0341</b>	<b>0.3123</b>	<b>0.3273</b>	<b>5.4000e-004</b>		<b>0.0162</b>	<b>0.0162</b>		<b>0.0152</b>	<b>0.0152</b>	<b>0.0000</b>	<b>46.3451</b>	<b>46.3451</b>	<b>0.0111</b>	<b>0.0000</b>	<b>46.6226</b>



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**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1900e-003	0.0732	0.0181	2.0000e-004	4.8500e-003	1.5000e-004	5.0000e-003	1.4000e-003	1.4000e-004	1.5400e-003	0.0000	19.0033	19.0033	9.0000e-004	0.0000	19.0258
Worker	5.4900e-003	3.6500e-003	0.0396	1.4000e-004	0.0152	1.0000e-004	0.0153	4.0400e-003	9.0000e-005	4.1300e-003	0.0000	12.3552	12.3552	2.6000e-004	0.0000	12.3617
<b>Total</b>	<b>7.6800e-003</b>	<b>0.0769</b>	<b>0.0577</b>	<b>3.4000e-004</b>	<b>0.0200</b>	<b>2.5000e-004</b>	<b>0.0203</b>	<b>5.4400e-003</b>	<b>2.3000e-004</b>	<b>5.6700e-003</b>	<b>0.0000</b>	<b>31.3585</b>	<b>31.3585</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>31.3875</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	0.0341	0.3123	0.3273	5.4000e-004		0.0162	0.0162		0.0152	0.0152	0.0000	46.3450	46.3450	0.0111	0.0000	46.6226
<b>Total</b>	<b>0.0341</b>	<b>0.3123</b>	<b>0.3273</b>	<b>5.4000e-004</b>		<b>0.0162</b>	<b>0.0162</b>		<b>0.0152</b>	<b>0.0152</b>	<b>0.0000</b>	<b>46.3450</b>	<b>46.3450</b>	<b>0.0111</b>	<b>0.0000</b>	<b>46.6226</b>

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**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1900e-003	0.0732	0.0181	2.0000e-004	4.8500e-003	1.5000e-004	5.0000e-003	1.4000e-003	1.4000e-004	1.5400e-003	0.0000	19.0033	19.0033	9.0000e-004	0.0000	19.0258
Worker	5.4900e-003	3.6500e-003	0.0396	1.4000e-004	0.0152	1.0000e-004	0.0153	4.0400e-003	9.0000e-005	4.1300e-003	0.0000	12.3552	12.3552	2.6000e-004	0.0000	12.3617
<b>Total</b>	<b>7.6800e-003</b>	<b>0.0769</b>	<b>0.0577</b>	<b>3.4000e-004</b>	<b>0.0200</b>	<b>2.5000e-004</b>	<b>0.0203</b>	<b>5.4400e-003</b>	<b>2.3000e-004</b>	<b>5.6700e-003</b>	<b>0.0000</b>	<b>31.3585</b>	<b>31.3585</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>31.3875</b>

**3.6 Paving - 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					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	3.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0144</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0276</b>	<b>20.0276</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

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**3.6 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.8000e-004	3.0900e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9653	0.9653	2.0000e-005	0.0000	0.9658
<b>Total</b>	<b>4.3000e-004</b>	<b>2.8000e-004</b>	<b>3.0900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>0.9653</b>	<b>0.9653</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9658</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	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	3.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0144</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0275</b>	<b>20.0275</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

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**3.6 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.8000e-004	3.0900e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9653	0.9653	2.0000e-005	0.0000	0.9658
<b>Total</b>	<b>4.3000e-004</b>	<b>2.8000e-004</b>	<b>3.0900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>0.9653</b>	<b>0.9653</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9658</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0267	0.0318	5.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	4.4682	4.4682	3.1000e-004	0.0000	4.4759
<b>Total</b>	<b>0.1681</b>	<b>0.0267</b>	<b>0.0318</b>	<b>5.0000e-005</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>	<b>0.0000</b>	<b>4.4682</b>	<b>4.4682</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>4.4759</b>

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**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.0000e-004	7.4600e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.2211	2.2211	5.0000e-005	0.0000	2.2223
<b>Total</b>	<b>1.0200e-003</b>	<b>7.0000e-004</b>	<b>7.4600e-003</b>	<b>2.0000e-005</b>	<b>2.6300e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2211</b>	<b>2.2211</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.2223</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	0.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0267	0.0318	5.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	4.4682	4.4682	3.1000e-004	0.0000	4.4759
<b>Total</b>	<b>0.1681</b>	<b>0.0267</b>	<b>0.0318</b>	<b>5.0000e-005</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>	<b>0.0000</b>	<b>4.4682</b>	<b>4.4682</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>4.4759</b>

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**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.0000e-004	7.4600e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.2211	2.2211	5.0000e-005	0.0000	2.2223
<b>Total</b>	<b>1.0200e-003</b>	<b>7.0000e-004</b>	<b>7.4600e-003</b>	<b>2.0000e-005</b>	<b>2.6300e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2211</b>	<b>2.2211</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.2223</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1800e-003	0.0563	0.0725	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	10.2130	10.2130	6.6000e-004	0.0000	10.2296
<b>Total</b>	<b>0.3837</b>	<b>0.0563</b>	<b>0.0725</b>	<b>1.2000e-004</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>10.2296</b>

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**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	1.4400e-003	0.0157	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	4.0000e-005	1.6300e-003	0.0000	4.8906	4.8906	1.0000e-004	0.0000	4.8932
<b>Total</b>	<b>2.1700e-003</b>	<b>1.4400e-003</b>	<b>0.0157</b>	<b>5.0000e-005</b>	<b>6.0100e-003</b>	<b>4.0000e-005</b>	<b>6.0400e-003</b>	<b>1.6000e-003</b>	<b>4.0000e-005</b>	<b>1.6300e-003</b>	<b>0.0000</b>	<b>4.8906</b>	<b>4.8906</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>4.8932</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	0.3756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1800e-003	0.0563	0.0725	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	10.2130	10.2130	6.6000e-004	0.0000	10.2296
<b>Total</b>	<b>0.3837</b>	<b>0.0563</b>	<b>0.0725</b>	<b>1.2000e-004</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>10.2296</b>

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**3.7 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	1.4400e-003	0.0157	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	4.0000e-005	1.6300e-003	0.0000	4.8906	4.8906	1.0000e-004	0.0000	4.8932
<b>Total</b>	<b>2.1700e-003</b>	<b>1.4400e-003</b>	<b>0.0157</b>	<b>5.0000e-005</b>	<b>6.0100e-003</b>	<b>4.0000e-005</b>	<b>6.0400e-003</b>	<b>1.6000e-003</b>	<b>4.0000e-005</b>	<b>1.6300e-003</b>	<b>0.0000</b>	<b>4.8906</b>	<b>4.8906</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>4.8932</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**



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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0562	0.2867	0.6813	2.5300e-003	0.2220	2.2700e-003	0.2243	0.0596	2.1300e-003	0.0617	0.0000	232.3655	232.3655	8.2000e-003	0.0000	232.5705
Unmitigated	0.0562	0.2867	0.6813	2.5300e-003	0.2220	2.2700e-003	0.2243	0.0596	2.1300e-003	0.0617	0.0000	232.3655	232.3655	8.2000e-003	0.0000	232.5705

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	30.72	6.85	2.92	55,773	55,773
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	185.19	185.19	185.19	540,659	540,659
Total	215.91	192.04	188.11	596,431	596,431

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Unrefrigerated Warehouse-No Rail	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.3162	102.3162	4.6900e-003	8.9000e-004	102.7001
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.3162	102.3162	4.6900e-003	8.9000e-004	102.7001
NaturalGas Mitigated	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0493	11.0493	2.1000e-004	2.0000e-004	11.1149
NaturalGas Unmitigated	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0493	11.0493	2.1000e-004	2.0000e-004	11.1149

