

# Appendix C

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Air Quality, Greenhouse Gas, and Energy Calculations

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**600 Tank Farm Road**  
**San Luis Obispo County APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	12.50	1000sqft	0.00	12,500.00	0
Parking Lot	458.00	Space	0.20	183,200.00	0
Health Club	2.25	1000sqft	0.00	2,250.00	0
Condo/Townhouse High Rise	280.00	Dwelling Unit	10.90	261,200.00	622

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

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Project Characteristics - Utility Factors modified per C3E assumed to be 100% renewable by 2030

Land Use - SF and lot acreage per Project Description, pop projection per 2.22 persons/unit rate

Construction Phase - Per phased construction schedule; building phase combined (continuous across both phases)

Trips and VMT -

Grading -

Architectural Coating - SLOAPCD Rule 433; sf revised per phased construction

Vehicle Trips - Weekday trip generation rates per Traffic Memo; trip length per total VMT (8,152 daily miles); all trips primary trips

Road Dust - Road Dust per CalEEMod User Guide

Area Coating - SLOAPCD Rule 433

Energy Use - Commercial energy use reduced 30% per 2019 Title 24, solar for condos/townhomes, no nat gas per City's Clean Energy Choice

Water And Wastewater - Adjusted to match City-specific rates

Solid Waste -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation - Indoor water use reduced per 2016 CalGreen

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	6,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	1,125.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	18,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	3,375.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	94,751.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	81,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	284,253.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	244,717.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00

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tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	197.00
tblConstructionPhase	NumDays	300.00	783.00
tblConstructionPhase	NumDays	30.00	98.00
tblConstructionPhase	NumDays	30.00	65.00
tblConstructionPhase	NumDays	10.00	98.00
tblConstructionPhase	NumDays	10.00	65.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	3.88	2.72
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	332.81	0.00
tblEnergyUse	T24E	6.11	4.28
tblEnergyUse	T24NG	5,484.45	0.00
tblEnergyUse	T24NG	16.31	0.00

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tblEnergyUse	T24NG	19.71	0.00
tblGrading	MaterialImported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	280,000.00	261,200.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	4.12	0.20
tblLandUse	LotAcreage	0.05	0.00
tblLandUse	LotAcreage	4.38	10.90
tblLandUse	Population	801.00	622.00
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TTP	64.10	48.00
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TTP	16.90	33.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	HO_TL	5.00	5.70
tblVehicleTrips	HS_TL	5.00	5.70
tblVehicleTrips	HW_TL	13.00	5.70
tblVehicleTrips	PB_TP	3.00	0.00

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tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	ST_TR	20.87	2.46
tblVehicleTrips	SU_TR	26.73	1.05
tblVehicleTrips	WD_TR	4.18	3.08
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	32.93	10.19
tblWater	IndoorWaterUseRate	18,243,127.17	14,034,250.00
tblWater	IndoorWaterUseRate	2,221,671.85	0.00
tblWater	IndoorWaterUseRate	133,072.07	0.00
tblWater	OutdoorWaterUseRate	11,501,101.91	13,665,750.00
tblWater	OutdoorWaterUseRate	1,361,669.84	0.00
tblWater	OutdoorWaterUseRate	81,560.30	0.00

## 2.0 Emissions Summary

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2198	2.2659	1.4790	2.9900e-003	1.1262	0.1061	1.2323	0.5584	0.0976	0.6559	0.0000	262.9269	262.9269	0.0824	0.0000	264.9857
2023	0.8733	3.7481	4.2893	0.0103	0.7405	0.1427	0.8833	0.2327	0.1334	0.3662	0.0000	921.1515	921.1515	0.1449	0.0000	924.7739
2024	1.3612	4.7114	5.1076	0.0126	1.3258	0.1759	1.5017	0.5619	0.1639	0.7257	0.0000	1,124.2123	1,124.2123	0.1902	0.0000	1,128.9671
2025	1.8000	2.5034	3.5325	8.7200e-003	0.4478	0.0812	0.5291	0.1199	0.0766	0.1965	0.0000	781.7747	781.7747	0.0936	0.0000	784.1142
<b>Maximum</b>	<b>1.8000</b>	<b>4.7114</b>	<b>5.1076</b>	<b>0.0126</b>	<b>1.3258</b>	<b>0.1759</b>	<b>1.5017</b>	<b>0.5619</b>	<b>0.1639</b>	<b>0.7257</b>	<b>0.0000</b>	<b>1,124.2123</b>	<b>1,124.2123</b>	<b>0.1902</b>	<b>0.0000</b>	<b>1,128.9671</b>

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**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2198	2.2659	1.4790	2.9900e-003	1.1262	0.1061	1.2323	0.5584	0.0976	0.6559	0.0000	262.9266	262.9266	0.0824	0.0000	264.9854
2023	0.8733	3.7481	4.2893	0.0103	0.7405	0.1427	0.8833	0.2327	0.1334	0.3662	0.0000	921.1509	921.1509	0.1449	0.0000	924.7733
2024	1.3612	4.7114	5.1076	0.0126	1.3258	0.1759	1.5017	0.5619	0.1639	0.7257	0.0000	1,124.2115	1,124.2115	0.1902	0.0000	1,128.9663
2025	1.8000	2.5034	3.5325	8.7200e-003	0.4478	0.0812	0.5291	0.1199	0.0766	0.1965	0.0000	781.7743	781.7743	0.0936	0.0000	784.1138
<b>Maximum</b>	<b>1.8000</b>	<b>4.7114</b>	<b>5.1076</b>	<b>0.0126</b>	<b>1.3258</b>	<b>0.1759</b>	<b>1.5017</b>	<b>0.5619</b>	<b>0.1639</b>	<b>0.7257</b>	<b>0.0000</b>	<b>1,124.2115</b>	<b>1,124.2115</b>	<b>0.1902</b>	<b>0.0000</b>	<b>1,128.9663</b>

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2022	9-30-2022	1.1951	1.1951
2	10-1-2022	12-31-2022	1.2980	1.2980
3	1-1-2023	3-31-2023	1.9481	1.9481
4	4-1-2023	6-30-2023	0.7284	0.7284
5	7-1-2023	9-30-2023	0.7364	0.7364
6	10-1-2023	12-31-2023	1.2061	1.2061
7	1-1-2024	3-31-2024	2.2371	2.2371
8	4-1-2024	6-30-2024	2.3701	2.3701



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9	7-1-2024	9-30-2024	0.6944	0.6944
10	10-1-2024	12-31-2024	0.7010	0.7010
11	1-1-2025	3-31-2025	0.6438	0.6438
12	4-1-2025	6-30-2025	1.1733	1.1733
13	7-1-2025	9-30-2025	1.1862	1.1862
		Highest	2.3701	2.3701

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4639	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.2454	1.0217	2.9330	0.0104	1.1161	8.9900e-003	1.1250	0.2985	8.3900e-003	0.3069	0.0000	958.5726	958.5726	0.0323	0.0000	959.3788
Waste						0.0000	0.0000		0.0000	0.0000	31.1104	0.0000	31.1104	1.8386	0.0000	77.0747
Water						0.0000	0.0000		0.0000	0.0000	4.4524	0.0000	4.4524	0.4573	0.0108	19.1029
<b>Total</b>	<b>1.7092</b>	<b>1.0656</b>	<b>6.7489</b>	<b>0.0106</b>	<b>1.1161</b>	<b>0.0302</b>	<b>1.1462</b>	<b>0.2985</b>	<b>0.0296</b>	<b>0.3281</b>	<b>35.5628</b>	<b>964.8142</b>	<b>1,000.3770</b>	<b>2.3341</b>	<b>0.0108</b>	<b>1,061.9480</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	1.4639	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.2454	1.0217	2.9330	0.0104	1.1161	8.9900e-003	1.1250	0.2985	8.3900e-003	0.3069	0.0000	958.5726	958.5726	0.0323	0.0000	959.3788
Waste						0.0000	0.0000		0.0000	0.0000	31.1104	0.0000	31.1104	1.8386	0.0000	77.0747
Water						0.0000	0.0000		0.0000	0.0000	3.5619	0.0000	3.5619	0.3658	8.6400e-003	15.2823
<b>Total</b>	<b>1.7092</b>	<b>1.0656</b>	<b>6.7489</b>	<b>0.0106</b>	<b>1.1161</b>	<b>0.0302</b>	<b>1.1462</b>	<b>0.2985</b>	<b>0.0296</b>	<b>0.3281</b>	<b>34.6723</b>	<b>964.8142</b>	<b>999.4865</b>	<b>2.2427</b>	<b>8.6400e-003</b>	<b>1,058.1275</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	2.50	0.00	0.09	3.92	20.00	0.36

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - 1	Site Preparation	7/1/2022	11/15/2022	5	98	
2	Grading - 1	Grading	11/16/2022	3/31/2023	5	98	
3	Building Construction - 1 and 2	Building Construction	1/1/2023	12/31/2025	5	783	
4	Architectural Coating - 1	Architectural Coating	10/1/2023	6/28/2024	5	195	
5	Site Preparation - 2	Site Preparation	1/1/2024	3/29/2024	5	65	
6	Grading - 2	Grading	4/1/2024	6/28/2024	5	65	
7	Paving - 1	Paving	6/1/2024	6/28/2024	5	20	
8	Architectural Coating - 2	Architectural Coating	4/1/2025	12/31/2025	5	197	
9	Paving - 2	Paving	12/1/2025	12/26/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.2

Residential Indoor: 244,717; Residential Outdoor: 81,572; Non-Residential Indoor: 3,375; Non-Residential Outdoor: 1,125; Striped Parking Area: 10,992 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 1	Excavators	2	8.00	158	0.38
Grading - 1	Graders	1	8.00	187	0.41
Grading - 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 1	Scrapers	2	8.00	367	0.48
Grading - 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37

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Building Construction - 1 and 2	Cranes	1	7.00	231	0.29
Building Construction - 1 and 2	Forklifts	3	8.00	89	0.20
Building Construction - 1 and 2	Generator Sets	1	8.00	84	0.74
Building Construction - 1 and 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - 1 and 2	Welders	1	8.00	46	0.45
Architectural Coating - 1	Air Compressors	1	6.00	78	0.48
Site Preparation - 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 2	Excavators	2	8.00	158	0.38
Grading - 2	Graders	1	8.00	187	0.41
Grading - 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 2	Scrapers	2	8.00	367	0.48
Grading - 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving - 1	Pavers	2	8.00	130	0.42
Paving - 1	Paving Equipment	2	8.00	132	0.36
Paving - 1	Rollers	2	8.00	80	0.38
Architectural Coating - 2	Air Compressors	1	6.00	78	0.48
Paving - 2	Pavers	2	8.00	130	0.42
Paving - 2	Paving Equipment	2	8.00	132	0.36
Paving - 2	Rollers	2	8.00	80	0.38

**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
Site Preparation - 1	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 1	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - 1 and 2	9	283.00	62.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 1	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - 2	7	18.00	0.00	1,500.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 2	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 1	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 2	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 2	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8853	0.0000	0.8853	0.4866	0.0000	0.4866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1553	1.6211	0.9652	1.8600e-003		0.0790	0.0790		0.0727	0.0727	0.0000	163.8530	163.8530	0.0530	0.0000	165.1779
<b>Total</b>	<b>0.1553</b>	<b>1.6211</b>	<b>0.9652</b>	<b>1.8600e-003</b>	<b>0.8853</b>	<b>0.0790</b>	<b>0.9643</b>	<b>0.4866</b>	<b>0.0727</b>	<b>0.5593</b>	<b>0.0000</b>	<b>163.8530</b>	<b>163.8530</b>	<b>0.0530</b>	<b>0.0000</b>	<b>165.1779</b>

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**3.2 Site Preparation - 1 - 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	3.3800e-003	2.8200e-003	0.0252	7.0000e-005	8.4900e-003	5.0000e-005	8.5400e-003	2.2600e-003	5.0000e-005	2.3000e-003	0.0000	6.6163	6.6163	1.9000e-004	0.0000	6.6210
<b>Total</b>	<b>3.3800e-003</b>	<b>2.8200e-003</b>	<b>0.0252</b>	<b>7.0000e-005</b>	<b>8.4900e-003</b>	<b>5.0000e-005</b>	<b>8.5400e-003</b>	<b>2.2600e-003</b>	<b>5.0000e-005</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>6.6163</b>	<b>6.6163</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>6.6210</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					0.8853	0.0000	0.8853	0.4866	0.0000	0.4866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1553	1.6211	0.9652	1.8600e-003		0.0790	0.0790		0.0727	0.0727	0.0000	163.8528	163.8528	0.0530	0.0000	165.1777
<b>Total</b>	<b>0.1553</b>	<b>1.6211</b>	<b>0.9652</b>	<b>1.8600e-003</b>	<b>0.8853</b>	<b>0.0790</b>	<b>0.9643</b>	<b>0.4866</b>	<b>0.0727</b>	<b>0.5593</b>	<b>0.0000</b>	<b>163.8528</b>	<b>163.8528</b>	<b>0.0530</b>	<b>0.0000</b>	<b>165.1777</b>

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**3.2 Site Preparation - 1 - 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	3.3800e-003	2.8200e-003	0.0252	7.0000e-005	8.4900e-003	5.0000e-005	8.5400e-003	2.2600e-003	5.0000e-005	2.3000e-003	0.0000	6.6163	6.6163	1.9000e-004	0.0000	6.6210
<b>Total</b>	<b>3.3800e-003</b>	<b>2.8200e-003</b>	<b>0.0252</b>	<b>7.0000e-005</b>	<b>8.4900e-003</b>	<b>5.0000e-005</b>	<b>8.5400e-003</b>	<b>2.2600e-003</b>	<b>5.0000e-005</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>6.6163</b>	<b>6.6163</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>6.6210</b>

**3.3 Grading - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2293	0.0000	0.2293	0.0687	0.0000	0.0687	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0598	0.6409	0.4792	1.0200e-003		0.0270	0.0270		0.0248	0.0248	0.0000	89.9821	89.9821	0.0291	0.0000	90.7096
<b>Total</b>	<b>0.0598</b>	<b>0.6409</b>	<b>0.4792</b>	<b>1.0200e-003</b>	<b>0.2293</b>	<b>0.0270</b>	<b>0.2563</b>	<b>0.0687</b>	<b>0.0248</b>	<b>0.0935</b>	<b>0.0000</b>	<b>89.9821</b>	<b>89.9821</b>	<b>0.0291</b>	<b>0.0000</b>	<b>90.7096</b>

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**3.3 Grading - 1 - 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	1.2600e-003	1.0500e-003	9.4200e-003	3.0000e-005	3.1800e-003	2.0000e-005	3.2000e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.4755	2.4755	7.0000e-005	0.0000	2.4772
<b>Total</b>	<b>1.2600e-003</b>	<b>1.0500e-003</b>	<b>9.4200e-003</b>	<b>3.0000e-005</b>	<b>3.1800e-003</b>	<b>2.0000e-005</b>	<b>3.2000e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.4755</b>	<b>2.4755</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.4772</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					0.2293	0.0000	0.2293	0.0687	0.0000	0.0687	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0598	0.6409	0.4792	1.0200e-003		0.0270	0.0270		0.0248	0.0248	0.0000	89.9820	89.9820	0.0291	0.0000	90.7095
<b>Total</b>	<b>0.0598</b>	<b>0.6409</b>	<b>0.4792</b>	<b>1.0200e-003</b>	<b>0.2293</b>	<b>0.0270</b>	<b>0.2563</b>	<b>0.0687</b>	<b>0.0248</b>	<b>0.0935</b>	<b>0.0000</b>	<b>89.9820</b>	<b>89.9820</b>	<b>0.0291</b>	<b>0.0000</b>	<b>90.7095</b>



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**3.3 Grading - 1 - 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	1.2600e-003	1.0500e-003	9.4200e-003	3.0000e-005	3.1800e-003	2.0000e-005	3.2000e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.4755	2.4755	7.0000e-005	0.0000	2.4772
<b>Total</b>	<b>1.2600e-003</b>	<b>1.0500e-003</b>	<b>9.4200e-003</b>	<b>3.0000e-005</b>	<b>3.1800e-003</b>	<b>2.0000e-005</b>	<b>3.2000e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.4755</b>	<b>2.4755</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.4772</b>