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	53834.1	2.9000e-004	2.6400e-003	2.2200e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8728	2.8728	6.0000e-005	5.0000e-005	2.8899
Parking Lot	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
Unrefrigerated Warehouse-No Rail	153221	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1765	8.1765	1.6000e-004	1.5000e-004	8.2251
<b>Total</b>		<b>1.1200e-003</b>	<b>0.0102</b>	<b>8.5300e-003</b>	<b>7.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>11.0493</b>	<b>11.0493</b>	<b>2.2000e-004</b>	<b>2.0000e-004</b>	<b>11.1149</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	53834.1	2.9000e-004	2.6400e-003	2.2200e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8728	2.8728	6.0000e-005	5.0000e-005	2.8899
Parking Lot	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
Unrefrigerated Warehouse-No Rail	153221	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1765	8.1765	1.6000e-004	1.5000e-004	8.2251
<b>Total</b>		<b>1.1200e-003</b>	<b>0.0102</b>	<b>8.5300e-003</b>	<b>7.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>11.0493</b>	<b>11.0493</b>	<b>2.2000e-004</b>	<b>2.0000e-004</b>	<b>11.1149</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	34756.8	7.2155	3.3000e-004	6.0000e-005	7.2426
Parking Lot	40320	8.3704	3.8000e-004	7.0000e-005	8.4018
Unrefrigerated Warehouse-No Rail	417775	86.7303	3.9800e-003	7.6000e-004	87.0556
<b>Total</b>		<b>102.3162</b>	<b>4.6900e-003</b>	<b>8.9000e-004</b>	<b>102.7001</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	34756.8	7.2155	3.3000e-004	6.0000e-005	7.2426
Parking Lot	40320	8.3704	3.8000e-004	7.0000e-005	8.4018
Unrefrigerated Warehouse-No Rail	417775	86.7303	3.9800e-003	7.6000e-004	87.0556
<b>Total</b>		<b>102.3162</b>	<b>4.6900e-003</b>	<b>8.9000e-004</b>	<b>102.7001</b>

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**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	0.5032	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003
Unmitigated	0.5032	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003

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**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	0.0540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003
<b>Total</b>	<b>0.5032</b>	<b>3.0000e-005</b>	<b>3.6900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>7.1700e-003</b>	<b>7.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.6400e-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	0.0540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6400e-003
<b>Total</b>	<b>0.5032</b>	<b>3.0000e-005</b>	<b>3.6900e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>7.1700e-003</b>	<b>7.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.6400e-003</b>

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**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.6565	0.8481	0.0203	64.8944
Unmitigated	37.6565	0.8481	0.0203	64.8944

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**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.495877 / 0.303925	0.9352	0.0162	3.9000e-004	1.4558
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.4907 / 0	36.7213	0.8319	0.0199	63.4387
<b>Total</b>		<b>37.6565</b>	<b>0.8481</b>	<b>0.0203</b>	<b>64.8944</b>

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.495877 / 0.303925	0.9352	0.0162	3.9000e-004	1.4558
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.4907 / 0	36.7213	0.8319	0.0199	63.4387
<b>Total</b>		<b>37.6565</b>	<b>0.8481</b>	<b>0.0203</b>	<b>64.8944</b>



Point Eden Industrial Development - Bay Area AQMD Air District, Annual

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.5597	1.2741	0.0000	53.4132
Unmitigated	21.5597	1.2741	0.0000	53.4132

Point Eden Industrial Development - 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			
General Office Building	2.59	0.5258	0.0311	0.0000	1.3025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	103.62	21.0339	1.2431	0.0000	52.1107
<b>Total</b>		<b>21.5597</b>	<b>1.2741</b>	<b>0.0000</b>	<b>53.4132</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	2.59	0.5258	0.0311	0.0000	1.3025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	103.62	21.0339	1.2431	0.0000	52.1107
<b>Total</b>		<b>21.5597</b>	<b>1.2741</b>	<b>0.0000</b>	<b>53.4132</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Annual

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**Point Eden Industrial Development  
Bay Area AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2.79	1000sqft	0.06	2,785.00	0
Unrefrigerated Warehouse-No Rail	110.23	1000sqft	2.53	110,231.00	0
Parking Lot	288.00	Space	2.59	115,200.00	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>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	457.68	<b>CH4 Intensity (lb/MWhr)</b>	0.021	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics - Assume start of construction in February 2021 and operation in 2022. Entered PGE RPS

Land Use -

Construction Phase - Architectural coating updated to be half way through building construction for standard practices

Demolition - building sf measured from google earth

Architectural Coating - Per BAAQMD Rules

Area Coating - Per BAAQMD rules

Energy Use -

## Point Eden Industrial Development - Bay Area AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Parking	150.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	100
tblAreaCoating	Area_EF_Parking	150	100
tblConstructionPhase	NumDays	20.00	115.00
tblConstructionPhase	PhaseStartDate	3/26/2022	11/15/2021
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.021
tblProjectCharacteristics	CO2IntensityFactor	641.35	457.68
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

## 2.0 Emissions Summary

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Point Eden Industrial Development - 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	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Energy	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
Mobile	0.3622	1.5723	4.0599	0.0152	1.3046	0.0129	1.3175	0.3490	0.0120	0.3611		1,534.0176	1,534.0176	0.0518		1,535.3115
<b>Total</b>	<b>3.1273</b>	<b>1.6283</b>	<b>4.1476</b>	<b>0.0155</b>	<b>1.3046</b>	<b>0.0172</b>	<b>1.3218</b>	<b>0.3490</b>	<b>0.0164</b>	<b>0.3655</b>		<b>1,600.8435</b>	<b>1,600.8435</b>	<b>0.0533</b>	<b>1.2200e-003</b>	<b>1,602.5398</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Energy	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
Mobile	0.3622	1.5723	4.0599	0.0152	1.3046	0.0129	1.3175	0.3490	0.0120	0.3611		1,534.0176	1,534.0176	0.0518		1,535.3115
<b>Total</b>	<b>3.1273</b>	<b>1.6283</b>	<b>4.1476</b>	<b>0.0155</b>	<b>1.3046</b>	<b>0.0172</b>	<b>1.3218</b>	<b>0.3490</b>	<b>0.0164</b>	<b>0.3655</b>		<b>1,600.8435</b>	<b>1,600.8435</b>	<b>0.0533</b>	<b>1.2200e-003</b>	<b>1,602.5398</b>

Point Eden Industrial Development - 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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	2/26/2021	5	20	
2	Site Preparation	Site Preparation	2/27/2021	3/12/2021	5	10	
3	Grading	Grading	3/13/2021	4/9/2021	5	20	
4	Building Construction	Building Construction	4/10/2021	2/25/2022	5	230	
5	Paving	Paving	2/26/2022	3/25/2022	5	20	
6	Architectural Coating	Architectural Coating	11/15/2021	4/22/2022	5	115	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 2.59

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 169,524; Non-Residential Outdoor: 56,508; Striped Parking Area: 6,912 (Architectural Coating – sqft)

#### OffRoad Equipment



## Point Eden Industrial Development - Bay Area AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Point Eden Industrial Development - 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	6	15.00	0.00	63.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	37.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6792	0.0000	0.6792	0.1028	0.0000	0.1028			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.6792</b>	<b>1.5513</b>	<b>2.2305</b>	<b>0.1028</b>	<b>1.4411</b>	<b>1.5439</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0245	0.8335	0.1757	2.4700e-003	0.0550	2.6100e-003	0.0577	0.0151	2.5000e-003	0.0176		264.5716	264.5716	0.0131		264.8998
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	0.0482	0.0282	0.3685	1.1900e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.7939	118.7939	2.6600e-003		118.8603
<b>Total</b>	<b>0.0728</b>	<b>0.8617</b>	<b>0.5442</b>	<b>3.6600e-003</b>	<b>0.1783</b>	<b>3.3900e-003</b>	<b>0.1817</b>	<b>0.0478</b>	<b>3.2100e-003</b>	<b>0.0510</b>		<b>383.3655</b>	<b>383.3655</b>	<b>0.0158</b>		<b>383.7601</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					0.6792	0.0000	0.6792	0.1028	0.0000	0.1028			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.6792</b>	<b>1.5513</b>	<b>2.2305</b>	<b>0.1028</b>	<b>1.4411</b>	<b>1.5439</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0245	0.8335	0.1757	2.4700e-003	0.0550	2.6100e-003	0.0577	0.0151	2.5000e-003	0.0176		264.5716	264.5716	0.0131		264.8998
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	0.0482	0.0282	0.3685	1.1900e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.7939	118.7939	2.6600e-003		118.8603
<b>Total</b>	<b>0.0728</b>	<b>0.8617</b>	<b>0.5442</b>	<b>3.6600e-003</b>	<b>0.1783</b>	<b>3.3900e-003</b>	<b>0.1817</b>	<b>0.0478</b>	<b>3.2100e-003</b>	<b>0.0510</b>		<b>383.3655</b>	<b>383.3655</b>	<b>0.0158</b>		<b>383.7601</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
<b>Total</b>	<b>0.0579</b>	<b>0.0338</b>	<b>0.4421</b>	<b>1.4300e-003</b>	<b>0.1479</b>	<b>9.3000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.6000e-004</b>	<b>0.0401</b>		<b>142.5527</b>	<b>142.5527</b>	<b>3.1900e-003</b>		<b>142.6324</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0579	0.0338	0.4421	1.4300e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		142.5527	142.5527	3.1900e-003		142.6324
<b>Total</b>	<b>0.0579</b>	<b>0.0338</b>	<b>0.4421</b>	<b>1.4300e-003</b>	<b>0.1479</b>	<b>9.3000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.6000e-004</b>	<b>0.0401</b>		<b>142.5527</b>	<b>142.5527</b>	<b>3.1900e-003</b>		<b>142.6324</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>		<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0482	0.0282	0.3685	1.1900e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.7939	118.7939	2.6600e-003		118.8603
<b>Total</b>	<b>0.0482</b>	<b>0.0282</b>	<b>0.3685</b>	<b>1.1900e-003</b>	<b>0.1232</b>	<b>7.8000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>118.7939</b>	<b>118.7939</b>	<b>2.6600e-003</b>		<b>118.8603</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>	<b>0.0000</b>	<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0482	0.0282	0.3685	1.1900e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		118.7939	118.7939	2.6600e-003		118.8603
<b>Total</b>	<b>0.0482</b>	<b>0.0282</b>	<b>0.3685</b>	<b>1.1900e-003</b>	<b>0.1232</b>	<b>7.8000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>118.7939</b>	<b>118.7939</b>	<b>2.6600e-003</b>		<b>118.8603</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>



Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1148	3.8236	0.9016	0.0101	0.2505	8.2800e-003	0.2587	0.0721	7.9200e-003	0.0800		1,069.1466	1,069.1466	0.0502		1,070.4011
Worker	0.3087	0.1804	2.3581	7.6300e-003	0.7886	4.9600e-003	0.7936	0.2092	4.5700e-003	0.2138		760.2811	760.2811	0.0170		760.7060
<b>Total</b>	<b>0.4234</b>	<b>4.0040</b>	<b>3.2597</b>	<b>0.0177</b>	<b>1.0391</b>	<b>0.0132</b>	<b>1.0523</b>	<b>0.2813</b>	<b>0.0125</b>	<b>0.2938</b>		<b>1,829.4278</b>	<b>1,829.4278</b>	<b>0.0672</b>		<b>1,831.1071</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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1148	3.8236	0.9016	0.0101	0.2505	8.2800e-003	0.2587	0.0721	7.9200e-003	0.0800		1,069.1466	1,069.1466	0.0502		1,070.4011
Worker	0.3087	0.1804	2.3581	7.6300e-003	0.7886	4.9600e-003	0.7936	0.2092	4.5700e-003	0.2138		760.2811	760.2811	0.0170		760.7060
<b>Total</b>	<b>0.4234</b>	<b>4.0040</b>	<b>3.2597</b>	<b>0.0177</b>	<b>1.0391</b>	<b>0.0132</b>	<b>1.0523</b>	<b>0.2813</b>	<b>0.0125</b>	<b>0.2938</b>		<b>1,829.4278</b>	<b>1,829.4278</b>	<b>0.0672</b>		<b>1,831.1071</b>

**3.5 Building Construction - 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					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 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	0.0000	0.0000	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	0.1070	3.6238	0.8480	9.9900e-003	0.2505	7.1800e-003	0.2577	0.0721	6.8700e-003	0.0790		1,058.7347	1,058.7347	0.0480		1,059.9341
Worker	0.2873	0.1618	2.1728	7.3400e-003	0.7886	4.8500e-003	0.7935	0.2092	4.4600e-003	0.2136		732.3796	732.3796	0.0153		732.7611
<b>Total</b>	<b>0.3943</b>	<b>3.7856</b>	<b>3.0208</b>	<b>0.0173</b>	<b>1.0391</b>	<b>0.0120</b>	<b>1.0511</b>	<b>0.2813</b>	<b>0.0113</b>	<b>0.2926</b>		<b>1,791.1142</b>	<b>1,791.1142</b>	<b>0.0632</b>		<b>1,792.6952</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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.5 Building Construction - 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	0.0000	0.0000	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	0.1070	3.6238	0.8480	9.9900e-003	0.2505	7.1800e-003	0.2577	0.0721	6.8700e-003	0.0790		1,058.7347	1,058.7347	0.0480		1,059.9341
Worker	0.2873	0.1618	2.1728	7.3400e-003	0.7886	4.8500e-003	0.7935	0.2092	4.4600e-003	0.2136		732.3796	732.3796	0.0153		732.7611
<b>Total</b>	<b>0.3943</b>	<b>3.7856</b>	<b>3.0208</b>	<b>0.0173</b>	<b>1.0391</b>	<b>0.0120</b>	<b>1.0511</b>	<b>0.2813</b>	<b>0.0113</b>	<b>0.2926</b>		<b>1,791.1142</b>	<b>1,791.1142</b>	<b>0.0632</b>		<b>1,792.6952</b>

**3.6 Paving - 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					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4421</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.6 Paving - 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	0.0000	0.0000	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	0.0449	0.0253	0.3395	1.1500e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		114.4343	114.4343	2.3800e-003		114.4939
<b>Total</b>	<b>0.0449</b>	<b>0.0253</b>	<b>0.3395</b>	<b>1.1500e-003</b>	<b>0.1232</b>	<b>7.6000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.0000e-004</b>	<b>0.0334</b>		<b>114.4343</b>	<b>114.4343</b>	<b>2.3800e-003</b>		<b>114.4939</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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4421</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.6 Paving - 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	0.0000	0.0000	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	0.0449	0.0253	0.3395	1.1500e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		114.4343	114.4343	2.3800e-003		114.4939
<b>Total</b>	<b>0.0449</b>	<b>0.0253</b>	<b>0.3395</b>	<b>1.1500e-003</b>	<b>0.1232</b>	<b>7.6000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.0000e-004</b>	<b>0.0334</b>		<b>114.4343</b>	<b>114.4343</b>	<b>2.3800e-003</b>		<b>114.4939</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>9.6076</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0611	0.0357	0.4667	1.5100e-003	0.1561	9.8000e-004	0.1571	0.0414	9.0000e-004	0.0423		150.4723	150.4723	3.3600e-003		150.5564
<b>Total</b>	<b>0.0611</b>	<b>0.0357</b>	<b>0.4667</b>	<b>1.5100e-003</b>	<b>0.1561</b>	<b>9.8000e-004</b>	<b>0.1571</b>	<b>0.0414</b>	<b>9.0000e-004</b>	<b>0.0423</b>		<b>150.4723</b>	<b>150.4723</b>	<b>3.3600e-003</b>		<b>150.5564</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	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>9.6076</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0611	0.0357	0.4667	1.5100e-003	0.1561	9.8000e-004	0.1571	0.0414	9.0000e-004	0.0423		150.4723	150.4723	3.3600e-003		150.5564
<b>Total</b>	<b>0.0611</b>	<b>0.0357</b>	<b>0.4667</b>	<b>1.5100e-003</b>	<b>0.1561</b>	<b>9.8000e-004</b>	<b>0.1571</b>	<b>0.0414</b>	<b>9.0000e-004</b>	<b>0.0423</b>		<b>150.4723</b>	<b>150.4723</b>	<b>3.3600e-003</b>		<b>150.5564</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>9.5932</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>



Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0569	0.0320	0.4300	1.4500e-003	0.1561	9.6000e-004	0.1570	0.0414	8.8000e-004	0.0423		144.9501	144.9501	3.0200e-003		145.0256
<b>Total</b>	<b>0.0569</b>	<b>0.0320</b>	<b>0.4300</b>	<b>1.4500e-003</b>	<b>0.1561</b>	<b>9.6000e-004</b>	<b>0.1570</b>	<b>0.0414</b>	<b>8.8000e-004</b>	<b>0.0423</b>		<b>144.9501</b>	<b>144.9501</b>	<b>3.0200e-003</b>		<b>145.0256</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	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>9.5932</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**3.7 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0569	0.0320	0.4300	1.4500e-003	0.1561	9.6000e-004	0.1570	0.0414	8.8000e-004	0.0423		144.9501	144.9501	3.0200e-003		145.0256
<b>Total</b>	<b>0.0569</b>	<b>0.0320</b>	<b>0.4300</b>	<b>1.4500e-003</b>	<b>0.1561</b>	<b>9.6000e-004</b>	<b>0.1570</b>	<b>0.0414</b>	<b>8.8000e-004</b>	<b>0.0423</b>		<b>144.9501</b>	<b>144.9501</b>	<b>3.0200e-003</b>		<b>145.0256</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Point Eden Industrial Development - 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	0.3622	1.5723	4.0599	0.0152	1.3046	0.0129	1.3175	0.3490	0.0120	0.3611		1,534.0176	1,534.0176	0.0518		1,535.3115
Unmitigated	0.3622	1.5723	4.0599	0.0152	1.3046	0.0129	1.3175	0.3490	0.0120	0.3611		1,534.0176	1,534.0176	0.0518		1,535.3115

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	30.72	6.85	2.92	55,773	55,773
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	185.19	185.19	185.19	540,659	540,659
Total	215.91	192.04	188.11	596,431	596,431

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Unrefrigerated Warehouse-No Rail	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
NaturalGas Unmitigated	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**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					
General Office Building	147.491	1.5900e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003		17.3518	17.3518	3.3000e-004	3.2000e-004	17.4549
Parking Lot	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
Unrefrigerated Warehouse-No Rail	419.784	4.5300e-003	0.0412	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3863	49.3863	9.5000e-004	9.1000e-004	49.6798
<b>Total</b>		<b>6.1200e-003</b>	<b>0.0556</b>	<b>0.0467</b>	<b>3.4000e-004</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>66.7382</b>	<b>66.7382</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>67.1348</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.147491	1.5900e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003		17.3518	17.3518	3.3000e-004	3.2000e-004	17.4549
Parking Lot	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
Unrefrigerated Warehouse-No Rail	0.419784	4.5300e-003	0.0412	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3863	49.3863	9.5000e-004	9.1000e-004	49.6798
<b>Total</b>		<b>6.1200e-003</b>	<b>0.0556</b>	<b>0.0467</b>	<b>3.4000e-004</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>66.7382</b>	<b>66.7382</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>67.1348</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**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	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Unmitigated	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936

Point Eden Industrial Development - 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	0.2958					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4594					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8100e-003	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
<b>Total</b>	<b>2.7590</b>	<b>3.7000e-004</b>	<b>0.0410</b>	<b>0.0000</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>0.0878</b>	<b>0.0878</b>	<b>2.3000e-004</b>		<b>0.0936</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	0.2958					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4594					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8100e-003	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
<b>Total</b>	<b>2.7590</b>	<b>3.7000e-004</b>	<b>0.0410</b>	<b>0.0000</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>0.0878</b>	<b>0.0878</b>	<b>2.3000e-004</b>		<b>0.0936</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Summer

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**Point Eden Industrial Development  
Bay Area AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2.79	1000sqft	0.06	2,785.00	0
Unrefrigerated Warehouse-No Rail	110.23	1000sqft	2.53	110,231.00	0
Parking Lot	288.00	Space	2.59	115,200.00	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>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	457.68	<b>CH4 Intensity (lb/MWhr)</b>	0.021	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics - Assume start of construction in February 2021 and operation in 2022. Entered PGE RPS

Land Use -

Construction Phase - Architectural coating updated to be half way through building construction for standard practices

Demolition - building sf measured from google earth

Architectural Coating - Per BAAQMD Rules

Area Coating - Per BAAQMD rules

Energy Use -

## Point Eden Industrial Development - Bay Area AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Parking	150.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	100
tblAreaCoating	Area_EF_Parking	150	100
tblConstructionPhase	NumDays	20.00	115.00
tblConstructionPhase	PhaseStartDate	3/26/2022	11/15/2021
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.021
tblProjectCharacteristics	CO2IntensityFactor	641.35	457.68
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

## 2.0 Emissions Summary

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Point Eden Industrial Development - 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	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Energy	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
Mobile	0.3166	1.6580	4.0204	0.0142	1.3046	0.0129	1.3175	0.3490	0.0121	0.3612		1,436.7069	1,436.7069	0.0524		1,438.0162
<b>Total</b>	<b>3.0816</b>	<b>1.7140</b>	<b>4.1082</b>	<b>0.0145</b>	<b>1.3046</b>	<b>0.0173</b>	<b>1.3219</b>	<b>0.3490</b>	<b>0.0165</b>	<b>0.3655</b>		<b>1,503.5328</b>	<b>1,503.5328</b>	<b>0.0539</b>	<b>1.2200e-003</b>	<b>1,505.2445</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Energy	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
Mobile	0.3166	1.6580	4.0204	0.0142	1.3046	0.0129	1.3175	0.3490	0.0121	0.3612		1,436.7069	1,436.7069	0.0524		1,438.0162
<b>Total</b>	<b>3.0816</b>	<b>1.7140</b>	<b>4.1082</b>	<b>0.0145</b>	<b>1.3046</b>	<b>0.0173</b>	<b>1.3219</b>	<b>0.3490</b>	<b>0.0165</b>	<b>0.3655</b>		<b>1,503.5328</b>	<b>1,503.5328</b>	<b>0.0539</b>	<b>1.2200e-003</b>	<b>1,505.2445</b>

Point Eden Industrial Development - 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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	2/26/2021	5	20	
2	Site Preparation	Site Preparation	2/27/2021	3/12/2021	5	10	
3	Grading	Grading	3/13/2021	4/9/2021	5	20	
4	Building Construction	Building Construction	4/10/2021	2/25/2022	5	230	
5	Paving	Paving	2/26/2022	3/25/2022	5	20	
6	Architectural Coating	Architectural Coating	11/15/2021	4/22/2022	5	115	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 2.59

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 169,524; Non-Residential Outdoor: 56,508; Striped Parking Area: 6,912 (Architectural Coating – sqft)

#### OffRoad Equipment

## Point Eden Industrial Development - Bay Area AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Point Eden Industrial Development - 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	6	15.00	0.00	63.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	37.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6792	0.0000	0.6792	0.1028	0.0000	0.1028			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.6792</b>	<b>1.5513</b>	<b>2.2305</b>	<b>0.1028</b>	<b>1.4411</b>	<b>1.5439</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.8530	0.1886	2.4300e-003	0.0550	2.6600e-003	0.0577	0.0151	2.5400e-003	0.0176		260.0988	260.0988	0.0138		260.4430
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	0.0511	0.0348	0.3447	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.4305	109.4305	2.4800e-003		109.4924
<b>Total</b>	<b>0.0763</b>	<b>0.8878</b>	<b>0.5333</b>	<b>3.5300e-003</b>	<b>0.1783</b>	<b>3.4400e-003</b>	<b>0.1817</b>	<b>0.0478</b>	<b>3.2500e-003</b>	<b>0.0510</b>		<b>369.5293</b>	<b>369.5293</b>	<b>0.0163</b>		<b>369.9354</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					0.6792	0.0000	0.6792	0.1028	0.0000	0.1028			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.6792</b>	<b>1.5513</b>	<b>2.2305</b>	<b>0.1028</b>	<b>1.4411</b>	<b>1.5439</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>



Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0252	0.8530	0.1886	2.4300e-003	0.0550	2.6600e-003	0.0577	0.0151	2.5400e-003	0.0176		260.0988	260.0988	0.0138		260.4430
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	0.0511	0.0348	0.3447	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.4305	109.4305	2.4800e-003		109.4924
<b>Total</b>	<b>0.0763</b>	<b>0.8878</b>	<b>0.5333</b>	<b>3.5300e-003</b>	<b>0.1783</b>	<b>3.4400e-003</b>	<b>0.1817</b>	<b>0.0478</b>	<b>3.2500e-003</b>	<b>0.0510</b>		<b>369.5293</b>	<b>369.5293</b>	<b>0.0163</b>		<b>369.9354</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
<b>Total</b>	<b>0.0613</b>	<b>0.0418</b>	<b>0.4137</b>	<b>1.3200e-003</b>	<b>0.1479</b>	<b>9.3000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.6000e-004</b>	<b>0.0401</b>		<b>131.3166</b>	<b>131.3166</b>	<b>2.9700e-003</b>		<b>131.3909</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0613	0.0418	0.4137	1.3200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		131.3166	131.3166	2.9700e-003		131.3909
<b>Total</b>	<b>0.0613</b>	<b>0.0418</b>	<b>0.4137</b>	<b>1.3200e-003</b>	<b>0.1479</b>	<b>9.3000e-004</b>	<b>0.1488</b>	<b>0.0392</b>	<b>8.6000e-004</b>	<b>0.0401</b>		<b>131.3166</b>	<b>131.3166</b>	<b>2.9700e-003</b>		<b>131.3909</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>		<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0511	0.0348	0.3447	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.4305	109.4305	2.4800e-003		109.4924
<b>Total</b>	<b>0.0511</b>	<b>0.0348</b>	<b>0.3447</b>	<b>1.1000e-003</b>	<b>0.1232</b>	<b>7.8000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>109.4305</b>	<b>109.4305</b>	<b>2.4800e-003</b>		<b>109.4924</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>	<b>0.0000</b>	<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0511	0.0348	0.3447	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.1000e-004	0.0334		109.4305	109.4305	2.4800e-003		109.4924
<b>Total</b>	<b>0.0511</b>	<b>0.0348</b>	<b>0.3447</b>	<b>1.1000e-003</b>	<b>0.1232</b>	<b>7.8000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.1000e-004</b>	<b>0.0334</b>		<b>109.4305</b>	<b>109.4305</b>	<b>2.4800e-003</b>		<b>109.4924</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1216	3.8565	1.0364	9.8400e-003	0.2505	8.5700e-003	0.2590	0.0721	8.2000e-003	0.0803		1,042.0204	1,042.0204	0.0543		1,043.3776
Worker	0.3270	0.2228	2.2062	7.0300e-003	0.7886	4.9600e-003	0.7936	0.2092	4.5700e-003	0.2138		700.3552	700.3552	0.0159		700.7514
<b>Total</b>	<b>0.4486</b>	<b>4.0793</b>	<b>3.2425</b>	<b>0.0169</b>	<b>1.0391</b>	<b>0.0135</b>	<b>1.0526</b>	<b>0.2813</b>	<b>0.0128</b>	<b>0.2941</b>		<b>1,742.3756</b>	<b>1,742.3756</b>	<b>0.0701</b>		<b>1,744.1290</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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1216	3.8565	1.0364	9.8400e-003	0.2505	8.5700e-003	0.2590	0.0721	8.2000e-003	0.0803		1,042.0204	1,042.0204	0.0543		1,043.3776
Worker	0.3270	0.2228	2.2062	7.0300e-003	0.7886	4.9600e-003	0.7936	0.2092	4.5700e-003	0.2138		700.3552	700.3552	0.0159		700.7514
<b>Total</b>	<b>0.4486</b>	<b>4.0793</b>	<b>3.2425</b>	<b>0.0169</b>	<b>1.0391</b>	<b>0.0135</b>	<b>1.0526</b>	<b>0.2813</b>	<b>0.0128</b>	<b>0.2941</b>		<b>1,742.3756</b>	<b>1,742.3756</b>	<b>0.0701</b>		<b>1,744.1290</b>