**3.3 Grading - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3256	0.0000	0.3256	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1080	1.1218	0.9117	2.0200e-003		0.0463	0.0463		0.0426	0.0426	0.0000	177.2394	177.2394	0.0573	0.0000	178.6725
<b>Total</b>	<b>0.1080</b>	<b>1.1218</b>	<b>0.9117</b>	<b>2.0200e-003</b>	<b>0.3256</b>	<b>0.0463</b>	<b>0.3719</b>	<b>0.1216</b>	<b>0.0426</b>	<b>0.1642</b>	<b>0.0000</b>	<b>177.2394</b>	<b>177.2394</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6725</b>

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**3.3 Grading - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8700e-003	0.0170	5.0000e-005	6.2600e-003	4.0000e-005	6.3000e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.6931	4.6931	1.2000e-004	0.0000	4.6962
<b>Total</b>	<b>2.3400e-003</b>	<b>1.8700e-003</b>	<b>0.0170</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.3000e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.6931</b>	<b>4.6931</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>4.6962</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					0.3256	0.0000	0.3256	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1080	1.1218	0.9117	2.0200e-003		0.0463	0.0463		0.0426	0.0426	0.0000	177.2392	177.2392	0.0573	0.0000	178.6723
<b>Total</b>	<b>0.1080</b>	<b>1.1218</b>	<b>0.9117</b>	<b>2.0200e-003</b>	<b>0.3256</b>	<b>0.0463</b>	<b>0.3719</b>	<b>0.1216</b>	<b>0.0426</b>	<b>0.1642</b>	<b>0.0000</b>	<b>177.2392</b>	<b>177.2392</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6723</b>

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**3.3 Grading - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8700e-003	0.0170	5.0000e-005	6.2600e-003	4.0000e-005	6.3000e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.6931	4.6931	1.2000e-004	0.0000	4.6962
<b>Total</b>	<b>2.3400e-003</b>	<b>1.8700e-003</b>	<b>0.0170</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.3000e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.6931</b>	<b>4.6931</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>4.6962</b>

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0174	0.6011	0.1823	1.5500e-003	0.0366	8.9000e-004	0.0375	0.0106	8.5000e-004	0.0114	0.0000	150.5694	150.5694	7.9800e-003	0.0000	150.7690
Worker	0.1323	0.1056	0.9594	2.9400e-003	0.3542	2.1300e-003	0.3563	0.0941	1.9700e-003	0.0961	0.0000	265.6300	265.6300	6.9300e-003	0.0000	265.8033
<b>Total</b>	<b>0.1496</b>	<b>0.7067</b>	<b>1.1418</b>	<b>4.4900e-003</b>	<b>0.3908</b>	<b>3.0200e-003</b>	<b>0.3938</b>	<b>0.1047</b>	<b>2.8200e-003</b>	<b>0.1075</b>	<b>0.0000</b>	<b>416.1994</b>	<b>416.1994</b>	<b>0.0149</b>	<b>0.0000</b>	<b>416.5723</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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.4 Building Construction - 1 and 2 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0174	0.6011	0.1823	1.5500e-003	0.0366	8.9000e-004	0.0375	0.0106	8.5000e-004	0.0114	0.0000	150.5694	150.5694	7.9800e-003	0.0000	150.7690
Worker	0.1323	0.1056	0.9594	2.9400e-003	0.3542	2.1300e-003	0.3563	0.0941	1.9700e-003	0.0961	0.0000	265.6300	265.6300	6.9300e-003	0.0000	265.8033
<b>Total</b>	<b>0.1496</b>	<b>0.7067</b>	<b>1.1418</b>	<b>4.4900e-003</b>	<b>0.3908</b>	<b>3.0200e-003</b>	<b>0.3938</b>	<b>0.1047</b>	<b>2.8200e-003</b>	<b>0.1075</b>	<b>0.0000</b>	<b>416.1994</b>	<b>416.1994</b>	<b>0.0149</b>	<b>0.0000</b>	<b>416.5723</b>

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0166	0.5921	0.1727	1.5600e-003	0.0369	8.3000e-004	0.0378	0.0107	7.9000e-004	0.0115	0.0000	150.8958	150.8958	8.0900e-003	0.0000	151.0979
Worker	0.1257	0.0961	0.8912	2.8400e-003	0.3569	2.1000e-003	0.3590	0.0949	1.9300e-003	0.0968	0.0000	257.2671	257.2671	6.2700e-003	0.0000	257.4238
<b>Total</b>	<b>0.1423</b>	<b>0.6881</b>	<b>1.0639</b>	<b>4.4000e-003</b>	<b>0.3938</b>	<b>2.9300e-003</b>	<b>0.3968</b>	<b>0.1055</b>	<b>2.7200e-003</b>	<b>0.1082</b>	<b>0.0000</b>	<b>408.1628</b>	<b>408.1628</b>	<b>0.0144</b>	<b>0.0000</b>	<b>408.5217</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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.4 Building Construction - 1 and 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0166	0.5921	0.1727	1.5600e-003	0.0369	8.3000e-004	0.0378	0.0107	7.9000e-004	0.0115	0.0000	150.8958	150.8958	8.0900e-003	0.0000	151.0979
Worker	0.1257	0.0961	0.8912	2.8400e-003	0.3569	2.1000e-003	0.3590	0.0949	1.9300e-003	0.0968	0.0000	257.2671	257.2671	6.2700e-003	0.0000	257.4238
<b>Total</b>	<b>0.1423</b>	<b>0.6881</b>	<b>1.0639</b>	<b>4.4000e-003</b>	<b>0.3938</b>	<b>2.9300e-003</b>	<b>0.3968</b>	<b>0.1055</b>	<b>2.7200e-003</b>	<b>0.1082</b>	<b>0.0000</b>	<b>408.1628</b>	<b>408.1628</b>	<b>0.0144</b>	<b>0.0000</b>	<b>408.5217</b>

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0157	0.5773	0.1634	1.5400e-003	0.0368	7.6000e-004	0.0376	0.0106	7.3000e-004	0.0114	0.0000	149.5375	149.5375	8.0900e-003	0.0000	149.7398
Worker	0.1185	0.0866	0.8183	2.7200e-003	0.3555	2.0500e-003	0.3576	0.0945	1.8800e-003	0.0964	0.0000	246.0141	246.0141	5.6200e-003	0.0000	246.1546
<b>Total</b>	<b>0.1342</b>	<b>0.6639</b>	<b>0.9817</b>	<b>4.2600e-003</b>	<b>0.3923</b>	<b>2.8100e-003</b>	<b>0.3951</b>	<b>0.1051</b>	<b>2.6100e-003</b>	<b>0.1077</b>	<b>0.0000</b>	<b>395.5516</b>	<b>395.5516</b>	<b>0.0137</b>	<b>0.0000</b>	<b>395.8944</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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.4 Building Construction - 1 and 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0157	0.5773	0.1634	1.5400e-003	0.0368	7.6000e-004	0.0376	0.0106	7.3000e-004	0.0114	0.0000	149.5375	149.5375	8.0900e-003	0.0000	149.7398
Worker	0.1185	0.0866	0.8183	2.7200e-003	0.3555	2.0500e-003	0.3576	0.0945	1.8800e-003	0.0964	0.0000	246.0141	246.0141	5.6200e-003	0.0000	246.1546
<b>Total</b>	<b>0.1342</b>	<b>0.6639</b>	<b>0.9817</b>	<b>4.2600e-003</b>	<b>0.3923</b>	<b>2.8100e-003</b>	<b>0.3951</b>	<b>0.1051</b>	<b>2.6100e-003</b>	<b>0.1077</b>	<b>0.0000</b>	<b>395.5516</b>	<b>395.5516</b>	<b>0.0137</b>	<b>0.0000</b>	<b>395.8944</b>

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2300e-003	0.0424	0.0589	1.0000e-004		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	8.2981	8.2981	5.0000e-004	0.0000	8.3105
<b>Total</b>	<b>0.4023</b>	<b>0.0424</b>	<b>0.0589</b>	<b>1.0000e-004</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>8.2981</b>	<b>8.2981</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>8.3105</b>

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**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6600e-003	5.3200e-003	0.0483	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7400e-003	1.0000e-004	4.8400e-003	0.0000	13.3754	13.3754	3.5000e-004	0.0000	13.3841
<b>Total</b>	<b>6.6600e-003</b>	<b>5.3200e-003</b>	<b>0.0483</b>	<b>1.5000e-004</b>	<b>0.0178</b>	<b>1.1000e-004</b>	<b>0.0179</b>	<b>4.7400e-003</b>	<b>1.0000e-004</b>	<b>4.8400e-003</b>	<b>0.0000</b>	<b>13.3754</b>	<b>13.3754</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>13.3841</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	0.3960					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2300e-003	0.0424	0.0589	1.0000e-004		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	8.2981	8.2981	5.0000e-004	0.0000	8.3105
<b>Total</b>	<b>0.4023</b>	<b>0.0424</b>	<b>0.0589</b>	<b>1.0000e-004</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>8.2981</b>	<b>8.2981</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>8.3105</b>

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**3.5 Architectural Coating - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6600e-003	5.3200e-003	0.0483	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7400e-003	1.0000e-004	4.8400e-003	0.0000	13.3754	13.3754	3.5000e-004	0.0000	13.3841
<b>Total</b>	<b>6.6600e-003</b>	<b>5.3200e-003</b>	<b>0.0483</b>	<b>1.5000e-004</b>	<b>0.0178</b>	<b>1.1000e-004</b>	<b>0.0179</b>	<b>4.7400e-003</b>	<b>1.0000e-004</b>	<b>4.8400e-003</b>	<b>0.0000</b>	<b>13.3754</b>	<b>13.3754</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>13.3841</b>

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7921					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0792	0.1177	1.9000e-004		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	16.5962	16.5962	9.3000e-004	0.0000	16.6195
<b>Total</b>	<b>0.8038</b>	<b>0.0792</b>	<b>0.1177</b>	<b>1.9000e-004</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>16.5962</b>	<b>16.5962</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>16.6195</b>

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**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	9.6000e-003	0.0891	2.8000e-004	0.0357	2.1000e-004	0.0359	9.4800e-003	1.9000e-004	9.6700e-003	0.0000	25.7107	25.7107	6.3000e-004	0.0000	25.7264
<b>Total</b>	<b>0.0126</b>	<b>9.6000e-003</b>	<b>0.0891</b>	<b>2.8000e-004</b>	<b>0.0357</b>	<b>2.1000e-004</b>	<b>0.0359</b>	<b>9.4800e-003</b>	<b>1.9000e-004</b>	<b>9.6700e-003</b>	<b>0.0000</b>	<b>25.7107</b>	<b>25.7107</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>25.7264</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	0.7921					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0792	0.1177	1.9000e-004		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	16.5961	16.5961	9.3000e-004	0.0000	16.6195
<b>Total</b>	<b>0.8038</b>	<b>0.0792</b>	<b>0.1177</b>	<b>1.9000e-004</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>16.5961</b>	<b>16.5961</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>16.6195</b>

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**3.5 Architectural Coating - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	9.6000e-003	0.0891	2.8000e-004	0.0357	2.1000e-004	0.0359	9.4800e-003	1.9000e-004	9.6700e-003	0.0000	25.7107	25.7107	6.3000e-004	0.0000	25.7264
<b>Total</b>	<b>0.0126</b>	<b>9.6000e-003</b>	<b>0.0891</b>	<b>2.8000e-004</b>	<b>0.0357</b>	<b>2.1000e-004</b>	<b>0.0359</b>	<b>9.4800e-003</b>	<b>1.9000e-004</b>	<b>9.6700e-003</b>	<b>0.0000</b>	<b>25.7107</b>	<b>25.7107</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>25.7264</b>

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5883	0.0000	0.5883	0.3229	0.0000	0.3229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.8832	0.5959	1.2400e-003		0.0400	0.0400		0.0368	0.0368	0.0000	108.7355	108.7355	0.0352	0.0000	109.6146
<b>Total</b>	<b>0.0865</b>	<b>0.8832</b>	<b>0.5959</b>	<b>1.2400e-003</b>	<b>0.5883</b>	<b>0.0400</b>	<b>0.6282</b>	<b>0.3229</b>	<b>0.0368</b>	<b>0.3597</b>	<b>0.0000</b>	<b>108.7355</b>	<b>108.7355</b>	<b>0.0352</b>	<b>0.0000</b>	<b>109.6146</b>

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**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9200e-003	0.1391	0.0427	5.5000e-004	0.0128	3.5000e-004	0.0132	3.5200e-003	3.3000e-004	3.8500e-003	0.0000	54.4586	54.4586	3.2700e-003	0.0000	54.5404
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	1.9800e-003	1.5200e-003	0.0141	4.0000e-005	5.6300e-003	3.0000e-005	5.6600e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.0596	4.0596	1.0000e-004	0.0000	4.0621
<b>Total</b>	<b>5.9000e-003</b>	<b>0.1406</b>	<b>0.0567</b>	<b>5.9000e-004</b>	<b>0.0184</b>	<b>3.8000e-004</b>	<b>0.0188</b>	<b>5.0200e-003</b>	<b>3.6000e-004</b>	<b>5.3800e-003</b>	<b>0.0000</b>	<b>58.5182</b>	<b>58.5182</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>58.6024</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					0.5883	0.0000	0.5883	0.3229	0.0000	0.3229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.8832	0.5959	1.2400e-003		0.0400	0.0400		0.0368	0.0368	0.0000	108.7353	108.7353	0.0352	0.0000	109.6145
<b>Total</b>	<b>0.0865</b>	<b>0.8832</b>	<b>0.5959</b>	<b>1.2400e-003</b>	<b>0.5883</b>	<b>0.0400</b>	<b>0.6282</b>	<b>0.3229</b>	<b>0.0368</b>	<b>0.3597</b>	<b>0.0000</b>	<b>108.7353</b>	<b>108.7353</b>	<b>0.0352</b>	<b>0.0000</b>	<b>109.6145</b>

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**3.6 Site Preparation - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9200e-003	0.1391	0.0427	5.5000e-004	0.0128	3.5000e-004	0.0132	3.5200e-003	3.3000e-004	3.8500e-003	0.0000	54.4586	54.4586	3.2700e-003	0.0000	54.5404
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	1.9800e-003	1.5200e-003	0.0141	4.0000e-005	5.6300e-003	3.0000e-005	5.6600e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.0596	4.0596	1.0000e-004	0.0000	4.0621
<b>Total</b>	<b>5.9000e-003</b>	<b>0.1406</b>	<b>0.0567</b>	<b>5.9000e-004</b>	<b>0.0184</b>	<b>3.8000e-004</b>	<b>0.0188</b>	<b>5.0200e-003</b>	<b>3.6000e-004</b>	<b>5.3800e-003</b>	<b>0.0000</b>	<b>58.5182</b>	<b>58.5182</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>58.6024</b>

**3.7 Grading - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2819	0.0000	0.2819	0.1169	0.0000	0.1169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1046	1.0523	0.9010	2.0200e-003		0.0434	0.0434		0.0399	0.0399	0.0000	177.1885	177.1885	0.0573	0.0000	178.6211
<b>Total</b>	<b>0.1046</b>	<b>1.0523</b>	<b>0.9010</b>	<b>2.0200e-003</b>	<b>0.2819</b>	<b>0.0434</b>	<b>0.3253</b>	<b>0.1169</b>	<b>0.0399</b>	<b>0.1568</b>	<b>0.0000</b>	<b>177.1885</b>	<b>177.1885</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6211</b>