**3.5 Building Construction - 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					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 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	0.0000	0.0000	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	0.1134	3.6511	0.9742	9.7300e-003	0.2505	7.4400e-003	0.2579	0.0721	7.1200e-003	0.0792		1,031.7040	1,031.7040	0.0519		1,033.0004
Worker	0.3052	0.1998	2.0245	6.7700e-003	0.7886	4.8500e-003	0.7935	0.2092	4.4600e-003	0.2136		674.6803	674.6803	0.0142		675.0351
<b>Total</b>	<b>0.4186</b>	<b>3.8509</b>	<b>2.9987</b>	<b>0.0165</b>	<b>1.0391</b>	<b>0.0123</b>	<b>1.0514</b>	<b>0.2813</b>	<b>0.0116</b>	<b>0.2929</b>		<b>1,706.3843</b>	<b>1,706.3843</b>	<b>0.0661</b>		<b>1,708.0355</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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>



Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.5 Building Construction - 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	0.0000	0.0000	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	0.1134	3.6511	0.9742	9.7300e-003	0.2505	7.4400e-003	0.2579	0.0721	7.1200e-003	0.0792		1,031.7040	1,031.7040	0.0519		1,033.0004
Worker	0.3052	0.1998	2.0245	6.7700e-003	0.7886	4.8500e-003	0.7935	0.2092	4.4600e-003	0.2136		674.6803	674.6803	0.0142		675.0351
<b>Total</b>	<b>0.4186</b>	<b>3.8509</b>	<b>2.9987</b>	<b>0.0165</b>	<b>1.0391</b>	<b>0.0123</b>	<b>1.0514</b>	<b>0.2813</b>	<b>0.0116</b>	<b>0.2929</b>		<b>1,706.3843</b>	<b>1,706.3843</b>	<b>0.0661</b>		<b>1,708.0355</b>

**3.6 Paving - 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					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4421</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.6 Paving - 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	0.0000	0.0000	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	0.0477	0.0312	0.3163	1.0600e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		105.4188	105.4188	2.2200e-003		105.4742
<b>Total</b>	<b>0.0477</b>	<b>0.0312</b>	<b>0.3163</b>	<b>1.0600e-003</b>	<b>0.1232</b>	<b>7.6000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.0000e-004</b>	<b>0.0334</b>		<b>105.4188</b>	<b>105.4188</b>	<b>2.2200e-003</b>		<b>105.4742</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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.3393					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4421</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.6 Paving - 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	0.0000	0.0000	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	0.0477	0.0312	0.3163	1.0600e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		105.4188	105.4188	2.2200e-003		105.4742
<b>Total</b>	<b>0.0477</b>	<b>0.0312</b>	<b>0.3163</b>	<b>1.0600e-003</b>	<b>0.1232</b>	<b>7.6000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.0000e-004</b>	<b>0.0334</b>		<b>105.4188</b>	<b>105.4188</b>	<b>2.2200e-003</b>		<b>105.4742</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>9.6076</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0647	0.0441	0.4366	1.3900e-003	0.1561	9.8000e-004	0.1571	0.0414	9.0000e-004	0.0423		138.6120	138.6120	3.1400e-003		138.6904
<b>Total</b>	<b>0.0647</b>	<b>0.0441</b>	<b>0.4366</b>	<b>1.3900e-003</b>	<b>0.1561</b>	<b>9.8000e-004</b>	<b>0.1571</b>	<b>0.0414</b>	<b>9.0000e-004</b>	<b>0.0423</b>		<b>138.6120</b>	<b>138.6120</b>	<b>3.1400e-003</b>		<b>138.6904</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	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>9.6076</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0647	0.0441	0.4366	1.3900e-003	0.1561	9.8000e-004	0.1571	0.0414	9.0000e-004	0.0423		138.6120	138.6120	3.1400e-003		138.6904
<b>Total</b>	<b>0.0647</b>	<b>0.0441</b>	<b>0.4366</b>	<b>1.3900e-003</b>	<b>0.1561</b>	<b>9.8000e-004</b>	<b>0.1571</b>	<b>0.0414</b>	<b>9.0000e-004</b>	<b>0.0423</b>		<b>138.6120</b>	<b>138.6120</b>	<b>3.1400e-003</b>		<b>138.6904</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>9.5932</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0604	0.0395	0.4007	1.3400e-003	0.1561	9.6000e-004	0.1570	0.0414	8.8000e-004	0.0423		133.5305	133.5305	2.8100e-003		133.6007
<b>Total</b>	<b>0.0604</b>	<b>0.0395</b>	<b>0.4007</b>	<b>1.3400e-003</b>	<b>0.1561</b>	<b>9.6000e-004</b>	<b>0.1570</b>	<b>0.0414</b>	<b>8.8000e-004</b>	<b>0.0423</b>		<b>133.5305</b>	<b>133.5305</b>	<b>2.8100e-003</b>		<b>133.6007</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	9.3887					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>9.5932</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**3.7 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0604	0.0395	0.4007	1.3400e-003	0.1561	9.6000e-004	0.1570	0.0414	8.8000e-004	0.0423		133.5305	133.5305	2.8100e-003		133.6007
<b>Total</b>	<b>0.0604</b>	<b>0.0395</b>	<b>0.4007</b>	<b>1.3400e-003</b>	<b>0.1561</b>	<b>9.6000e-004</b>	<b>0.1570</b>	<b>0.0414</b>	<b>8.8000e-004</b>	<b>0.0423</b>		<b>133.5305</b>	<b>133.5305</b>	<b>2.8100e-003</b>		<b>133.6007</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Point Eden Industrial Development - 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	0.3166	1.6580	4.0204	0.0142	1.3046	0.0129	1.3175	0.3490	0.0121	0.3612		1,436.7069	1,436.7069	0.0524		1,438.0162
Unmitigated	0.3166	1.6580	4.0204	0.0142	1.3046	0.0129	1.3175	0.3490	0.0121	0.3612		1,436.7069	1,436.7069	0.0524		1,438.0162

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	30.72	6.85	2.92	55,773	55,773
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	185.19	185.19	185.19	540,659	540,659
Total	215.91	192.04	188.11	596,431	596,431

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix



Point Eden Industrial Development - Bay Area AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Parking Lot	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768
Unrefrigerated Warehouse-No Rail	0.576985	0.039376	0.193723	0.112069	0.016317	0.005358	0.017943	0.025814	0.002614	0.002274	0.005874	0.000887	0.000768

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348
NaturalGas Unmitigated	6.1200e-003	0.0556	0.0467	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.7382	66.7382	1.2800e-003	1.2200e-003	67.1348

Point Eden Industrial Development - Bay Area AQMD Air District, Winter

**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					
General Office Building	147.491	1.5900e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003		17.3518	17.3518	3.3000e-004	3.2000e-004	17.4549
Parking Lot	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
Unrefrigerated Warehouse-No Rail	419.784	4.5300e-003	0.0412	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3863	49.3863	9.5000e-004	9.1000e-004	49.6798
<b>Total</b>		<b>6.1200e-003</b>	<b>0.0556</b>	<b>0.0467</b>	<b>3.4000e-004</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>66.7382</b>	<b>66.7382</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>67.1348</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.147491	1.5900e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003		17.3518	17.3518	3.3000e-004	3.2000e-004	17.4549
Parking Lot	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
Unrefrigerated Warehouse-No Rail	0.419784	4.5300e-003	0.0412	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3863	49.3863	9.5000e-004	9.1000e-004	49.6798
<b>Total</b>		<b>6.1200e-003</b>	<b>0.0556</b>	<b>0.0467</b>	<b>3.4000e-004</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>4.2300e-003</b>	<b>4.2300e-003</b>		<b>66.7382</b>	<b>66.7382</b>	<b>1.2800e-003</b>	<b>1.2300e-003</b>	<b>67.1348</b>

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**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	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
Unmitigated	2.7590	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936

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**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	0.2958					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4594					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8100e-003	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
<b>Total</b>	<b>2.7590</b>	<b>3.7000e-004</b>	<b>0.0410</b>	<b>0.0000</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>0.0878</b>	<b>0.0878</b>	<b>2.3000e-004</b>		<b>0.0936</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	0.2958					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4594					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.8100e-003	3.7000e-004	0.0410	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		0.0878	0.0878	2.3000e-004		0.0936
<b>Total</b>	<b>2.7590</b>	<b>3.7000e-004</b>	<b>0.0410</b>	<b>0.0000</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>1.5000e-004</b>	<b>1.5000e-004</b>		<b>0.0878</b>	<b>0.0878</b>	<b>2.3000e-004</b>		<b>0.0936</b>

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**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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**Point Eden Industrial Development  
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**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2.79	1000sqft	0.06	2,785.00	0
Unrefrigerated Warehouse-No Rail	110.23	1000sqft	2.53	110,231.00	0
Parking Lot	288.00	Space	2.59	115,200.00	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>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	457.68	<b>CH4 Intensity (lb/MWhr)</b>	0.021	<b>N2O Intensity (lb/MWhr)</b>	0.004

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

Project Characteristics - Assume start of construction in February 2021 and operation in 2022. Entered PGE RPS

Land Use -

Construction Phase - Architectural coating updated to be half way through building construction for standard practices

Demolition - building sf measured from google earth

Architectural Coating - Per BAAQMD Rules

Area Coating - Per BAAQMD rules

Energy Use -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	100.00
tblArchitecturalCoating	EF_Parking	150.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	100
tblAreaCoating	Area_EF_Parking	150	100
tblConstructionPhase	NumDays	20.00	115.00
tblConstructionPhase	PhaseStartDate	3/26/2022	11/15/2021
tblLandUse	LandUseSquareFeet	2,790.00	2,785.00
tblLandUse	LandUseSquareFeet	110,230.00	110,231.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.021
tblProjectCharacteristics	CO2IntensityFactor	641.35	457.68
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

## 2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-1-2021	4-30-2021	1.0020	1.0020
2	5-1-2021	7-31-2021	0.7807	0.7807
3	8-1-2021	10-31-2021	0.7818	0.7818
4	11-1-2021	1-31-2022	1.0705	1.0705
5	2-1-2022	4-30-2022	0.6403	0.6403
		Highest	1.0705	1.0705

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	0.5032	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003
Energy	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	113.3655	113.3655	4.9100e-003	1.1000e-003	113.8150
Mobile	0.0364	0.1892	0.4374	2.0400e-003	0.2219	1.3400e-003	0.2232	0.0595	1.2500e-003	0.0608	0.0000	188.5013	188.5013	5.7500e-003	0.0000	188.6452
Waste						0.0000	0.0000		0.0000	0.0000	21.5597	0.0000	21.5597	1.2741	0.0000	53.4132
Water						0.0000	0.0000		0.0000	0.0000	8.2443	29.4122	37.6565	0.8481	0.0203	64.8944
<b>Total</b>	<b>0.5407</b>	<b>0.1994</b>	<b>0.4496</b>	<b>2.1000e-003</b>	<b>0.2219</b>	<b>2.1200e-003</b>	<b>0.2240</b>	<b>0.0595</b>	<b>2.0300e-003</b>	<b>0.0615</b>	<b>29.8040</b>	<b>331.2861</b>	<b>361.0901</b>	<b>2.1329</b>	<b>0.0214</b>	<b>420.7754</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5032	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003
Energy	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	113.3655	113.3655	4.9100e-003	1.1000e-003	113.8150
Mobile	0.0364	0.1892	0.4374	2.0400e-003	0.2219	1.3400e-003	0.2232	0.0595	1.2500e-003	0.0608	0.0000	188.5013	188.5013	5.7500e-003	0.0000	188.6452
Waste						0.0000	0.0000		0.0000	0.0000	21.5597	0.0000	21.5597	1.2741	0.0000	53.4132
Water						0.0000	0.0000		0.0000	0.0000	8.2443	29.4122	37.6565	0.8481	0.0203	64.8944
<b>Total</b>	<b>0.5407</b>	<b>0.1994</b>	<b>0.4496</b>	<b>2.1000e-003</b>	<b>0.2219</b>	<b>2.1200e-003</b>	<b>0.2240</b>	<b>0.0595</b>	<b>2.0300e-003</b>	<b>0.0615</b>	<b>29.8040</b>	<b>331.2861</b>	<b>361.0901</b>	<b>2.1329</b>	<b>0.0214</b>	<b>420.7754</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**

## Point Eden Industrial Development - 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	2/1/2021	2/26/2021	5	20	
2	Site Preparation	Site Preparation	2/27/2021	3/12/2021	5	10	
3	Grading	Grading	3/13/2021	4/9/2021	5	20	
4	Building Construction	Building Construction	4/10/2021	2/25/2022	5	230	
5	Architectural Coating	Architectural Coating	11/15/2021	4/22/2022	5	115	
6	Paving	Paving	2/26/2022	3/25/2022	5	20	

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

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 2.59**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 169,524; Non-Residential Outdoor: 56,508; Striped Parking Area: 6,912 (Architectural Coating – sqft)**

**OffRoad Equipment**

## Point Eden Industrial Development - Bay Area AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	63.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	96.00	37.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	19.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.7900e-003	0.0000	6.7900e-003	1.0300e-003	0.0000	1.0300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
<b>Total</b>	<b>0.0317</b>	<b>0.3144</b>	<b>0.2157</b>	<b>3.9000e-004</b>	<b>6.7900e-003</b>	<b>0.0155</b>	<b>0.0223</b>	<b>1.0300e-003</b>	<b>0.0144</b>	<b>0.0154</b>	<b>0.0000</b>	<b>34.0008</b>	<b>34.0008</b>	<b>9.5700e-003</b>	<b>0.0000</b>	<b>34.2400</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-004	8.5000e-003	1.8100e-003	2.0000e-005	5.3000e-004	3.0000e-005	5.6000e-004	1.5000e-004	3.0000e-005	1.7000e-004	0.0000	2.3831	2.3831	1.2000e-004	0.0000	2.3862
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	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>7.1000e-004</b>	<b>8.8200e-003</b>	<b>5.1700e-003</b>	<b>3.0000e-005</b>	<b>1.7200e-003</b>	<b>4.0000e-005</b>	<b>1.7500e-003</b>	<b>4.7000e-004</b>	<b>4.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>3.3851</b>	<b>3.3851</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3887</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					6.7900e-003	0.0000	6.7900e-003	1.0300e-003	0.0000	1.0300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
<b>Total</b>	<b>0.0317</b>	<b>0.3144</b>	<b>0.2157</b>	<b>3.9000e-004</b>	<b>6.7900e-003</b>	<b>0.0155</b>	<b>0.0223</b>	<b>1.0300e-003</b>	<b>0.0144</b>	<b>0.0154</b>	<b>0.0000</b>	<b>34.0007</b>	<b>34.0007</b>	<b>9.5700e-003</b>	<b>0.0000</b>	<b>34.2400</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-004	8.5000e-003	1.8100e-003	2.0000e-005	5.3000e-004	3.0000e-005	5.6000e-004	1.5000e-004	3.0000e-005	1.7000e-004	0.0000	2.3831	2.3831	1.2000e-004	0.0000	2.3862
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	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>7.1000e-004</b>	<b>8.8200e-003</b>	<b>5.1700e-003</b>	<b>3.0000e-005</b>	<b>1.7200e-003</b>	<b>4.0000e-005</b>	<b>1.7500e-003</b>	<b>4.7000e-004</b>	<b>4.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>3.3851</b>	<b>3.3851</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>3.3887</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0903</b>	<b>0.0102</b>	<b>0.1006</b>	<b>0.0497</b>	<b>9.4000e-003</b>	<b>0.0591</b>	<b>0.0000</b>	<b>16.7179</b>	<b>16.7179</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.0200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6012	0.6012	1.0000e-005	0.0000	0.6015
<b>Total</b>	<b>2.8000e-004</b>	<b>1.9000e-004</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6012</b>	<b>0.6012</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6015</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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0903</b>	<b>0.0102</b>	<b>0.1006</b>	<b>0.0497</b>	<b>9.4000e-003</b>	<b>0.0591</b>	<b>0.0000</b>	<b>16.7178</b>	<b>16.7178</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>