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**3.7 Grading - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.6800e-003	0.0156	5.0000e-005	6.2600e-003	4.0000e-005	6.2900e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.5107	4.5107	1.1000e-004	0.0000	4.5134
<b>Total</b>	<b>2.2000e-003</b>	<b>1.6800e-003</b>	<b>0.0156</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.2900e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.5107</b>	<b>4.5107</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.5134</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					0.2819	0.0000	0.2819	0.1169	0.0000	0.1169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1046	1.0523	0.9010	2.0200e-003		0.0434	0.0434		0.0399	0.0399	0.0000	177.1882	177.1882	0.0573	0.0000	178.6209
<b>Total</b>	<b>0.1046</b>	<b>1.0523</b>	<b>0.9010</b>	<b>2.0200e-003</b>	<b>0.2819</b>	<b>0.0434</b>	<b>0.3253</b>	<b>0.1169</b>	<b>0.0399</b>	<b>0.1568</b>	<b>0.0000</b>	<b>177.1882</b>	<b>177.1882</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6209</b>



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**3.7 Grading - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.6800e-003	0.0156	5.0000e-005	6.2600e-003	4.0000e-005	6.2900e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.5107	4.5107	1.1000e-004	0.0000	4.5134
<b>Total</b>	<b>2.2000e-003</b>	<b>1.6800e-003</b>	<b>0.0156</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.2900e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.5107</b>	<b>4.5107</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.5134</b>

**3.8 Paving - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0101</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1885</b>

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**3.8 Paving - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.9000e-004	3.6100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0409	1.0409	3.0000e-005	0.0000	1.0416
<b>Total</b>	<b>5.1000e-004</b>	<b>3.9000e-004</b>	<b>3.6100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0416</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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0101</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1884</b>

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**3.8 Paving - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.9000e-004	3.6100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0409	1.0409	3.0000e-005	0.0000	1.0416
<b>Total</b>	<b>5.1000e-004</b>	<b>3.9000e-004</b>	<b>3.6100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0416</b>

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4426					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1128	0.1782	2.9000e-004		5.0700e-003	5.0700e-003		5.0700e-003	5.0700e-003	0.0000	25.1496	25.1496	1.3700e-003	0.0000	25.1839
<b>Total</b>	<b>1.4595</b>	<b>0.1128</b>	<b>0.1782</b>	<b>2.9000e-004</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>	<b>0.0000</b>	<b>25.1496</b>	<b>25.1496</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>25.1839</b>

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**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0180	0.0132	0.1244	4.1000e-004	0.0541	3.1000e-004	0.0544	0.0144	2.9000e-004	0.0147	0.0000	37.4002	37.4002	8.5000e-004	0.0000	37.4216
<b>Total</b>	<b>0.0180</b>	<b>0.0132</b>	<b>0.1244</b>	<b>4.1000e-004</b>	<b>0.0541</b>	<b>3.1000e-004</b>	<b>0.0544</b>	<b>0.0144</b>	<b>2.9000e-004</b>	<b>0.0147</b>	<b>0.0000</b>	<b>37.4002</b>	<b>37.4002</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>37.4216</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4426					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1128	0.1782	2.9000e-004		5.0700e-003	5.0700e-003		5.0700e-003	5.0700e-003	0.0000	25.1495	25.1495	1.3700e-003	0.0000	25.1838
<b>Total</b>	<b>1.4595</b>	<b>0.1128</b>	<b>0.1782</b>	<b>2.9000e-004</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>	<b>0.0000</b>	<b>25.1495</b>	<b>25.1495</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>25.1838</b>

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**3.9 Architectural Coating - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0180	0.0132	0.1244	4.1000e-004	0.0541	3.1000e-004	0.0544	0.0144	2.9000e-004	0.0147	0.0000	37.4002	37.4002	8.5000e-004	0.0000	37.4216
<b>Total</b>	<b>0.0180</b>	<b>0.0132</b>	<b>0.1244</b>	<b>4.1000e-004</b>	<b>0.0541</b>	<b>3.1000e-004</b>	<b>0.0544</b>	<b>0.0144</b>	<b>2.9000e-004</b>	<b>0.0147</b>	<b>0.0000</b>	<b>37.4002</b>	<b>37.4002</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>37.4216</b>

**3.10 Paving - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>9.4100e-003</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0193</b>	<b>20.0193</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>

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**3.10 Paving - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
<b>Total</b>	<b>4.8000e-004</b>	<b>3.5000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>0.9992</b>	<b>0.9992</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9998</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	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>9.4100e-003</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0192</b>	<b>20.0192</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**3.10 Paving - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
<b>Total</b>	<b>4.8000e-004</b>	<b>3.5000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>0.9992</b>	<b>0.9992</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9998</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2454	1.0217	2.9330	0.0104	1.1161	8.9900e-003	1.1250	0.2985	8.3900e-003	0.3069	0.0000	958.5726	958.5726	0.0323	0.0000	959.3788
Unmitigated	0.2454	1.0217	2.9330	0.0104	1.1161	8.9900e-003	1.1250	0.2985	8.3900e-003	0.3069	0.0000	958.5726	958.5726	0.0323	0.0000	959.3788

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	862.40	1,206.80	960.40	1,920,435	1,920,435
General Office Building	127.38	30.75	13.13	894,887	894,887
Health Club	22.93	5.54	2.36	161,080	161,080
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>1,012.70</b>	<b>1,243.09</b>	<b>975.89</b>	<b>2,976,401</b>	<b>2,976,401</b>

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
Condo/Townhouse High Rise	5.70	5.70	5.70	35.80	21.00	43.20	100	0	0
General Office Building	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Health Club	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix









600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	855148	0.0000	0.0000	0.0000	0.0000
General Office Building	185500	0.0000	0.0000	0.0000	0.0000
Health Club	18585	0.0000	0.0000	0.0000	0.0000
Parking Lot	64120	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	855148	0.0000	0.0000	0.0000	0.0000
General Office Building	185500	0.0000	0.0000	0.0000	0.0000
Health Club	18585	0.0000	0.0000	0.0000	0.0000
Parking Lot	64120	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4639	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917
Unmitigated	1.4639	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917

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	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0896					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1151	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917
<b>Total</b>	<b>1.4639</b>	<b>0.0439</b>	<b>3.8159</b>	<b>2.0000e-004</b>		<b>0.0212</b>	<b>0.0212</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>6.2416</b>	<b>6.2416</b>	<b>6.0000e-003</b>	<b>0.0000</b>	<b>6.3917</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0896					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1151	0.0439	3.8159	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	6.0000e-003	0.0000	6.3917
<b>Total</b>	<b>1.4639</b>	<b>0.0439</b>	<b>3.8159</b>	<b>2.0000e-004</b>		<b>0.0212</b>	<b>0.0212</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>6.2416</b>	<b>6.2416</b>	<b>6.0000e-003</b>	<b>0.0000</b>	<b>6.3917</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.5619	0.3658	8.6400e-003	15.2823
Unmitigated	4.4524	0.4573	0.0108	19.1029

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	14.0343 / 13.6657	4.4524	0.4573	0.0108	19.1029
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>4.4524</b>	<b>0.4573</b>	<b>0.0108</b>	<b>19.1029</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	11.2274 / 13.6657	3.5619	0.3658	8.6400e-003	15.2823
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>3.5619</b>	<b>0.3658</b>	<b>8.6400e-003</b>	<b>15.2823</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	31.1104	1.8386	0.0000	77.0747
Unmitigated	31.1104	1.8386	0.0000	77.0747

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	128.8	26.1452	1.5451	0.0000	64.7737
General Office Building	11.63	2.3608	0.1395	0.0000	5.8487
Health Club	12.83	2.6044	0.1539	0.0000	6.4522
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>31.1104</b>	<b>1.8386</b>	<b>0.0000</b>	<b>77.0747</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	128.8	26.1452	1.5451	0.0000	64.7737
General Office Building	11.63	2.3608	0.1395	0.0000	5.8487
Health Club	12.83	2.6044	0.1539	0.0000	6.4522
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>31.1104</b>	<b>1.8386</b>	<b>0.0000</b>	<b>77.0747</b>

**9.0 Operational Offroad**

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

**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**

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

Equipment Type	Number
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## 11.0 Vegetation

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600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**600 Tank Farm Road**  
**San Luis Obispo County APCD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	12.50	1000sqft	0.00	12,500.00	0
Parking Lot	458.00	Space	0.20	183,200.00	0
Health Club	2.25	1000sqft	0.00	2,250.00	0
Condo/Townhouse High Rise	280.00	Dwelling Unit	10.90	261,200.00	622

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

Project Characteristics - Utility Factors modified per C3E assumed to be 100% renewable by 2030

Land Use - SF and lot acreage per Project Description, pop projection per 2.22 persons/unit rate

Construction Phase - Per phased construction schedule; building phase combined (continuous across both phases)

Trips and VMT -

Grading -

Architectural Coating - SLOAPCD Rule 433; sf revised per phased construction

Vehicle Trips - Weekday trip generation rates per Traffic Memo; trip length per total VMT (8,152 daily miles); all trips primary trips

Road Dust - Road Dust per CalEEMod User Guide

Area Coating - SLOAPCD Rule 433

Energy Use - Commercial energy use reduced 30% per 2019 Title 24, solar for condos/townhomes, no nat gas per City's Clean Energy Choice

Water And Wastewater - Adjusted to match City-specific rates

Solid Waste -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation - Indoor water use reduced per 2016 CalGreen

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	6,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	1,125.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	18,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	3,375.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	94,751.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	81,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	284,253.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	244,717.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00

## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	197.00
tblConstructionPhase	NumDays	300.00	783.00
tblConstructionPhase	NumDays	30.00	98.00
tblConstructionPhase	NumDays	30.00	65.00
tblConstructionPhase	NumDays	10.00	98.00
tblConstructionPhase	NumDays	10.00	65.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	3.88	2.72
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	332.81	0.00
tblEnergyUse	T24E	6.11	4.28
tblEnergyUse	T24NG	5,484.45	0.00
tblEnergyUse	T24NG	16.31	0.00

## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

tblEnergyUse	T24NG	19.71	0.00
tblGrading	MaterialImported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	280,000.00	261,200.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	4.12	0.20
tblLandUse	LotAcreage	0.05	0.00
tblLandUse	LotAcreage	4.38	10.90
tblLandUse	Population	801.00	622.00
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TTP	64.10	48.00
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TTP	16.90	33.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	HO_TL	5.00	5.70
tblVehicleTrips	HS_TL	5.00	5.70
tblVehicleTrips	HW_TL	13.00	5.70
tblVehicleTrips	PB_TP	3.00	0.00



## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	ST_TR	20.87	2.46
tblVehicleTrips	SU_TR	26.73	1.05
tblVehicleTrips	WD_TR	4.18	3.08
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	32.93	10.19
tblWater	IndoorWaterUseRate	18,243,127.17	14,034,250.00
tblWater	IndoorWaterUseRate	2,221,671.85	0.00
tblWater	IndoorWaterUseRate	133,072.07	0.00
tblWater	OutdoorWaterUseRate	11,501,101.91	13,665,750.00
tblWater	OutdoorWaterUseRate	1,361,669.84	0.00
tblWater	OutdoorWaterUseRate	81,560.30	0.00

## 2.0 Emissions Summary

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600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.6996	38.9009	29.6331	0.0638	18.2442	1.6361	19.8579	9.9779	1.5052	11.4624	0.0000	6,183.509 2	6,183.509 2	1.9490	0.0000	6,232.234 8
2023	15.2723	54.2846	53.8127	0.1263	11.9568	2.1485	14.1053	4.4739	1.9916	6.4655	0.0000	12,370.16 48	12,370.16 48	2.6829	0.0000	12,437.23 74
2024	19.4321	61.9378	70.9327	0.1568	22.3308	2.5056	24.2714	11.0680	2.3229	12.8715	0.0000	15,326.36 91	15,326.36 91	3.4163	0.0000	15,411.77 68
2025	18.3509	27.3519	41.8328	0.0919	3.7976	1.0230	4.8206	1.0138	0.9564	1.9702	0.0000	9,037.423 6	9,037.423 6	1.4581	0.0000	9,073.877 2
<b>Maximum</b>	<b>19.4321</b>	<b>61.9378</b>	<b>70.9327</b>	<b>0.1568</b>	<b>22.3308</b>	<b>2.5056</b>	<b>24.2714</b>	<b>11.0680</b>	<b>2.3229</b>	<b>12.8715</b>	<b>0.0000</b>	<b>15,326.36 91</b>	<b>15,326.36 91</b>	<b>3.4163</b>	<b>0.0000</b>	<b>15,411.77 68</b>



600 Tank Farm Road - San Luis Obispo County APCD 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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.8695	7.0701	21.2392	0.0774	8.2208	0.0645	8.2853	2.1942	0.0602	2.2544		7,831.9490	7,831.9490	0.2554		7,838.3349
<b>Total</b>	<b>9.9576</b>	<b>7.3364</b>	<b>44.3658</b>	<b>0.0786</b>	<b>8.2208</b>	<b>0.1927</b>	<b>8.4135</b>	<b>2.1942</b>	<b>0.1884</b>	<b>2.3826</b>	<b>0.0000</b>	<b>7,873.6471</b>	<b>7,873.6471</b>	<b>0.2955</b>	<b>0.0000</b>	<b>7,881.0355</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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.8695	7.0701	21.2392	0.0774	8.2208	0.0645	8.2853	2.1942	0.0602	2.2544		7,831.9490	7,831.9490	0.2554		7,838.3349
<b>Total</b>	<b>9.9576</b>	<b>7.3364</b>	<b>44.3658</b>	<b>0.0786</b>	<b>8.2208</b>	<b>0.1927</b>	<b>8.4135</b>	<b>2.1942</b>	<b>0.1884</b>	<b>2.3826</b>	<b>0.0000</b>	<b>7,873.6471</b>	<b>7,873.6471</b>	<b>0.2955</b>	<b>0.0000</b>	<b>7,881.0355</b>

600 Tank Farm Road - San Luis Obispo County APCD 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	Site Preparation - 1	Site Preparation	7/1/2022	11/15/2022	5	98	
2	Grading - 1	Grading	11/16/2022	3/31/2023	5	98	
3	Building Construction - 1 and 2	Building Construction	1/1/2023	12/31/2025	5	783	
4	Architectural Coating - 1	Architectural Coating	10/1/2023	6/28/2024	5	195	
5	Site Preparation - 2	Site Preparation	1/1/2024	3/29/2024	5	65	
6	Grading - 2	Grading	4/1/2024	6/28/2024	5	65	
7	Paving - 1	Paving	6/1/2024	6/28/2024	5	20	
8	Architectural Coating - 2	Architectural Coating	4/1/2025	12/31/2025	5	197	
9	Paving - 2	Paving	12/1/2025	12/26/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.2

Residential Indoor: 244,717; Residential Outdoor: 81,572; Non-Residential Indoor: 3,375; Non-Residential Outdoor: 1,125; Striped Parking Area: 10,992 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - 1	Rubber Tired Dozers	3	8.00	247	0.40

## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

Site Preparation - 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 1	Excavators	2	8.00	158	0.38
Grading - 1	Graders	1	8.00	187	0.41
Grading - 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 1	Scrapers	2	8.00	367	0.48
Grading - 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - 1 and 2	Cranes	1	7.00	231	0.29
Building Construction - 1 and 2	Forklifts	3	8.00	89	0.20
Building Construction - 1 and 2	Generator Sets	1	8.00	84	0.74
Building Construction - 1 and 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - 1 and 2	Welders	1	8.00	46	0.45
Architectural Coating - 1	Air Compressors	1	6.00	78	0.48
Site Preparation - 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 2	Excavators	2	8.00	158	0.38
Grading - 2	Graders	1	8.00	187	0.41
Grading - 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 2	Scrapers	2	8.00	367	0.48
Grading - 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving - 1	Pavers	2	8.00	130	0.42
Paving - 1	Paving Equipment	2	8.00	132	0.36
Paving - 1	Rollers	2	8.00	80	0.38
Architectural Coating - 2	Air Compressors	1	6.00	78	0.48
Paving - 2	Pavers	2	8.00	130	0.42
Paving - 2	Paving Equipment	2	8.00	132	0.36
Paving - 2	Rollers	2	8.00	80	0.38