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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.0200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6012	0.6012	1.0000e-005	0.0000	0.6015
<b>Total</b>	<b>2.8000e-004</b>	<b>1.9000e-004</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6012</b>	<b>0.6012</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6015</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2644
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0655</b>	<b>0.0116</b>	<b>0.0771</b>	<b>0.0337</b>	<b>0.0107</b>	<b>0.0443</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2644</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>4.6000e-004</b>	<b>3.2000e-004</b>	<b>3.3600e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0020</b>	<b>1.0020</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.0026</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					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2643
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0655</b>	<b>0.0116</b>	<b>0.0771</b>	<b>0.0337</b>	<b>0.0107</b>	<b>0.0443</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2643</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.2000e-004	3.3600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0020	1.0020	2.0000e-005	0.0000	1.0026
<b>Total</b>	<b>4.6000e-004</b>	<b>3.2000e-004</b>	<b>3.3600e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0020</b>	<b>1.0020</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.0026</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1806	1.6561	1.5746	2.5600e-003		0.0911	0.0911		0.0856	0.0856	0.0000	220.0554	220.0554	0.0531	0.0000	221.3827
<b>Total</b>	<b>0.1806</b>	<b>1.6561</b>	<b>1.5746</b>	<b>2.5600e-003</b>		<b>0.0911</b>	<b>0.0911</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>220.0554</b>	<b>220.0554</b>	<b>0.0531</b>	<b>0.0000</b>	<b>221.3827</b>

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**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3671	0.0916	9.5000e-004	0.0231	8.0000e-004	0.0239	6.6700e-003	7.6000e-004	7.4300e-003	0.0000	91.1594	91.1594	4.4800e-003	0.0000	91.2714
Worker	0.0280	0.0193	0.2046	6.7000e-004	0.0721	4.7000e-004	0.0725	0.0192	4.3000e-004	0.0196	0.0000	60.9207	60.9207	1.3700e-003	0.0000	60.9548
<b>Total</b>	<b>0.0392</b>	<b>0.3865</b>	<b>0.2962</b>	<b>1.6200e-003</b>	<b>0.0951</b>	<b>1.2700e-003</b>	<b>0.0964</b>	<b>0.0258</b>	<b>1.1900e-003</b>	<b>0.0270</b>	<b>0.0000</b>	<b>152.0801</b>	<b>152.0801</b>	<b>5.8500e-003</b>	<b>0.0000</b>	<b>152.2263</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	0.1806	1.6561	1.5746	2.5600e-003		0.0911	0.0911		0.0856	0.0856	0.0000	220.0552	220.0552	0.0531	0.0000	221.3824
<b>Total</b>	<b>0.1806</b>	<b>1.6561</b>	<b>1.5746</b>	<b>2.5600e-003</b>		<b>0.0911</b>	<b>0.0911</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>220.0552</b>	<b>220.0552</b>	<b>0.0531</b>	<b>0.0000</b>	<b>221.3824</b>

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**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.3671	0.0916	9.5000e-004	0.0231	8.0000e-004	0.0239	6.6700e-003	7.6000e-004	7.4300e-003	0.0000	91.1594	91.1594	4.4800e-003	0.0000	91.2714
Worker	0.0280	0.0193	0.2046	6.7000e-004	0.0721	4.7000e-004	0.0725	0.0192	4.3000e-004	0.0196	0.0000	60.9207	60.9207	1.3700e-003	0.0000	60.9548
<b>Total</b>	<b>0.0392</b>	<b>0.3865</b>	<b>0.2962</b>	<b>1.6200e-003</b>	<b>0.0951</b>	<b>1.2700e-003</b>	<b>0.0964</b>	<b>0.0258</b>	<b>1.1900e-003</b>	<b>0.0270</b>	<b>0.0000</b>	<b>152.0801</b>	<b>152.0801</b>	<b>5.8500e-003</b>	<b>0.0000</b>	<b>152.2263</b>

**3.5 Building Construction - 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					
Off-Road	0.0341	0.3123	0.3273	5.4000e-004		0.0162	0.0162		0.0152	0.0152	0.0000	46.3451	46.3451	0.0111	0.0000	46.6226
<b>Total</b>	<b>0.0341</b>	<b>0.3123</b>	<b>0.3273</b>	<b>5.4000e-004</b>		<b>0.0162</b>	<b>0.0162</b>		<b>0.0152</b>	<b>0.0152</b>	<b>0.0000</b>	<b>46.3451</b>	<b>46.3451</b>	<b>0.0111</b>	<b>0.0000</b>	<b>46.6226</b>

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**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1900e-003	0.0732	0.0181	2.0000e-004	4.8500e-003	1.5000e-004	5.0000e-003	1.4000e-003	1.4000e-004	1.5400e-003	0.0000	19.0033	19.0033	9.0000e-004	0.0000	19.0258
Worker	5.4900e-003	3.6500e-003	0.0396	1.4000e-004	0.0152	1.0000e-004	0.0153	4.0400e-003	9.0000e-005	4.1300e-003	0.0000	12.3552	12.3552	2.6000e-004	0.0000	12.3617
<b>Total</b>	<b>7.6800e-003</b>	<b>0.0769</b>	<b>0.0577</b>	<b>3.4000e-004</b>	<b>0.0200</b>	<b>2.5000e-004</b>	<b>0.0203</b>	<b>5.4400e-003</b>	<b>2.3000e-004</b>	<b>5.6700e-003</b>	<b>0.0000</b>	<b>31.3585</b>	<b>31.3585</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>31.3875</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	0.0341	0.3123	0.3273	5.4000e-004		0.0162	0.0162		0.0152	0.0152	0.0000	46.3450	46.3450	0.0111	0.0000	46.6226
<b>Total</b>	<b>0.0341</b>	<b>0.3123</b>	<b>0.3273</b>	<b>5.4000e-004</b>		<b>0.0162</b>	<b>0.0162</b>		<b>0.0152</b>	<b>0.0152</b>	<b>0.0000</b>	<b>46.3450</b>	<b>46.3450</b>	<b>0.0111</b>	<b>0.0000</b>	<b>46.6226</b>

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**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1900e-003	0.0732	0.0181	2.0000e-004	4.8500e-003	1.5000e-004	5.0000e-003	1.4000e-003	1.4000e-004	1.5400e-003	0.0000	19.0033	19.0033	9.0000e-004	0.0000	19.0258
Worker	5.4900e-003	3.6500e-003	0.0396	1.4000e-004	0.0152	1.0000e-004	0.0153	4.0400e-003	9.0000e-005	4.1300e-003	0.0000	12.3552	12.3552	2.6000e-004	0.0000	12.3617
<b>Total</b>	<b>7.6800e-003</b>	<b>0.0769</b>	<b>0.0577</b>	<b>3.4000e-004</b>	<b>0.0200</b>	<b>2.5000e-004</b>	<b>0.0203</b>	<b>5.4400e-003</b>	<b>2.3000e-004</b>	<b>5.6700e-003</b>	<b>0.0000</b>	<b>31.3585</b>	<b>31.3585</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>31.3875</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0267	0.0318	5.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	4.4682	4.4682	3.1000e-004	0.0000	4.4759
<b>Total</b>	<b>0.1681</b>	<b>0.0267</b>	<b>0.0318</b>	<b>5.0000e-005</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>	<b>0.0000</b>	<b>4.4682</b>	<b>4.4682</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>4.4759</b>

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**3.6 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.0000e-004	7.4600e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.2211	2.2211	5.0000e-005	0.0000	2.2223
<b>Total</b>	<b>1.0200e-003</b>	<b>7.0000e-004</b>	<b>7.4600e-003</b>	<b>2.0000e-005</b>	<b>2.6300e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2211</b>	<b>2.2211</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.2223</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	0.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0267	0.0318	5.0000e-005		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	4.4682	4.4682	3.1000e-004	0.0000	4.4759
<b>Total</b>	<b>0.1681</b>	<b>0.0267</b>	<b>0.0318</b>	<b>5.0000e-005</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>		<b>1.6500e-003</b>	<b>1.6500e-003</b>	<b>0.0000</b>	<b>4.4682</b>	<b>4.4682</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>4.4759</b>