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - 1	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 1	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - 1 and 2	9	283.00	62.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 1	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - 2	7	18.00	0.00	1,500.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 2	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 1	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 2	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 2	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>18.0663</b>	<b>1.6126</b>	<b>19.6788</b>	<b>9.9307</b>	<b>1.4836</b>	<b>11.4143</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.2 Site Preparation - 1 - 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	0.0673	0.0517	0.5324	1.5500e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		154.8888	154.8888	4.3300e-003		154.9970
<b>Total</b>	<b>0.0673</b>	<b>0.0517</b>	<b>0.5324</b>	<b>1.5500e-003</b>	<b>0.1780</b>	<b>1.0700e-003</b>	<b>0.1790</b>	<b>0.0472</b>	<b>9.9000e-004</b>	<b>0.0482</b>		<b>154.8888</b>	<b>154.8888</b>	<b>4.3300e-003</b>		<b>154.9970</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	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>18.0663</b>	<b>1.6126</b>	<b>19.6788</b>	<b>9.9307</b>	<b>1.4836</b>	<b>11.4143</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.2 Site Preparation - 1 - 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	0.0673	0.0517	0.5324	1.5500e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		154.8888	154.8888	4.3300e-003		154.9970
<b>Total</b>	<b>0.0673</b>	<b>0.0517</b>	<b>0.5324</b>	<b>1.5500e-003</b>	<b>0.1780</b>	<b>1.0700e-003</b>	<b>0.1790</b>	<b>0.0472</b>	<b>9.9000e-004</b>	<b>0.0482</b>		<b>154.8888</b>	<b>154.8888</b>	<b>4.3300e-003</b>		<b>154.9970</b>

**3.3 Grading - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 1 - 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	0.0747	0.0574	0.5916	1.7300e-003	0.1977	1.1900e-003	0.1989	0.0524	1.1000e-003	0.0535		172.0987	172.0987	4.8100e-003		172.2189
<b>Total</b>	<b>0.0747</b>	<b>0.0574</b>	<b>0.5916</b>	<b>1.7300e-003</b>	<b>0.1977</b>	<b>1.1900e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.1000e-003</b>	<b>0.0535</b>		<b>172.0987</b>	<b>172.0987</b>	<b>4.8100e-003</b>		<b>172.2189</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 1 - 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	0.0747	0.0574	0.5916	1.7300e-003	0.1977	1.1900e-003	0.1989	0.0524	1.1000e-003	0.0535		172.0987	172.0987	4.8100e-003		172.2189
<b>Total</b>	<b>0.0747</b>	<b>0.0574</b>	<b>0.5916</b>	<b>1.7300e-003</b>	<b>0.1977</b>	<b>1.1900e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.1000e-003</b>	<b>0.0535</b>		<b>172.0987</b>	<b>172.0987</b>	<b>4.8100e-003</b>		<b>172.2189</b>

**3.3 Grading - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
<b>Total</b>	<b>0.0702</b>	<b>0.0516</b>	<b>0.5413</b>	<b>1.6600e-003</b>	<b>0.1977</b>	<b>1.1600e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0700e-003</b>	<b>0.0535</b>		<b>165.6421</b>	<b>165.6421</b>	<b>4.3000e-003</b>		<b>165.7496</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
<b>Total</b>	<b>0.0702</b>	<b>0.0516</b>	<b>0.5413</b>	<b>1.6600e-003</b>	<b>0.1977</b>	<b>1.1600e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0700e-003</b>	<b>0.0535</b>		<b>165.6421</b>	<b>165.6421</b>	<b>4.3000e-003</b>		<b>165.7496</b>

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1296	4.6024	1.3164	0.0121	0.2880	6.7200e-003	0.2947	0.0830	6.4200e-003	0.0894		1,293.9998	1,293.9998	0.0657		1,295.6418
Worker	0.9926	0.7301	7.6598	0.0235	2.7978	0.0164	2.8142	0.7420	0.0151	0.7571		2,343.8352	2,343.8352	0.0608		2,345.3564
<b>Total</b>	<b>1.1222</b>	<b>5.3326</b>	<b>8.9762</b>	<b>0.0356</b>	<b>3.0857</b>	<b>0.0231</b>	<b>3.1089</b>	<b>0.8250</b>	<b>0.0215</b>	<b>0.8465</b>		<b>3,637.8351</b>	<b>3,637.8351</b>	<b>0.1265</b>		<b>3,640.9982</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1296	4.6024	1.3164	0.0121	0.2880	6.7200e-003	0.2947	0.0830	6.4200e-003	0.0894		1,293.9998	1,293.9998	0.0657		1,295.6418
Worker	0.9926	0.7301	7.6598	0.0235	2.7978	0.0164	2.8142	0.7420	0.0151	0.7571		2,343.8352	2,343.8352	0.0608		2,345.3564
<b>Total</b>	<b>1.1222</b>	<b>5.3326</b>	<b>8.9762</b>	<b>0.0356</b>	<b>3.0857</b>	<b>0.0231</b>	<b>3.1089</b>	<b>0.8250</b>	<b>0.0215</b>	<b>0.8465</b>		<b>3,637.8351</b>	<b>3,637.8351</b>	<b>0.1265</b>		<b>3,640.9982</b>

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1229	4.5005	1.2372	0.0120	0.2880	6.2000e-003	0.2942	0.0830	5.9300e-003	0.0889		1,286.9234	1,286.9234	0.0660		1,288.5739
Worker	0.9347	0.6589	7.0713	0.0226	2.7978	0.0160	2.8138	0.7420	0.0148	0.7568		2,252.6822	2,252.6822	0.0547		2,254.0491
<b>Total</b>	<b>1.0576</b>	<b>5.1595</b>	<b>8.3084</b>	<b>0.0346</b>	<b>3.0858</b>	<b>0.0222</b>	<b>3.1080</b>	<b>0.8250</b>	<b>0.0207</b>	<b>0.8457</b>		<b>3,539.6056</b>	<b>3,539.6056</b>	<b>0.1207</b>		<b>3,542.6230</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1229	4.5005	1.2372	0.0120	0.2880	6.2000e-003	0.2942	0.0830	5.9300e-003	0.0889		1,286.9234	1,286.9234	0.0660		1,288.5739
Worker	0.9347	0.6589	7.0713	0.0226	2.7978	0.0160	2.8138	0.7420	0.0148	0.7568		2,252.6822	2,252.6822	0.0547		2,254.0491
<b>Total</b>	<b>1.0576</b>	<b>5.1595</b>	<b>8.3084</b>	<b>0.0346</b>	<b>3.0858</b>	<b>0.0222</b>	<b>3.1080</b>	<b>0.8250</b>	<b>0.0207</b>	<b>0.8457</b>		<b>3,539.6056</b>	<b>3,539.6056</b>	<b>0.1207</b>		<b>3,542.6230</b>

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1172	4.4066	1.1750	0.0120	0.2881	5.7300e-003	0.2938	0.0830	5.4700e-003	0.0885		1,280.2406	1,280.2406	0.0663		1,281.8988
Worker	0.8834	0.5967	6.5258	0.0217	2.7978	0.0157	2.8135	0.7420	0.0144	0.7565		2,162.3715	2,162.3715	0.0493		2,163.6033
<b>Total</b>	<b>1.0006</b>	<b>5.0033</b>	<b>7.7007</b>	<b>0.0337</b>	<b>3.0858</b>	<b>0.0214</b>	<b>3.1072</b>	<b>0.8250</b>	<b>0.0199</b>	<b>0.8449</b>		<b>3,442.6120</b>	<b>3,442.6120</b>	<b>0.1156</b>		<b>3,445.5021</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.4 Building Construction - 1 and 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1172	4.4066	1.1750	0.0120	0.2881	5.7300e-003	0.2938	0.0830	5.4700e-003	0.0885		1,280.2406	1,280.2406	0.0663		1,281.8988
Worker	0.8834	0.5967	6.5258	0.0217	2.7978	0.0157	2.8135	0.7420	0.0144	0.7565		2,162.3715	2,162.3715	0.0493		2,163.6033
<b>Total</b>	<b>1.0006</b>	<b>5.0033</b>	<b>7.7007</b>	<b>0.0337</b>	<b>3.0858</b>	<b>0.0214</b>	<b>3.1072</b>	<b>0.8250</b>	<b>0.0199</b>	<b>0.8449</b>		<b>3,442.6120</b>	<b>3,442.6120</b>	<b>0.1156</b>		<b>3,445.5021</b>

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>12.3775</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1999	0.1471	1.5428	4.7400e-003	0.5635	3.3000e-003	0.5668	0.1495	3.0500e-003	0.1525		472.0799	472.0799	0.0123		472.3863
<b>Total</b>	<b>0.1999</b>	<b>0.1471</b>	<b>1.5428</b>	<b>4.7400e-003</b>	<b>0.5635</b>	<b>3.3000e-003</b>	<b>0.5668</b>	<b>0.1495</b>	<b>3.0500e-003</b>	<b>0.1525</b>		<b>472.0799</b>	<b>472.0799</b>	<b>0.0123</b>		<b>472.3863</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	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>12.3775</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.5 Architectural Coating - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1999	0.1471	1.5428	4.7400e-003	0.5635	3.3000e-003	0.5668	0.1495	3.0500e-003	0.1525		472.0799	472.0799	0.0123		472.3863
<b>Total</b>	<b>0.1999</b>	<b>0.1471</b>	<b>1.5428</b>	<b>4.7400e-003</b>	<b>0.5635</b>	<b>3.3000e-003</b>	<b>0.5668</b>	<b>0.1495</b>	<b>3.0500e-003</b>	<b>0.1525</b>		<b>472.0799</b>	<b>472.0799</b>	<b>0.0123</b>		<b>472.3863</b>

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>12.3666</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1883	0.1327	1.4243	4.5500e-003	0.5635	3.2200e-003	0.5667	0.1495	2.9700e-003	0.1524		453.7204	453.7204	0.0110		453.9958
<b>Total</b>	<b>0.1883</b>	<b>0.1327</b>	<b>1.4243</b>	<b>4.5500e-003</b>	<b>0.5635</b>	<b>3.2200e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9700e-003</b>	<b>0.1524</b>		<b>453.7204</b>	<b>453.7204</b>	<b>0.0110</b>		<b>453.9958</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	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>12.3666</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.5 Architectural Coating - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1883	0.1327	1.4243	4.5500e-003	0.5635	3.2200e-003	0.5667	0.1495	2.9700e-003	0.1524		453.7204	453.7204	0.0110		453.9958
<b>Total</b>	<b>0.1883</b>	<b>0.1327</b>	<b>1.4243</b>	<b>4.5500e-003</b>	<b>0.5635</b>	<b>3.2200e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9700e-003</b>	<b>0.1524</b>		<b>453.7204</b>	<b>453.7204</b>	<b>0.0110</b>		<b>453.9958</b>

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1002	0.0000	18.1002	9.9358	0.0000	9.9358			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>18.1002</b>	<b>1.2294</b>	<b>19.3296</b>	<b>9.9358</b>	<b>1.1310</b>	<b>11.0668</b>		<b>3,688.0100</b>	<b>3,688.0100</b>	<b>1.1928</b>		<b>3,717.8294</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1191	4.2173	1.2851	0.0171	0.4033	0.0106	0.4139	0.1105	0.0101	0.1207		1,859.439 1	1,859.439 1	0.1096		1,862.179 3
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	0.0595	0.0419	0.4498	1.4400e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		143.2801	143.2801	3.4800e-003		143.3671
<b>Total</b>	<b>0.1786</b>	<b>4.2592</b>	<b>1.7348</b>	<b>0.0186</b>	<b>0.5813</b>	<b>0.0116</b>	<b>0.5928</b>	<b>0.1577</b>	<b>0.0111</b>	<b>0.1688</b>		<b>2,002.719 3</b>	<b>2,002.719 3</b>	<b>0.1131</b>		<b>2,005.546 3</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					18.1002	0.0000	18.1002	9.9358	0.0000	9.9358			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>18.1002</b>	<b>1.2294</b>	<b>19.3296</b>	<b>9.9358</b>	<b>1.1310</b>	<b>11.0668</b>	<b>0.0000</b>	<b>3,688.010 0</b>	<b>3,688.010 0</b>	<b>1.1928</b>		<b>3,717.829 4</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.6 Site Preparation - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1191	4.2173	1.2851	0.0171	0.4033	0.0106	0.4139	0.1105	0.0101	0.1207		1,859.439 1	1,859.439 1	0.1096		1,862.179 3
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	0.0595	0.0419	0.4498	1.4400e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		143.2801	143.2801	3.4800e-003		143.3671
<b>Total</b>	<b>0.1786</b>	<b>4.2592</b>	<b>1.7348</b>	<b>0.0186</b>	<b>0.5813</b>	<b>0.0116</b>	<b>0.5928</b>	<b>0.1577</b>	<b>0.0111</b>	<b>0.1688</b>		<b>2,002.719 3</b>	<b>2,002.719 3</b>	<b>0.1131</b>		<b>2,005.546 3</b>

**3.7 Grading - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.748 7	6,009.748 7	1.9437		6,058.340 5
<b>Total</b>	<b>3.2181</b>	<b>32.3770</b>	<b>27.7228</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.3354</b>	<b>10.0087</b>	<b>3.5965</b>	<b>1.2286</b>	<b>4.8251</b>		<b>6,009.748 7</b>	<b>6,009.748 7</b>	<b>1.9437</b>		<b>6,058.340 5</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.7 Grading - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
<b>Total</b>	<b>0.0661</b>	<b>0.0466</b>	<b>0.4997</b>	<b>1.6000e-003</b>	<b>0.1977</b>	<b>1.1300e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0400e-003</b>	<b>0.0535</b>		<b>159.2002</b>	<b>159.2002</b>	<b>3.8600e-003</b>		<b>159.2968</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
<b>Total</b>	<b>3.2181</b>	<b>32.3770</b>	<b>27.7228</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.3354</b>	<b>10.0087</b>	<b>3.5965</b>	<b>1.2286</b>	<b>4.8251</b>	<b>0.0000</b>	<b>6,009.7487</b>	<b>6,009.7487</b>	<b>1.9437</b>		<b>6,058.3405</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.7 Grading - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
<b>Total</b>	<b>0.0661</b>	<b>0.0466</b>	<b>0.4997</b>	<b>1.6000e-003</b>	<b>0.1977</b>	<b>1.1300e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0400e-003</b>	<b>0.0535</b>		<b>159.2002</b>	<b>159.2002</b>	<b>3.8600e-003</b>		<b>159.2968</b>

**3.8 Paving - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0144</b>	<b>9.5246</b>	<b>14.6258</b>	<b>0.0228</b>		<b>0.4685</b>	<b>0.4685</b>		<b>0.4310</b>	<b>0.4310</b>		<b>2,207.5472</b>	<b>2,207.5472</b>	<b>0.7140</b>		<b>2,225.3963</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.8 Paving - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
<b>Total</b>	<b>0.0495</b>	<b>0.0349</b>	<b>0.3748</b>	<b>1.2000e-003</b>	<b>0.1483</b>	<b>8.5000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.8000e-004</b>	<b>0.0401</b>		<b>119.4001</b>	<b>119.4001</b>	<b>2.9000e-003</b>		<b>119.4726</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0144</b>	<b>9.5246</b>	<b>14.6258</b>	<b>0.0228</b>		<b>0.4685</b>	<b>0.4685</b>		<b>0.4310</b>	<b>0.4310</b>	<b>0.0000</b>	<b>2,207.5472</b>	<b>2,207.5472</b>	<b>0.7140</b>		<b>2,225.3963</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.8 Paving - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0495	0.0349	0.3748	1.2000e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		119.4001	119.4001	2.9000e-003		119.4726
<b>Total</b>	<b>0.0495</b>	<b>0.0349</b>	<b>0.3748</b>	<b>1.2000e-003</b>	<b>0.1483</b>	<b>8.5000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.8000e-004</b>	<b>0.0401</b>		<b>119.4001</b>	<b>119.4001</b>	<b>2.9000e-003</b>		<b>119.4726</b>