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**3.6 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.0000e-004	7.4600e-003	2.0000e-005	2.6300e-003	2.0000e-005	2.6400e-003	7.0000e-004	2.0000e-005	7.1000e-004	0.0000	2.2211	2.2211	5.0000e-005	0.0000	2.2223
<b>Total</b>	<b>1.0200e-003</b>	<b>7.0000e-004</b>	<b>7.4600e-003</b>	<b>2.0000e-005</b>	<b>2.6300e-003</b>	<b>2.0000e-005</b>	<b>2.6400e-003</b>	<b>7.0000e-004</b>	<b>2.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2211</b>	<b>2.2211</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>2.2223</b>

**3.6 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1800e-003	0.0563	0.0725	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	10.2130	10.2130	6.6000e-004	0.0000	10.2296
<b>Total</b>	<b>0.3837</b>	<b>0.0563</b>	<b>0.0725</b>	<b>1.2000e-004</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>10.2296</b>

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**3.6 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	1.4400e-003	0.0157	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	4.0000e-005	1.6300e-003	0.0000	4.8906	4.8906	1.0000e-004	0.0000	4.8932
<b>Total</b>	<b>2.1700e-003</b>	<b>1.4400e-003</b>	<b>0.0157</b>	<b>5.0000e-005</b>	<b>6.0100e-003</b>	<b>4.0000e-005</b>	<b>6.0400e-003</b>	<b>1.6000e-003</b>	<b>4.0000e-005</b>	<b>1.6300e-003</b>	<b>0.0000</b>	<b>4.8906</b>	<b>4.8906</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>4.8932</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	0.3756					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1800e-003	0.0563	0.0725	1.2000e-004		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	10.2130	10.2130	6.6000e-004	0.0000	10.2296
<b>Total</b>	<b>0.3837</b>	<b>0.0563</b>	<b>0.0725</b>	<b>1.2000e-004</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>		<b>3.2700e-003</b>	<b>3.2700e-003</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>10.2296</b>

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**3.6 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1700e-003	1.4400e-003	0.0157	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	4.0000e-005	1.6300e-003	0.0000	4.8906	4.8906	1.0000e-004	0.0000	4.8932
<b>Total</b>	<b>2.1700e-003</b>	<b>1.4400e-003</b>	<b>0.0157</b>	<b>5.0000e-005</b>	<b>6.0100e-003</b>	<b>4.0000e-005</b>	<b>6.0400e-003</b>	<b>1.6000e-003</b>	<b>4.0000e-005</b>	<b>1.6300e-003</b>	<b>0.0000</b>	<b>4.8906</b>	<b>4.8906</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>4.8932</b>

**3.7 Paving - 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					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	3.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0144</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0276</b>	<b>20.0276</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

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**3.7 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.8000e-004	3.0900e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9653	0.9653	2.0000e-005	0.0000	0.9658
<b>Total</b>	<b>4.3000e-004</b>	<b>2.8000e-004</b>	<b>3.0900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>0.9653</b>	<b>0.9653</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9658</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	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	3.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0144</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0275</b>	<b>20.0275</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

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**3.7 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.8000e-004	3.0900e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.1900e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9653	0.9653	2.0000e-005	0.0000	0.9658
<b>Total</b>	<b>4.3000e-004</b>	<b>2.8000e-004</b>	<b>3.0900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>0.9653</b>	<b>0.9653</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9658</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0364	0.1892	0.4374	2.0400e-003	0.2219	1.3400e-003	0.2232	0.0595	1.2500e-003	0.0608	0.0000	188.5013	188.5013	5.7500e-003	0.0000	188.6452
Unmitigated	0.0364	0.1892	0.4374	2.0400e-003	0.2219	1.3400e-003	0.2232	0.0595	1.2500e-003	0.0608	0.0000	188.5013	188.5013	5.7500e-003	0.0000	188.6452

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	30.77	6.86	2.93	55,873	55,873
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	185.19	185.19	185.19	540,654	540,654
Total	215.96	192.05	188.12	596,527	596,527

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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	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
Parking Lot	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
Unrefrigerated Warehouse-No Rail	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

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.3162	102.3162	4.6900e-003	8.9000e-004	102.7001
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	102.3162	102.3162	4.6900e-003	8.9000e-004	102.7001
NaturalGas Mitigated	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0493	11.0493	2.1000e-004	2.0000e-004	11.1149
NaturalGas Unmitigated	1.1200e-003	0.0102	8.5300e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0493	11.0493	2.1000e-004	2.0000e-004	11.1149

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	53834.1	2.9000e-004	2.6400e-003	2.2200e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8728	2.8728	6.0000e-005	5.0000e-005	2.8899
Parking Lot	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
Unrefrigerated Warehouse-No Rail	153221	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1765	8.1765	1.6000e-004	1.5000e-004	8.2251
<b>Total</b>		<b>1.1200e-003</b>	<b>0.0102</b>	<b>8.5300e-003</b>	<b>7.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>11.0493</b>	<b>11.0493</b>	<b>2.2000e-004</b>	<b>2.0000e-004</b>	<b>11.1149</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	53834.1	2.9000e-004	2.6400e-003	2.2200e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8728	2.8728	6.0000e-005	5.0000e-005	2.8899
Parking Lot	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
Unrefrigerated Warehouse-No Rail	153221	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1765	8.1765	1.6000e-004	1.5000e-004	8.2251
<b>Total</b>		<b>1.1200e-003</b>	<b>0.0102</b>	<b>8.5300e-003</b>	<b>7.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>11.0493</b>	<b>11.0493</b>	<b>2.2000e-004</b>	<b>2.0000e-004</b>	<b>11.1149</b>



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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	34756.8	7.2155	3.3000e-004	6.0000e-005	7.2426
Parking Lot	40320	8.3704	3.8000e-004	7.0000e-005	8.4018
Unrefrigerated Warehouse-No Rail	417775	86.7303	3.9800e-003	7.6000e-004	87.0556
<b>Total</b>		<b>102.3162</b>	<b>4.6900e-003</b>	<b>8.9000e-004</b>	<b>102.7001</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	34756.8	7.2155	3.3000e-004	6.0000e-005	7.2426
Parking Lot	40320	8.3704	3.8000e-004	7.0000e-005	8.4018
Unrefrigerated Warehouse-No Rail	417775	86.7303	3.9800e-003	7.6000e-004	87.0556
<b>Total</b>		<b>102.3162</b>	<b>4.6900e-003</b>	<b>8.9000e-004</b>	<b>102.7001</b>

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**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	0.5032	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003
Unmitigated	0.5032	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003

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**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	0.0540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003
<b>Total</b>	<b>0.5032</b>	<b>3.0000e-005</b>	<b>3.6700e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>7.1700e-003</b>	<b>7.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.6300e-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	0.0540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4488					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.4000e-004	3.0000e-005	3.6700e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	7.1700e-003	7.1700e-003	2.0000e-005	0.0000	7.6300e-003
<b>Total</b>	<b>0.5032</b>	<b>3.0000e-005</b>	<b>3.6700e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>7.1700e-003</b>	<b>7.1700e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>7.6300e-003</b>

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**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.6565	0.8481	0.0203	64.8944
Unmitigated	37.6565	0.8481	0.0203	64.8944

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**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.495877 / 0.303925	0.9352	0.0162	3.9000e-004	1.4558
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.4907 / 0	36.7213	0.8319	0.0199	63.4387
<b>Total</b>		<b>37.6565</b>	<b>0.8481</b>	<b>0.0203</b>	<b>64.8944</b>

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.495877 / 0.303925	0.9352	0.0162	3.9000e-004	1.4558
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.4907 / 0	36.7213	0.8319	0.0199	63.4387
<b>Total</b>		<b>37.6565</b>	<b>0.8481</b>	<b>0.0203</b>	<b>64.8944</b>

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**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.5597	1.2741	0.0000	53.4132
Unmitigated	21.5597	1.2741	0.0000	53.4132

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	2.59	0.5258	0.0311	0.0000	1.3025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	103.62	21.0339	1.2431	0.0000	52.1107
<b>Total</b>		<b>21.5597</b>	<b>1.2741</b>	<b>0.0000</b>	<b>53.4132</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	2.59	0.5258	0.0311	0.0000	1.3025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	103.62	21.0339	1.2431	0.0000	52.1107
<b>Total</b>		<b>21.5597</b>	<b>1.2741</b>	<b>0.0000</b>	<b>53.4132</b>

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**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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