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>14.8169</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1779	0.1202	1.3144	4.3700e-003	0.5635	3.1600e-003	0.5667	0.1495	2.9100e-003	0.1524		435.5307	435.5307	9.9200e-003		435.7788
<b>Total</b>	<b>0.1779</b>	<b>0.1202</b>	<b>1.3144</b>	<b>4.3700e-003</b>	<b>0.5635</b>	<b>3.1600e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9100e-003</b>	<b>0.1524</b>		<b>435.5307</b>	<b>435.5307</b>	<b>9.9200e-003</b>		<b>435.7788</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	14.6460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>14.8169</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.9 Architectural Coating - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1779	0.1202	1.3144	4.3700e-003	0.5635	3.1600e-003	0.5667	0.1495	2.9100e-003	0.1524		435.5307	435.5307	9.9200e-003		435.7788
<b>Total</b>	<b>0.1779</b>	<b>0.1202</b>	<b>1.3144</b>	<b>4.3700e-003</b>	<b>0.5635</b>	<b>3.1600e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9100e-003</b>	<b>0.1524</b>		<b>435.5307</b>	<b>435.5307</b>	<b>9.9200e-003</b>		<b>435.7788</b>

**3.10 Paving - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9414</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.10 Paving - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
<b>Total</b>	<b>0.0468</b>	<b>0.0316</b>	<b>0.3459</b>	<b>1.1500e-003</b>	<b>0.1483</b>	<b>8.3000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.7000e-004</b>	<b>0.0401</b>		<b>114.6133</b>	<b>114.6133</b>	<b>2.6100e-003</b>		<b>114.6786</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9414</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**3.10 Paving - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0468	0.0316	0.3459	1.1500e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		114.6133	114.6133	2.6100e-003		114.6786
<b>Total</b>	<b>0.0468</b>	<b>0.0316</b>	<b>0.3459</b>	<b>1.1500e-003</b>	<b>0.1483</b>	<b>8.3000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.7000e-004</b>	<b>0.0401</b>		<b>114.6133</b>	<b>114.6133</b>	<b>2.6100e-003</b>		<b>114.6786</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8695	7.0701	21.2392	0.0774	8.2208	0.0645	8.2853	2.1942	0.0602	2.2544		7,831.9490	7,831.9490	0.2554		7,838.3349
Unmitigated	1.8695	7.0701	21.2392	0.0774	8.2208	0.0645	8.2853	2.1942	0.0602	2.2544		7,831.9490	7,831.9490	0.2554		7,838.3349

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	862.40	1,206.80	960.40	1,920,435	1,920,435
General Office Building	127.38	30.75	13.13	894,887	894,887
Health Club	22.93	5.54	2.36	161,080	161,080
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>1,012.70</b>	<b>1,243.09</b>	<b>975.89</b>	<b>2,976,401</b>	<b>2,976,401</b>

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
Condo/Townhouse High Rise	5.70	5.70	5.70	35.80	21.00	43.20	100	0	0
General Office Building	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Health Club	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Health Club	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Condo/Townhouse High Rise	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
General Office Building	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Parking Lot	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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

600 Tank Farm Road - San Luis Obispo County APCD 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					
Condo/Townhouse High Rise	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
General Office Building	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
Health Club	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
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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	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
General Office Building	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
Health Club	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
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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

600 Tank Farm Road - San Luis Obispo County APCD 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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Unmitigated	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006

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	1.4205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.9702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6974	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282		41.6981	41.6981	0.0401		42.7006
<b>Total</b>	<b>8.0880</b>	<b>0.2663</b>	<b>23.1266</b>	<b>1.2200e-003</b>		<b>0.1282</b>	<b>0.1282</b>		<b>0.1282</b>	<b>0.1282</b>	<b>0.0000</b>	<b>41.6981</b>	<b>41.6981</b>	<b>0.0401</b>	<b>0.0000</b>	<b>42.7006</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.9702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6974	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282		41.6981	41.6981	0.0401		42.7006
<b>Total</b>	<b>8.0880</b>	<b>0.2663</b>	<b>23.1266</b>	<b>1.2200e-003</b>		<b>0.1282</b>	<b>0.1282</b>		<b>0.1282</b>	<b>0.1282</b>	<b>0.0000</b>	<b>41.6981</b>	<b>41.6981</b>	<b>0.0401</b>	<b>0.0000</b>	<b>42.7006</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

- Apply Water Conservation Strategy
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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600 Tank Farm Road - San Luis Obispo County APCD Air District, Summer

## 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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600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**600 Tank Farm Road**  
**San Luis Obispo County APCD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	12.50	1000sqft	0.00	12,500.00	0
Parking Lot	458.00	Space	0.20	183,200.00	0
Health Club	2.25	1000sqft	0.00	2,250.00	0
Condo/Townhouse High Rise	280.00	Dwelling Unit	10.90	261,200.00	622

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

Project Characteristics - Utility Factors modified per C3E assumed to be 100% renewable by 2030

Land Use - SF and lot acreage per Project Description, pop projection per 2.22 persons/unit rate

Construction Phase - Per phased construction schedule; building phase combined (continuous across both phases)

Trips and VMT -

Grading -

Architectural Coating - SLOAPCD Rule 433; sf revised per phased construction

Vehicle Trips - Weekday trip generation rates per Traffic Memo; trip length per total VMT (8,152 daily miles); all trips primary trips

Road Dust - Road Dust per CalEEMod User Guide

Area Coating - SLOAPCD Rule 433

Energy Use - Commercial energy use reduced 30% per 2019 Title 24, solar for condos/townhomes, no nat gas per City's Clean Energy Choice

Water And Wastewater - Adjusted to match City-specific rates

Solid Waste -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation - Indoor water use reduced per 2016 CalGreen

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	6,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	1,125.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	18,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	3,375.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	94,751.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	81,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	284,253.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	244,717.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	197.00
tblConstructionPhase	NumDays	300.00	783.00
tblConstructionPhase	NumDays	30.00	98.00
tblConstructionPhase	NumDays	30.00	65.00
tblConstructionPhase	NumDays	10.00	98.00
tblConstructionPhase	NumDays	10.00	65.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	3.88	2.72
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	332.81	0.00
tblEnergyUse	T24E	6.11	4.28
tblEnergyUse	T24NG	5,484.45	0.00
tblEnergyUse	T24NG	16.31	0.00

## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

tblEnergyUse	T24NG	19.71	0.00
tblGrading	MaterialImported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	280,000.00	261,200.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	4.12	0.20
tblLandUse	LotAcreage	0.05	0.00
tblLandUse	LotAcreage	4.38	10.90
tblLandUse	Population	801.00	622.00
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TTP	64.10	48.00
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TTP	16.90	33.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	HO_TL	5.00	5.70
tblVehicleTrips	HS_TL	5.00	5.70
tblVehicleTrips	HW_TL	13.00	5.70
tblVehicleTrips	PB_TP	3.00	0.00

## 600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	ST_TR	20.87	2.46
tblVehicleTrips	SU_TR	26.73	1.05
tblVehicleTrips	WD_TR	4.18	3.08
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	32.93	10.19
tblWater	IndoorWaterUseRate	18,243,127.17	14,034,250.00
tblWater	IndoorWaterUseRate	2,221,671.85	0.00
tblWater	IndoorWaterUseRate	133,072.07	0.00
tblWater	OutdoorWaterUseRate	11,501,101.91	13,665,750.00
tblWater	OutdoorWaterUseRate	1,361,669.84	0.00
tblWater	OutdoorWaterUseRate	81,560.30	0.00

## 2.0 Emissions Summary

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600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

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

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.7104	38.9086	29.6141	0.0637	18.2442	1.6361	19.8579	9.9779	1.5052	11.4624	0.0000	6,175.4528	6,175.4528	1.9488	0.0000	6,224.1739
2023	15.4578	54.3541	53.6871	0.1248	11.9568	2.1489	14.1056	4.4739	1.9919	6.4658	0.0000	12,211.6455	12,211.6455	2.6846	0.0000	12,278.7616
2024	19.6286	62.0186	70.7393	0.1550	22.3308	2.5059	24.2719	11.0680	2.3232	12.8720	0.0000	15,145.8272	15,145.8272	3.4176	0.0000	15,231.2679
2025	18.5313	27.4155	41.6626	0.0902	3.7976	1.0232	4.8209	1.0138	0.9567	1.9704	0.0000	8,869.8506	8,869.8506	1.4598	0.0000	8,906.3457
<b>Maximum</b>	<b>19.6286</b>	<b>62.0186</b>	<b>70.7393</b>	<b>0.1550</b>	<b>22.3308</b>	<b>2.5059</b>	<b>24.2719</b>	<b>11.0680</b>	<b>2.3232</b>	<b>12.8720</b>	<b>0.0000</b>	<b>15,145.8272</b>	<b>15,145.8272</b>	<b>3.4176</b>	<b>0.0000</b>	<b>15,231.2679</b>



600 Tank Farm Road - San Luis Obispo County APCD 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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.7914	7.3167	21.3446	0.0744	8.2208	0.0647	8.2855	2.1942	0.0604	2.2546		7,524.9375	7,524.9375	0.2578		7,531.3826
<b>Total</b>	<b>9.8795</b>	<b>7.5830</b>	<b>44.4712</b>	<b>0.0756</b>	<b>8.2208</b>	<b>0.1929</b>	<b>8.4137</b>	<b>2.1942</b>	<b>0.1886</b>	<b>2.3828</b>	<b>0.0000</b>	<b>7,566.6356</b>	<b>7,566.6356</b>	<b>0.2979</b>	<b>0.0000</b>	<b>7,574.0832</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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	1.7914	7.3167	21.3446	0.0744	8.2208	0.0647	8.2855	2.1942	0.0604	2.2546		7,524.9375	7,524.9375	0.2578		7,531.3826
<b>Total</b>	<b>9.8795</b>	<b>7.5830</b>	<b>44.4712</b>	<b>0.0756</b>	<b>8.2208</b>	<b>0.1929</b>	<b>8.4137</b>	<b>2.1942</b>	<b>0.1886</b>	<b>2.3828</b>	<b>0.0000</b>	<b>7,566.6356</b>	<b>7,566.6356</b>	<b>0.2979</b>	<b>0.0000</b>	<b>7,574.0832</b>



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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - 1	Site Preparation	7/1/2022	11/15/2022	5	98	
2	Grading - 1	Grading	11/16/2022	3/31/2023	5	98	
3	Building Construction - 1 and 2	Building Construction	1/1/2023	12/31/2025	5	783	
4	Architectural Coating - 1	Architectural Coating	10/1/2023	6/28/2024	5	195	
5	Site Preparation - 2	Site Preparation	1/1/2024	3/29/2024	5	65	
6	Grading - 2	Grading	4/1/2024	6/28/2024	5	65	
7	Paving - 1	Paving	6/1/2024	6/28/2024	5	20	
8	Architectural Coating - 2	Architectural Coating	4/1/2025	12/31/2025	5	197	
9	Paving - 2	Paving	12/1/2025	12/26/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.2

Residential Indoor: 244,717; Residential Outdoor: 81,572; Non-Residential Indoor: 3,375; Non-Residential Outdoor: 1,125; Striped Parking Area: 10,992 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - 1	Rubber Tired Dozers	3	8.00	247	0.40

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

Site Preparation - 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 1	Excavators	2	8.00	158	0.38
Grading - 1	Graders	1	8.00	187	0.41
Grading - 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 1	Scrapers	2	8.00	367	0.48
Grading - 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - 1 and 2	Cranes	1	7.00	231	0.29
Building Construction - 1 and 2	Forklifts	3	8.00	89	0.20
Building Construction - 1 and 2	Generator Sets	1	8.00	84	0.74
Building Construction - 1 and 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - 1 and 2	Welders	1	8.00	46	0.45
Architectural Coating - 1	Air Compressors	1	6.00	78	0.48
Site Preparation - 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 2	Excavators	2	8.00	158	0.38
Grading - 2	Graders	1	8.00	187	0.41
Grading - 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 2	Scrapers	2	8.00	367	0.48
Grading - 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving - 1	Pavers	2	8.00	130	0.42
Paving - 1	Paving Equipment	2	8.00	132	0.36
Paving - 1	Rollers	2	8.00	80	0.38
Architectural Coating - 2	Air Compressors	1	6.00	78	0.48
Paving - 2	Pavers	2	8.00	130	0.42
Paving - 2	Paving Equipment	2	8.00	132	0.36
Paving - 2	Rollers	2	8.00	80	0.38

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - 1	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 1	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - 1 and 2	9	283.00	62.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 1	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - 2	7	18.00	0.00	1,500.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 2	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 1	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 2	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 2	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>18.0663</b>	<b>1.6126</b>	<b>19.6788</b>	<b>9.9307</b>	<b>1.4836</b>	<b>11.4143</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.2 Site Preparation - 1 - 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	0.0770	0.0586	0.5154	1.4800e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		147.6381	147.6381	4.1700e-003		147.7422
<b>Total</b>	<b>0.0770</b>	<b>0.0586</b>	<b>0.5154</b>	<b>1.4800e-003</b>	<b>0.1780</b>	<b>1.0700e-003</b>	<b>0.1790</b>	<b>0.0472</b>	<b>9.9000e-004</b>	<b>0.0482</b>		<b>147.6381</b>	<b>147.6381</b>	<b>4.1700e-003</b>		<b>147.7422</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	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>18.0663</b>	<b>1.6126</b>	<b>19.6788</b>	<b>9.9307</b>	<b>1.4836</b>	<b>11.4143</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.2 Site Preparation - 1 - 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	0.0770	0.0586	0.5154	1.4800e-003	0.1780	1.0700e-003	0.1790	0.0472	9.9000e-004	0.0482		147.6381	147.6381	4.1700e-003		147.7422
<b>Total</b>	<b>0.0770</b>	<b>0.0586</b>	<b>0.5154</b>	<b>1.4800e-003</b>	<b>0.1780</b>	<b>1.0700e-003</b>	<b>0.1790</b>	<b>0.0472</b>	<b>9.9000e-004</b>	<b>0.0482</b>		<b>147.6381</b>	<b>147.6381</b>	<b>4.1700e-003</b>		<b>147.7422</b>

**3.3 Grading - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 1 - 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	0.0856	0.0651	0.5726	1.6500e-003	0.1977	1.1900e-003	0.1989	0.0524	1.1000e-003	0.0535		164.0423	164.0423	4.6300e-003		164.1581
<b>Total</b>	<b>0.0856</b>	<b>0.0651</b>	<b>0.5726</b>	<b>1.6500e-003</b>	<b>0.1977</b>	<b>1.1900e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.1000e-003</b>	<b>0.0535</b>		<b>164.0423</b>	<b>164.0423</b>	<b>4.6300e-003</b>		<b>164.1581</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 1 - 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	0.0856	0.0651	0.5726	1.6500e-003	0.1977	1.1900e-003	0.1989	0.0524	1.1000e-003	0.0535		164.0423	164.0423	4.6300e-003		164.1581
<b>Total</b>	<b>0.0856</b>	<b>0.0651</b>	<b>0.5726</b>	<b>1.6500e-003</b>	<b>0.1977</b>	<b>1.1900e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.1000e-003</b>	<b>0.0535</b>		<b>164.0423</b>	<b>164.0423</b>	<b>4.6300e-003</b>		<b>164.1581</b>

**3.3 Grading - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
<b>Total</b>	<b>0.0805</b>	<b>0.0585</b>	<b>0.5225</b>	<b>1.5800e-003</b>	<b>0.1977</b>	<b>1.1600e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0700e-003</b>	<b>0.0535</b>		<b>157.8903</b>	<b>157.8903</b>	<b>4.1300e-003</b>		<b>157.9935</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
<b>Total</b>	<b>0.0805</b>	<b>0.0585</b>	<b>0.5225</b>	<b>1.5800e-003</b>	<b>0.1977</b>	<b>1.1600e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0700e-003</b>	<b>0.0535</b>		<b>157.8903</b>	<b>157.8903</b>	<b>4.1300e-003</b>		<b>157.9935</b>

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1383	4.5671	1.4765	0.0117	0.2880	7.0600e-003	0.2950	0.0830	6.7500e-003	0.0897		1,252.9201	1,252.9201	0.0700		1,254.6702
Worker	1.1397	0.8280	7.3929	0.0224	2.7978	0.0164	2.8142	0.7420	0.0151	0.7571		2,234.1475	2,234.1475	0.0584		2,235.6082
<b>Total</b>	<b>1.2780</b>	<b>5.3951</b>	<b>8.8694</b>	<b>0.0342</b>	<b>3.0857</b>	<b>0.0235</b>	<b>3.1092</b>	<b>0.8250</b>	<b>0.0219</b>	<b>0.8468</b>		<b>3,487.0676</b>	<b>3,487.0676</b>	<b>0.1284</b>		<b>3,490.2784</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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1383	4.5671	1.4765	0.0117	0.2880	7.0600e-003	0.2950	0.0830	6.7500e-003	0.0897		1,252.9201	1,252.9201	0.0700		1,254.6702
Worker	1.1397	0.8280	7.3929	0.0224	2.7978	0.0164	2.8142	0.7420	0.0151	0.7571		2,234.1475	2,234.1475	0.0584		2,235.6082
<b>Total</b>	<b>1.2780</b>	<b>5.3951</b>	<b>8.8694</b>	<b>0.0342</b>	<b>3.0857</b>	<b>0.0235</b>	<b>3.1092</b>	<b>0.8250</b>	<b>0.0219</b>	<b>0.8468</b>		<b>3,487.0676</b>	<b>3,487.0676</b>	<b>0.1284</b>		<b>3,490.2784</b>

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1311	4.4646	1.3891	0.0117	0.2880	6.5100e-003	0.2945	0.0830	6.2200e-003	0.0892		1,246.0251	1,246.0251	0.0704		1,247.7845
Worker	1.0768	0.7471	6.8106	0.0215	2.7978	0.0160	2.8138	0.7420	0.0148	0.7568		2,147.2978	2,147.2978	0.0524		2,148.6074
<b>Total</b>	<b>1.2079</b>	<b>5.2117</b>	<b>8.1997</b>	<b>0.0332</b>	<b>3.0858</b>	<b>0.0225</b>	<b>3.1083</b>	<b>0.8250</b>	<b>0.0210</b>	<b>0.8460</b>		<b>3,393.3229</b>	<b>3,393.3229</b>	<b>0.1228</b>		<b>3,396.3919</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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1311	4.4646	1.3891	0.0117	0.2880	6.5100e-003	0.2945	0.0830	6.2200e-003	0.0892		1,246.0251	1,246.0251	0.0704		1,247.7845
Worker	1.0768	0.7471	6.8106	0.0215	2.7978	0.0160	2.8138	0.7420	0.0148	0.7568		2,147.2978	2,147.2978	0.0524		2,148.6074
<b>Total</b>	<b>1.2079</b>	<b>5.2117</b>	<b>8.1997</b>	<b>0.0332</b>	<b>3.0858</b>	<b>0.0225</b>	<b>3.1083</b>	<b>0.8250</b>	<b>0.0210</b>	<b>0.8460</b>		<b>3,393.3229</b>	<b>3,393.3229</b>	<b>0.1228</b>		<b>3,396.3919</b>

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1250	4.3702	1.3202	0.0116	0.2881	6.0000e-003	0.2941	0.0830	5.7300e-003	0.0887		1,239.5194	1,239.5194	0.0707			1,241.2868
Worker	1.0210	0.6763	6.2743	0.0207	2.7978	0.0157	2.8135	0.7420	0.0144	0.7565		2,061.2474	2,061.2474	0.0471			2,062.4252
<b>Total</b>	<b>1.1459</b>	<b>5.0466</b>	<b>7.5945</b>	<b>0.0323</b>	<b>3.0858</b>	<b>0.0217</b>	<b>3.1075</b>	<b>0.8250</b>	<b>0.0202</b>	<b>0.8452</b>		<b>3,300.7668</b>	<b>3,300.7668</b>	<b>0.1178</b>			<b>3,303.7120</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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010			2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>			<b>2,571.4981</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.4 Building Construction - 1 and 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1250	4.3702	1.3202	0.0116	0.2881	6.0000e-003	0.2941	0.0830	5.7300e-003	0.0887		1,239.5194	1,239.5194	0.0707		1,241.2868
Worker	1.0210	0.6763	6.2743	0.0207	2.7978	0.0157	2.8135	0.7420	0.0144	0.7565		2,061.2474	2,061.2474	0.0471		2,062.4252
<b>Total</b>	<b>1.1459</b>	<b>5.0466</b>	<b>7.5945</b>	<b>0.0323</b>	<b>3.0858</b>	<b>0.0217</b>	<b>3.1075</b>	<b>0.8250</b>	<b>0.0202</b>	<b>0.8452</b>		<b>3,300.7668</b>	<b>3,300.7668</b>	<b>0.1178</b>		<b>3,303.7120</b>

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>12.3775</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2296	0.1668	1.4890	4.5200e-003	0.5635	3.3000e-003	0.5668	0.1495	3.0500e-003	0.1525		449.9873	449.9873	0.0118		450.2815
<b>Total</b>	<b>0.2296</b>	<b>0.1668</b>	<b>1.4890</b>	<b>4.5200e-003</b>	<b>0.5635</b>	<b>3.3000e-003</b>	<b>0.5668</b>	<b>0.1495</b>	<b>3.0500e-003</b>	<b>0.1525</b>		<b>449.9873</b>	<b>449.9873</b>	<b>0.0118</b>		<b>450.2815</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	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>12.3775</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.5 Architectural Coating - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2296	0.1668	1.4890	4.5200e-003	0.5635	3.3000e-003	0.5668	0.1495	3.0500e-003	0.1525		449.9873	449.9873	0.0118		450.2815
<b>Total</b>	<b>0.2296</b>	<b>0.1668</b>	<b>1.4890</b>	<b>4.5200e-003</b>	<b>0.5635</b>	<b>3.3000e-003</b>	<b>0.5668</b>	<b>0.1495</b>	<b>3.0500e-003</b>	<b>0.1525</b>		<b>449.9873</b>	<b>449.9873</b>	<b>0.0118</b>		<b>450.2815</b>

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>12.3666</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2169	0.1505	1.3718	4.3400e-003	0.5635	3.2200e-003	0.5667	0.1495	2.9700e-003	0.1524		432.4946	432.4946	0.0106		432.7584
<b>Total</b>	<b>0.2169</b>	<b>0.1505</b>	<b>1.3718</b>	<b>4.3400e-003</b>	<b>0.5635</b>	<b>3.2200e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9700e-003</b>	<b>0.1524</b>		<b>432.4946</b>	<b>432.4946</b>	<b>0.0106</b>		<b>432.7584</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	12.1858					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
<b>Total</b>	<b>12.3666</b>	<b>1.2188</b>	<b>1.8101</b>	<b>2.9700e-003</b>		<b>0.0609</b>	<b>0.0609</b>		<b>0.0609</b>	<b>0.0609</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0159</b>		<b>281.8443</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.5 Architectural Coating - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2169	0.1505	1.3718	4.3400e-003	0.5635	3.2200e-003	0.5667	0.1495	2.9700e-003	0.1524		432.4946	432.4946	0.0106		432.7584
<b>Total</b>	<b>0.2169</b>	<b>0.1505</b>	<b>1.3718</b>	<b>4.3400e-003</b>	<b>0.5635</b>	<b>3.2200e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9700e-003</b>	<b>0.1524</b>		<b>432.4946</b>	<b>432.4946</b>	<b>0.0106</b>		<b>432.7584</b>

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.1002	0.0000	18.1002	9.9358	0.0000	9.9358			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>18.1002</b>	<b>1.2294</b>	<b>19.3296</b>	<b>9.9358</b>	<b>1.1310</b>	<b>11.0668</b>		<b>3,688.0100</b>	<b>3,688.0100</b>	<b>1.1928</b>		<b>3,717.8294</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1224	4.2251	1.3466	0.0169	0.4033	0.0108	0.4141	0.1105	0.0103	0.1209		1,830.031 1	1,830.031 1	0.1125		1,832.843 5
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	0.0685	0.0475	0.4332	1.3700e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		136.5772	136.5772	3.3300e-003		136.6605
<b>Total</b>	<b>0.1909</b>	<b>4.2727</b>	<b>1.7798</b>	<b>0.0182</b>	<b>0.5813</b>	<b>0.0118</b>	<b>0.5931</b>	<b>0.1577</b>	<b>0.0113</b>	<b>0.1690</b>		<b>1,966.608 4</b>	<b>1,966.608 4</b>	<b>0.1158</b>		<b>1,969.504 0</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					18.1002	0.0000	18.1002	9.9358	0.0000	9.9358			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
<b>Total</b>	<b>2.6609</b>	<b>27.1760</b>	<b>18.3356</b>	<b>0.0381</b>	<b>18.1002</b>	<b>1.2294</b>	<b>19.3296</b>	<b>9.9358</b>	<b>1.1310</b>	<b>11.0668</b>	<b>0.0000</b>	<b>3,688.010 0</b>	<b>3,688.010 0</b>	<b>1.1928</b>		<b>3,717.829 4</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.6 Site Preparation - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1224	4.2251	1.3466	0.0169	0.4033	0.0108	0.4141	0.1105	0.0103	0.1209		1,830.031 1	1,830.031 1	0.1125		1,832.843 5
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	0.0685	0.0475	0.4332	1.3700e-003	0.1780	1.0200e-003	0.1790	0.0472	9.4000e-004	0.0481		136.5772	136.5772	3.3300e-003		136.6605
<b>Total</b>	<b>0.1909</b>	<b>4.2727</b>	<b>1.7798</b>	<b>0.0182</b>	<b>0.5813</b>	<b>0.0118</b>	<b>0.5931</b>	<b>0.1577</b>	<b>0.0113</b>	<b>0.1690</b>		<b>1,966.608 4</b>	<b>1,966.608 4</b>	<b>0.1158</b>		<b>1,969.504 0</b>

**3.7 Grading - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.748 7	6,009.748 7	1.9437		6,058.340 5
<b>Total</b>	<b>3.2181</b>	<b>32.3770</b>	<b>27.7228</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.3354</b>	<b>10.0087</b>	<b>3.5965</b>	<b>1.2286</b>	<b>4.8251</b>		<b>6,009.748 7</b>	<b>6,009.748 7</b>	<b>1.9437</b>		<b>6,058.340 5</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.7 Grading - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
<b>Total</b>	<b>0.0761</b>	<b>0.0528</b>	<b>0.4813</b>	<b>1.5200e-003</b>	<b>0.1977</b>	<b>1.1300e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0400e-003</b>	<b>0.0535</b>		<b>151.7525</b>	<b>151.7525</b>	<b>3.7000e-003</b>		<b>151.8451</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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
<b>Total</b>	<b>3.2181</b>	<b>32.3770</b>	<b>27.7228</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.3354</b>	<b>10.0087</b>	<b>3.5965</b>	<b>1.2286</b>	<b>4.8251</b>	<b>0.0000</b>	<b>6,009.7487</b>	<b>6,009.7487</b>	<b>1.9437</b>		<b>6,058.3405</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.7 Grading - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
<b>Total</b>	<b>0.0761</b>	<b>0.0528</b>	<b>0.4813</b>	<b>1.5200e-003</b>	<b>0.1977</b>	<b>1.1300e-003</b>	<b>0.1989</b>	<b>0.0524</b>	<b>1.0400e-003</b>	<b>0.0535</b>		<b>151.7525</b>	<b>151.7525</b>	<b>3.7000e-003</b>		<b>151.8451</b>

**3.8 Paving - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0144</b>	<b>9.5246</b>	<b>14.6258</b>	<b>0.0228</b>		<b>0.4685</b>	<b>0.4685</b>		<b>0.4310</b>	<b>0.4310</b>		<b>2,207.5472</b>	<b>2,207.5472</b>	<b>0.7140</b>		<b>2,225.3963</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.8 Paving - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
<b>Total</b>	<b>0.0571</b>	<b>0.0396</b>	<b>0.3610</b>	<b>1.1400e-003</b>	<b>0.1483</b>	<b>8.5000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.8000e-004</b>	<b>0.0401</b>		<b>113.8144</b>	<b>113.8144</b>	<b>2.7800e-003</b>		<b>113.8838</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0144</b>	<b>9.5246</b>	<b>14.6258</b>	<b>0.0228</b>		<b>0.4685</b>	<b>0.4685</b>		<b>0.4310</b>	<b>0.4310</b>	<b>0.0000</b>	<b>2,207.5472</b>	<b>2,207.5472</b>	<b>0.7140</b>		<b>2,225.3963</b>



600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.8 Paving - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0571	0.0396	0.3610	1.1400e-003	0.1483	8.5000e-004	0.1491	0.0393	7.8000e-004	0.0401		113.8144	113.8144	2.7800e-003		113.8838
<b>Total</b>	<b>0.0571</b>	<b>0.0396</b>	<b>0.3610</b>	<b>1.1400e-003</b>	<b>0.1483</b>	<b>8.5000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.8000e-004</b>	<b>0.0401</b>		<b>113.8144</b>	<b>113.8144</b>	<b>2.7800e-003</b>		<b>113.8838</b>

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>14.8169</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2056	0.1362	1.2637	4.1600e-003	0.5635	3.1600e-003	0.5667	0.1495	2.9100e-003	0.1524		415.1629	415.1629	9.4900e-003		415.4001
<b>Total</b>	<b>0.2056</b>	<b>0.1362</b>	<b>1.2637</b>	<b>4.1600e-003</b>	<b>0.5635</b>	<b>3.1600e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9100e-003</b>	<b>0.1524</b>		<b>415.1629</b>	<b>415.1629</b>	<b>9.4900e-003</b>		<b>415.4001</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	14.6460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>14.8169</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.9 Architectural Coating - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2056	0.1362	1.2637	4.1600e-003	0.5635	3.1600e-003	0.5667	0.1495	2.9100e-003	0.1524		415.1629	415.1629	9.4900e-003		415.4001
<b>Total</b>	<b>0.2056</b>	<b>0.1362</b>	<b>1.2637</b>	<b>4.1600e-003</b>	<b>0.5635</b>	<b>3.1600e-003</b>	<b>0.5667</b>	<b>0.1495</b>	<b>2.9100e-003</b>	<b>0.1524</b>		<b>415.1629</b>	<b>415.1629</b>	<b>9.4900e-003</b>		<b>415.4001</b>

**3.10 Paving - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9414</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>		<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.10 Paving - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
<b>Total</b>	<b>0.0541</b>	<b>0.0359</b>	<b>0.3326</b>	<b>1.1000e-003</b>	<b>0.1483</b>	<b>8.3000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.7000e-004</b>	<b>0.0401</b>		<b>109.2534</b>	<b>109.2534</b>	<b>2.5000e-003</b>		<b>109.3158</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9414</b>	<b>8.5816</b>	<b>14.5780</b>	<b>0.0228</b>		<b>0.4185</b>	<b>0.4185</b>		<b>0.3850</b>	<b>0.3850</b>	<b>0.0000</b>	<b>2,206.7452</b>	<b>2,206.7452</b>	<b>0.7137</b>		<b>2,224.5878</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**3.10 Paving - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0359	0.3326	1.1000e-003	0.1483	8.3000e-004	0.1491	0.0393	7.7000e-004	0.0401		109.2534	109.2534	2.5000e-003		109.3158
<b>Total</b>	<b>0.0541</b>	<b>0.0359</b>	<b>0.3326</b>	<b>1.1000e-003</b>	<b>0.1483</b>	<b>8.3000e-004</b>	<b>0.1491</b>	<b>0.0393</b>	<b>7.7000e-004</b>	<b>0.0401</b>		<b>109.2534</b>	<b>109.2534</b>	<b>2.5000e-003</b>		<b>109.3158</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

600 Tank Farm Road - San Luis Obispo County APCD 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	1.7914	7.3167	21.3446	0.0744	8.2208	0.0647	8.2855	2.1942	0.0604	2.2546		7,524.9375	7,524.9375	0.2578		7,531.3826
Unmitigated	1.7914	7.3167	21.3446	0.0744	8.2208	0.0647	8.2855	2.1942	0.0604	2.2546		7,524.9375	7,524.9375	0.2578		7,531.3826

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	862.40	1,206.80	960.40	1,920,435	1,920,435
General Office Building	127.38	30.75	13.13	894,887	894,887
Health Club	22.93	5.54	2.36	161,080	161,080
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>1,012.70</b>	<b>1,243.09</b>	<b>975.89</b>	<b>2,976,401</b>	<b>2,976,401</b>

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
Condo/Townhouse High Rise	5.70	5.70	5.70	35.80	21.00	43.20	100	0	0
General Office Building	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Health Club	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Health Club	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Condo/Townhouse High Rise	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
General Office Building	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016
Parking Lot	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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





600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	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
General Office Building	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
Health Club	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
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
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

600 Tank Farm Road - San Luis Obispo County APCD 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	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006
Unmitigated	8.0880	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282	0.0000	41.6981	41.6981	0.0401	0.0000	42.7006

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	1.4205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.9702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6974	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282		41.6981	41.6981	0.0401		42.7006
<b>Total</b>	<b>8.0880</b>	<b>0.2663</b>	<b>23.1266</b>	<b>1.2200e-003</b>		<b>0.1282</b>	<b>0.1282</b>		<b>0.1282</b>	<b>0.1282</b>	<b>0.0000</b>	<b>41.6981</b>	<b>41.6981</b>	<b>0.0401</b>	<b>0.0000</b>	<b>42.7006</b>

600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.4205					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.9702					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6974	0.2663	23.1266	1.2200e-003		0.1282	0.1282		0.1282	0.1282		41.6981	41.6981	0.0401		42.7006
<b>Total</b>	<b>8.0880</b>	<b>0.2663</b>	<b>23.1266</b>	<b>1.2200e-003</b>		<b>0.1282</b>	<b>0.1282</b>		<b>0.1282</b>	<b>0.1282</b>	<b>0.0000</b>	<b>41.6981</b>	<b>41.6981</b>	<b>0.0401</b>	<b>0.0000</b>	<b>42.7006</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

- Apply Water Conservation Strategy
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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600 Tank Farm Road - San Luis Obispo County APCD Air District, Winter

## 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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600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

**600 Tank Farm Road**  
**San Luis Obispo County APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	12.50	1000sqft	0.00	12,500.00	0
Parking Lot	458.00	Space	0.20	183,200.00	0
Health Club	2.25	1000sqft	0.00	2,250.00	0
Condo/Townhouse High Rise	280.00	Dwelling Unit	10.90	261,200.00	622

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2030
<b>Utility Company</b>	User Defined				
<b>CO2 Intensity (lb/MW hr)</b>	0	<b>CH4 Intensity (lb/MW hr)</b>	0	<b>N2O Intensity (lb/MW hr)</b>	0

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

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

Project Characteristics - Utility Factors modified per C3E assumed to be 100% renewable by 2030

Land Use - SF and lot acreage per Project Description, pop projection per 2.22 persons/unit rate

Construction Phase - Per phased construction schedule; building phase combined (continuous across both phases)

Trips and VMT -

Grading -

Architectural Coating - SLOAPCD Rule 433; sf revised per phased construction

Vehicle Trips - Weekday trip generation rates per Traffic Memo; trip length per total VMT (8,152 daily miles); all trips primary trips

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust - Road Dust per CalEEMod User Guide

Area Coating - SLOAPCD Rule 433

Energy Use - Commercial energy use reduced 30% per 2019 Title 24, solar for condos/townhomes, no nat gas per City's Clean Energy Choice

Water And Wastewater - Adjusted to match City-specific rates

Solid Waste -

Mobile Land Use Mitigation -

Energy Mitigation -

Water Mitigation - Indoor water use reduced per 2016 CalGreen

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	6,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	7,375.00	1,125.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	18,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	22,125.00	3,375.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	94,751.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	176,310.00	81,572.00

600 Tank Farm Road - San Luis Obispo County APCD Air District, Annual

tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	284,253.00
tblArchitecturalCoating	ConstArea_Residential_Interior	528,930.00	244,717.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	197.00
tblConstructionPhase	NumDays	300.00	783.00
tblConstructionPhase	NumDays	30.00	98.00
tblConstructionPhase	NumDays	30.00	65.00
tblConstructionPhase	NumDays	10.00	98.00
tblConstructionPhase	NumDays	10.00	65.00
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	3.88	2.72
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	332.81	0.00

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tblEnergyUse	T24E	6.11	4.28
tblEnergyUse	T24NG	5,484.45	0.00
tblEnergyUse	T24NG	16.31	0.00
tblEnergyUse	T24NG	19.71	0.00
tblGrading	MaterialImported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	280,000.00	261,200.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	4.12	0.20
tblLandUse	LotAcreage	0.05	0.00
tblLandUse	LotAcreage	4.38	10.90
tblLandUse	Population	801.00	622.00
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TL	5.00	25.28
tblVehicleTrips	CC_TTP	64.10	48.00
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CNW_TL	5.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TL	13.00	25.28
tblVehicleTrips	CW_TTP	16.90	33.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	HO_TL	5.00	5.70



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tblVehicleTrips	HS_TL	5.00	5.70
tblVehicleTrips	HW_TL	13.00	5.70
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	ST_TR	20.87	2.46
tblVehicleTrips	SU_TR	26.73	1.05
tblVehicleTrips	WD_TR	4.18	3.08
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	32.93	10.19
tblWater	IndoorWaterUseRate	18,243,127.17	14,034,250.00
tblWater	IndoorWaterUseRate	2,221,671.85	0.00
tblWater	IndoorWaterUseRate	133,072.07	0.00
tblWater	OutdoorWaterUseRate	11,501,101.91	13,665,750.00
tblWater	OutdoorWaterUseRate	1,361,669.84	0.00
tblWater	OutdoorWaterUseRate	81,560.30	0.00

## 2.0 Emissions Summary

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2198	2.2659	1.4790	2.9900e-003	1.1262	0.1061	1.2323	0.5584	0.0976	0.6559	0.0000	262.9269	262.9269	0.0824	0.0000	264.9857
2023	0.8733	3.7481	4.2893	0.0103	0.7405	0.1427	0.8833	0.2327	0.1334	0.3662	0.0000	921.1515	921.1515	0.1449	0.0000	924.7739
2024	1.3612	4.7114	5.1076	0.0126	1.3258	0.1759	1.5017	0.5619	0.1639	0.7257	0.0000	1,124.2123	1,124.2123	0.1902	0.0000	1,128.9671
2025	1.8000	2.5034	3.5325	8.7200e-003	0.4478	0.0812	0.5291	0.1199	0.0766	0.1965	0.0000	781.7747	781.7747	0.0936	0.0000	784.1142
<b>Maximum</b>	<b>1.8000</b>	<b>4.7114</b>	<b>5.1076</b>	<b>0.0126</b>	<b>1.3258</b>	<b>0.1759</b>	<b>1.5017</b>	<b>0.5619</b>	<b>0.1639</b>	<b>0.7257</b>	<b>0.0000</b>	<b>1,124.2123</b>	<b>1,124.2123</b>	<b>0.1902</b>	<b>0.0000</b>	<b>1,128.9671</b>

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**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2198	2.2659	1.4790	2.9900e-003	1.1262	0.1061	1.2323	0.5584	0.0976	0.6559	0.0000	262.9266	262.9266	0.0824	0.0000	264.9854
2023	0.8733	3.7481	4.2893	0.0103	0.7405	0.1427	0.8833	0.2327	0.1334	0.3662	0.0000	921.1509	921.1509	0.1449	0.0000	924.7733
2024	1.3612	4.7114	5.1076	0.0126	1.3258	0.1759	1.5017	0.5619	0.1639	0.7257	0.0000	1,124.2115	1,124.2115	0.1902	0.0000	1,128.9663
2025	1.8000	2.5034	3.5325	8.7200e-003	0.4478	0.0812	0.5291	0.1199	0.0766	0.1965	0.0000	781.7743	781.7743	0.0936	0.0000	784.1138
<b>Maximum</b>	<b>1.8000</b>	<b>4.7114</b>	<b>5.1076</b>	<b>0.0126</b>	<b>1.3258</b>	<b>0.1759</b>	<b>1.5017</b>	<b>0.5619</b>	<b>0.1639</b>	<b>0.7257</b>	<b>0.0000</b>	<b>1,124.2115</b>	<b>1,124.2115</b>	<b>0.1902</b>	<b>0.0000</b>	<b>1,128.9663</b>

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2022	9-30-2022	1.1951	1.1951
2	10-1-2022	12-31-2022	1.2980	1.2980
3	1-1-2023	3-31-2023	1.9481	1.9481
4	4-1-2023	6-30-2023	0.7284	0.7284
5	7-1-2023	9-30-2023	0.7364	0.7364
6	10-1-2023	12-31-2023	1.2061	1.2061
7	1-1-2024	3-31-2024	2.2371	2.2371
8	4-1-2024	6-30-2024	2.3701	2.3701

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9	7-1-2024	9-30-2024	0.6944	0.6944
10	10-1-2024	12-31-2024	0.7010	0.7010
11	1-1-2025	3-31-2025	0.6438	0.6438
12	4-1-2025	6-30-2025	1.1733	1.1733
13	7-1-2025	9-30-2025	1.1862	1.1862
		Highest	2.3701	2.3701

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4632	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1941	0.8266	2.3118	9.3600e-003	1.1151	6.7100e-003	1.1218	0.2981	6.2500e-003	0.3044	0.0000	860.7822	860.7822	0.0270	0.0000	861.4566
Waste						0.0000	0.0000		0.0000	0.0000	31.1104	0.0000	31.1104	1.8386	0.0000	77.0747
Water						0.0000	0.0000		0.0000	0.0000	4.4524	0.0000	4.4524	0.4573	0.0108	19.1029
<b>Total</b>	<b>1.6573</b>	<b>0.8705</b>	<b>6.1212</b>	<b>9.5600e-003</b>	<b>1.1151</b>	<b>0.0279</b>	<b>1.1429</b>	<b>0.2981</b>	<b>0.0274</b>	<b>0.3255</b>	<b>35.5628</b>	<b>867.0238</b>	<b>902.5866</b>	<b>2.3288</b>	<b>0.0108</b>	<b>964.0250</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	1.4632	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.1941	0.8266	2.3118	9.3600e-003	1.1151	6.7100e-003	1.1218	0.2981	6.2500e-003	0.3044	0.0000	860.7822	860.7822	0.0270	0.0000	861.4566
Waste						0.0000	0.0000		0.0000	0.0000	31.1104	0.0000	31.1104	1.8386	0.0000	77.0747
Water						0.0000	0.0000		0.0000	0.0000	3.5619	0.0000	3.5619	0.3658	8.6400e-003	15.2823
<b>Total</b>	<b>1.6573</b>	<b>0.8705</b>	<b>6.1212</b>	<b>9.5600e-003</b>	<b>1.1151</b>	<b>0.0279</b>	<b>1.1429</b>	<b>0.2981</b>	<b>0.0274</b>	<b>0.3255</b>	<b>34.6723</b>	<b>867.0238</b>	<b>901.6961</b>	<b>2.2374</b>	<b>8.6400e-003</b>	<b>960.2045</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	2.50	0.00	0.10	3.93	20.00	0.40

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - 1	Site Preparation	7/1/2022	11/15/2022	5	98	
2	Grading - 1	Grading	11/16/2022	3/31/2023	5	98	
3	Building Construction - 1 and 2	Building Construction	1/1/2023	12/31/2025	5	783	
4	Architectural Coating - 1	Architectural Coating	10/1/2023	6/28/2024	5	195	
5	Site Preparation - 2	Site Preparation	1/1/2024	3/29/2024	5	65	
6	Grading - 2	Grading	4/1/2024	6/28/2024	5	65	
7	Paving - 1	Paving	6/1/2024	6/28/2024	5	20	
8	Architectural Coating - 2	Architectural Coating	4/1/2025	12/31/2025	5	197	
9	Paving - 2	Paving	12/1/2025	12/26/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.2

Residential Indoor: 244,717; Residential Outdoor: 81,572; Non-Residential Indoor: 3,375; Non-Residential Outdoor: 1,125; Striped Parking Area: 10,992 (Architectural Coating – sqft)

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - 1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 1	Excavators	2	8.00	158	0.38
Grading - 1	Graders	1	8.00	187	0.41
Grading - 1	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 1	Scrapers	2	8.00	367	0.48
Grading - 1	Tractors/Loaders/Backhoes	2	8.00	97	0.37

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Building Construction - 1 and 2	Cranes	1	7.00	231	0.29
Building Construction - 1 and 2	Forklifts	3	8.00	89	0.20
Building Construction - 1 and 2	Generator Sets	1	8.00	84	0.74
Building Construction - 1 and 2	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - 1 and 2	Welders	1	8.00	46	0.45
Architectural Coating - 1	Air Compressors	1	6.00	78	0.48
Site Preparation - 2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - 2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - 2	Excavators	2	8.00	158	0.38
Grading - 2	Graders	1	8.00	187	0.41
Grading - 2	Rubber Tired Dozers	1	8.00	247	0.40
Grading - 2	Scrapers	2	8.00	367	0.48
Grading - 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving - 1	Pavers	2	8.00	130	0.42
Paving - 1	Paving Equipment	2	8.00	132	0.36
Paving - 1	Rollers	2	8.00	80	0.38
Architectural Coating - 2	Air Compressors	1	6.00	78	0.48
Paving - 2	Pavers	2	8.00	130	0.42
Paving - 2	Paving Equipment	2	8.00	132	0.36
Paving - 2	Rollers	2	8.00	80	0.38

**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
Site Preparation - 1	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 1	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - 1 and 2	9	283.00	62.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 1	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - 2	7	18.00	0.00	1,500.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading - 2	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 1	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - 2	1	57.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving - 2	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8853	0.0000	0.8853	0.4866	0.0000	0.4866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1553	1.6211	0.9652	1.8600e-003		0.0790	0.0790		0.0727	0.0727	0.0000	163.8530	163.8530	0.0530	0.0000	165.1779
<b>Total</b>	<b>0.1553</b>	<b>1.6211</b>	<b>0.9652</b>	<b>1.8600e-003</b>	<b>0.8853</b>	<b>0.0790</b>	<b>0.9643</b>	<b>0.4866</b>	<b>0.0727</b>	<b>0.5593</b>	<b>0.0000</b>	<b>163.8530</b>	<b>163.8530</b>	<b>0.0530</b>	<b>0.0000</b>	<b>165.1779</b>



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**3.2 Site Preparation - 1 - 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	3.3800e-003	2.8200e-003	0.0252	7.0000e-005	8.4900e-003	5.0000e-005	8.5400e-003	2.2600e-003	5.0000e-005	2.3000e-003	0.0000	6.6163	6.6163	1.9000e-004	0.0000	6.6210
<b>Total</b>	<b>3.3800e-003</b>	<b>2.8200e-003</b>	<b>0.0252</b>	<b>7.0000e-005</b>	<b>8.4900e-003</b>	<b>5.0000e-005</b>	<b>8.5400e-003</b>	<b>2.2600e-003</b>	<b>5.0000e-005</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>6.6163</b>	<b>6.6163</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>6.6210</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					0.8853	0.0000	0.8853	0.4866	0.0000	0.4866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1553	1.6211	0.9652	1.8600e-003		0.0790	0.0790		0.0727	0.0727	0.0000	163.8528	163.8528	0.0530	0.0000	165.1777
<b>Total</b>	<b>0.1553</b>	<b>1.6211</b>	<b>0.9652</b>	<b>1.8600e-003</b>	<b>0.8853</b>	<b>0.0790</b>	<b>0.9643</b>	<b>0.4866</b>	<b>0.0727</b>	<b>0.5593</b>	<b>0.0000</b>	<b>163.8528</b>	<b>163.8528</b>	<b>0.0530</b>	<b>0.0000</b>	<b>165.1777</b>

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**3.2 Site Preparation - 1 - 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	3.3800e-003	2.8200e-003	0.0252	7.0000e-005	8.4900e-003	5.0000e-005	8.5400e-003	2.2600e-003	5.0000e-005	2.3000e-003	0.0000	6.6163	6.6163	1.9000e-004	0.0000	6.6210
<b>Total</b>	<b>3.3800e-003</b>	<b>2.8200e-003</b>	<b>0.0252</b>	<b>7.0000e-005</b>	<b>8.4900e-003</b>	<b>5.0000e-005</b>	<b>8.5400e-003</b>	<b>2.2600e-003</b>	<b>5.0000e-005</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>6.6163</b>	<b>6.6163</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>6.6210</b>

**3.3 Grading - 1 - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2293	0.0000	0.2293	0.0687	0.0000	0.0687	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0598	0.6409	0.4792	1.0200e-003		0.0270	0.0270		0.0248	0.0248	0.0000	89.9821	89.9821	0.0291	0.0000	90.7096
<b>Total</b>	<b>0.0598</b>	<b>0.6409</b>	<b>0.4792</b>	<b>1.0200e-003</b>	<b>0.2293</b>	<b>0.0270</b>	<b>0.2563</b>	<b>0.0687</b>	<b>0.0248</b>	<b>0.0935</b>	<b>0.0000</b>	<b>89.9821</b>	<b>89.9821</b>	<b>0.0291</b>	<b>0.0000</b>	<b>90.7096</b>

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**3.3 Grading - 1 - 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	1.2600e-003	1.0500e-003	9.4200e-003	3.0000e-005	3.1800e-003	2.0000e-005	3.2000e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.4755	2.4755	7.0000e-005	0.0000	2.4772
<b>Total</b>	<b>1.2600e-003</b>	<b>1.0500e-003</b>	<b>9.4200e-003</b>	<b>3.0000e-005</b>	<b>3.1800e-003</b>	<b>2.0000e-005</b>	<b>3.2000e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.4755</b>	<b>2.4755</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.4772</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					0.2293	0.0000	0.2293	0.0687	0.0000	0.0687	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0598	0.6409	0.4792	1.0200e-003		0.0270	0.0270		0.0248	0.0248	0.0000	89.9820	89.9820	0.0291	0.0000	90.7095
<b>Total</b>	<b>0.0598</b>	<b>0.6409</b>	<b>0.4792</b>	<b>1.0200e-003</b>	<b>0.2293</b>	<b>0.0270</b>	<b>0.2563</b>	<b>0.0687</b>	<b>0.0248</b>	<b>0.0935</b>	<b>0.0000</b>	<b>89.9820</b>	<b>89.9820</b>	<b>0.0291</b>	<b>0.0000</b>	<b>90.7095</b>

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**3.3 Grading - 1 - 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	1.2600e-003	1.0500e-003	9.4200e-003	3.0000e-005	3.1800e-003	2.0000e-005	3.2000e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.4755	2.4755	7.0000e-005	0.0000	2.4772
<b>Total</b>	<b>1.2600e-003</b>	<b>1.0500e-003</b>	<b>9.4200e-003</b>	<b>3.0000e-005</b>	<b>3.1800e-003</b>	<b>2.0000e-005</b>	<b>3.2000e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.4755</b>	<b>2.4755</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.4772</b>

**3.3 Grading - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3256	0.0000	0.3256	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1080	1.1218	0.9117	2.0200e-003		0.0463	0.0463		0.0426	0.0426	0.0000	177.2394	177.2394	0.0573	0.0000	178.6725
<b>Total</b>	<b>0.1080</b>	<b>1.1218</b>	<b>0.9117</b>	<b>2.0200e-003</b>	<b>0.3256</b>	<b>0.0463</b>	<b>0.3719</b>	<b>0.1216</b>	<b>0.0426</b>	<b>0.1642</b>	<b>0.0000</b>	<b>177.2394</b>	<b>177.2394</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6725</b>

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**3.3 Grading - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8700e-003	0.0170	5.0000e-005	6.2600e-003	4.0000e-005	6.3000e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.6931	4.6931	1.2000e-004	0.0000	4.6962
<b>Total</b>	<b>2.3400e-003</b>	<b>1.8700e-003</b>	<b>0.0170</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.3000e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.6931</b>	<b>4.6931</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>4.6962</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					0.3256	0.0000	0.3256	0.1216	0.0000	0.1216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1080	1.1218	0.9117	2.0200e-003		0.0463	0.0463		0.0426	0.0426	0.0000	177.2392	177.2392	0.0573	0.0000	178.6723
<b>Total</b>	<b>0.1080</b>	<b>1.1218</b>	<b>0.9117</b>	<b>2.0200e-003</b>	<b>0.3256</b>	<b>0.0463</b>	<b>0.3719</b>	<b>0.1216</b>	<b>0.0426</b>	<b>0.1642</b>	<b>0.0000</b>	<b>177.2392</b>	<b>177.2392</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6723</b>

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**3.3 Grading - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	1.8700e-003	0.0170	5.0000e-005	6.2600e-003	4.0000e-005	6.3000e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.6931	4.6931	1.2000e-004	0.0000	4.6962
<b>Total</b>	<b>2.3400e-003</b>	<b>1.8700e-003</b>	<b>0.0170</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.3000e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.6931</b>	<b>4.6931</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>4.6962</b>

**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.4 Building Construction - 1 and 2 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0174	0.6011	0.1823	1.5500e-003	0.0366	8.9000e-004	0.0375	0.0106	8.5000e-004	0.0114	0.0000	150.5694	150.5694	7.9800e-003	0.0000	150.7690
Worker	0.1323	0.1056	0.9594	2.9400e-003	0.3542	2.1300e-003	0.3563	0.0941	1.9700e-003	0.0961	0.0000	265.6300	265.6300	6.9300e-003	0.0000	265.8033
<b>Total</b>	<b>0.1496</b>	<b>0.7067</b>	<b>1.1418</b>	<b>4.4900e-003</b>	<b>0.3908</b>	<b>3.0200e-003</b>	<b>0.3938</b>	<b>0.1047</b>	<b>2.8200e-003</b>	<b>0.1075</b>	<b>0.0000</b>	<b>416.1994</b>	<b>416.1994</b>	<b>0.0149</b>	<b>0.0000</b>	<b>416.5723</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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.4 Building Construction - 1 and 2 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0174	0.6011	0.1823	1.5500e-003	0.0366	8.9000e-004	0.0375	0.0106	8.5000e-004	0.0114	0.0000	150.5694	150.5694	7.9800e-003	0.0000	150.7690
Worker	0.1323	0.1056	0.9594	2.9400e-003	0.3542	2.1300e-003	0.3563	0.0941	1.9700e-003	0.0961	0.0000	265.6300	265.6300	6.9300e-003	0.0000	265.8033
<b>Total</b>	<b>0.1496</b>	<b>0.7067</b>	<b>1.1418</b>	<b>4.4900e-003</b>	<b>0.3908</b>	<b>3.0200e-003</b>	<b>0.3938</b>	<b>0.1047</b>	<b>2.8200e-003</b>	<b>0.1075</b>	<b>0.0000</b>	<b>416.1994</b>	<b>416.1994</b>	<b>0.0149</b>	<b>0.0000</b>	<b>416.5723</b>

**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>



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**3.4 Building Construction - 1 and 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0166	0.5921	0.1727	1.5600e-003	0.0369	8.3000e-004	0.0378	0.0107	7.9000e-004	0.0115	0.0000	150.8958	150.8958	8.0900e-003	0.0000	151.0979
Worker	0.1257	0.0961	0.8912	2.8400e-003	0.3569	2.1000e-003	0.3590	0.0949	1.9300e-003	0.0968	0.0000	257.2671	257.2671	6.2700e-003	0.0000	257.4238
<b>Total</b>	<b>0.1423</b>	<b>0.6881</b>	<b>1.0639</b>	<b>4.4000e-003</b>	<b>0.3938</b>	<b>2.9300e-003</b>	<b>0.3968</b>	<b>0.1055</b>	<b>2.7200e-003</b>	<b>0.1082</b>	<b>0.0000</b>	<b>408.1628</b>	<b>408.1628</b>	<b>0.0144</b>	<b>0.0000</b>	<b>408.5217</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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.4 Building Construction - 1 and 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0166	0.5921	0.1727	1.5600e-003	0.0369	8.3000e-004	0.0378	0.0107	7.9000e-004	0.0115	0.0000	150.8958	150.8958	8.0900e-003	0.0000	151.0979
Worker	0.1257	0.0961	0.8912	2.8400e-003	0.3569	2.1000e-003	0.3590	0.0949	1.9300e-003	0.0968	0.0000	257.2671	257.2671	6.2700e-003	0.0000	257.4238
<b>Total</b>	<b>0.1423</b>	<b>0.6881</b>	<b>1.0639</b>	<b>4.4000e-003</b>	<b>0.3938</b>	<b>2.9300e-003</b>	<b>0.3968</b>	<b>0.1055</b>	<b>2.7200e-003</b>	<b>0.1082</b>	<b>0.0000</b>	<b>408.1628</b>	<b>408.1628</b>	<b>0.0144</b>	<b>0.0000</b>	<b>408.5217</b>

**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.4 Building Construction - 1 and 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0157	0.5773	0.1634	1.5400e-003	0.0368	7.6000e-004	0.0376	0.0106	7.3000e-004	0.0114	0.0000	149.5375	149.5375	8.0900e-003	0.0000	149.7398
Worker	0.1185	0.0866	0.8183	2.7200e-003	0.3555	2.0500e-003	0.3576	0.0945	1.8800e-003	0.0964	0.0000	246.0141	246.0141	5.6200e-003	0.0000	246.1546
<b>Total</b>	<b>0.1342</b>	<b>0.6639</b>	<b>0.9817</b>	<b>4.2600e-003</b>	<b>0.3923</b>	<b>2.8100e-003</b>	<b>0.3951</b>	<b>0.1051</b>	<b>2.6100e-003</b>	<b>0.1077</b>	<b>0.0000</b>	<b>395.5516</b>	<b>395.5516</b>	<b>0.0137</b>	<b>0.0000</b>	<b>395.8944</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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.4 Building Construction - 1 and 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0157	0.5773	0.1634	1.5400e-003	0.0368	7.6000e-004	0.0376	0.0106	7.3000e-004	0.0114	0.0000	149.5375	149.5375	8.0900e-003	0.0000	149.7398
Worker	0.1185	0.0866	0.8183	2.7200e-003	0.3555	2.0500e-003	0.3576	0.0945	1.8800e-003	0.0964	0.0000	246.0141	246.0141	5.6200e-003	0.0000	246.1546
<b>Total</b>	<b>0.1342</b>	<b>0.6639</b>	<b>0.9817</b>	<b>4.2600e-003</b>	<b>0.3923</b>	<b>2.8100e-003</b>	<b>0.3951</b>	<b>0.1051</b>	<b>2.6100e-003</b>	<b>0.1077</b>	<b>0.0000</b>	<b>395.5516</b>	<b>395.5516</b>	<b>0.0137</b>	<b>0.0000</b>	<b>395.8944</b>

**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3960					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2300e-003	0.0424	0.0589	1.0000e-004		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	8.2981	8.2981	5.0000e-004	0.0000	8.3105
<b>Total</b>	<b>0.4023</b>	<b>0.0424</b>	<b>0.0589</b>	<b>1.0000e-004</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>8.2981</b>	<b>8.2981</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>8.3105</b>

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**3.5 Architectural Coating - 1 - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6600e-003	5.3200e-003	0.0483	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7400e-003	1.0000e-004	4.8400e-003	0.0000	13.3754	13.3754	3.5000e-004	0.0000	13.3841
<b>Total</b>	<b>6.6600e-003</b>	<b>5.3200e-003</b>	<b>0.0483</b>	<b>1.5000e-004</b>	<b>0.0178</b>	<b>1.1000e-004</b>	<b>0.0179</b>	<b>4.7400e-003</b>	<b>1.0000e-004</b>	<b>4.8400e-003</b>	<b>0.0000</b>	<b>13.3754</b>	<b>13.3754</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>13.3841</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	0.3960					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2300e-003	0.0424	0.0589	1.0000e-004		2.3000e-003	2.3000e-003		2.3000e-003	2.3000e-003	0.0000	8.2981	8.2981	5.0000e-004	0.0000	8.3105
<b>Total</b>	<b>0.4023</b>	<b>0.0424</b>	<b>0.0589</b>	<b>1.0000e-004</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>		<b>2.3000e-003</b>	<b>2.3000e-003</b>	<b>0.0000</b>	<b>8.2981</b>	<b>8.2981</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>8.3105</b>

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**3.5 Architectural Coating - 1 - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6600e-003	5.3200e-003	0.0483	1.5000e-004	0.0178	1.1000e-004	0.0179	4.7400e-003	1.0000e-004	4.8400e-003	0.0000	13.3754	13.3754	3.5000e-004	0.0000	13.3841
<b>Total</b>	<b>6.6600e-003</b>	<b>5.3200e-003</b>	<b>0.0483</b>	<b>1.5000e-004</b>	<b>0.0178</b>	<b>1.1000e-004</b>	<b>0.0179</b>	<b>4.7400e-003</b>	<b>1.0000e-004</b>	<b>4.8400e-003</b>	<b>0.0000</b>	<b>13.3754</b>	<b>13.3754</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>13.3841</b>

**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7921					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0792	0.1177	1.9000e-004		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	16.5962	16.5962	9.3000e-004	0.0000	16.6195
<b>Total</b>	<b>0.8038</b>	<b>0.0792</b>	<b>0.1177</b>	<b>1.9000e-004</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>16.5962</b>	<b>16.5962</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>16.6195</b>

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**3.5 Architectural Coating - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	9.6000e-003	0.0891	2.8000e-004	0.0357	2.1000e-004	0.0359	9.4800e-003	1.9000e-004	9.6700e-003	0.0000	25.7107	25.7107	6.3000e-004	0.0000	25.7264
<b>Total</b>	<b>0.0126</b>	<b>9.6000e-003</b>	<b>0.0891</b>	<b>2.8000e-004</b>	<b>0.0357</b>	<b>2.1000e-004</b>	<b>0.0359</b>	<b>9.4800e-003</b>	<b>1.9000e-004</b>	<b>9.6700e-003</b>	<b>0.0000</b>	<b>25.7107</b>	<b>25.7107</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>25.7264</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	0.7921					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.0792	0.1177	1.9000e-004		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	16.5961	16.5961	9.3000e-004	0.0000	16.6195
<b>Total</b>	<b>0.8038</b>	<b>0.0792</b>	<b>0.1177</b>	<b>1.9000e-004</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>16.5961</b>	<b>16.5961</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>16.6195</b>

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**3.5 Architectural Coating - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0126	9.6000e-003	0.0891	2.8000e-004	0.0357	2.1000e-004	0.0359	9.4800e-003	1.9000e-004	9.6700e-003	0.0000	25.7107	25.7107	6.3000e-004	0.0000	25.7264
<b>Total</b>	<b>0.0126</b>	<b>9.6000e-003</b>	<b>0.0891</b>	<b>2.8000e-004</b>	<b>0.0357</b>	<b>2.1000e-004</b>	<b>0.0359</b>	<b>9.4800e-003</b>	<b>1.9000e-004</b>	<b>9.6700e-003</b>	<b>0.0000</b>	<b>25.7107</b>	<b>25.7107</b>	<b>6.3000e-004</b>	<b>0.0000</b>	<b>25.7264</b>

**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5883	0.0000	0.5883	0.3229	0.0000	0.3229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.8832	0.5959	1.2400e-003		0.0400	0.0400		0.0368	0.0368	0.0000	108.7355	108.7355	0.0352	0.0000	109.6146
<b>Total</b>	<b>0.0865</b>	<b>0.8832</b>	<b>0.5959</b>	<b>1.2400e-003</b>	<b>0.5883</b>	<b>0.0400</b>	<b>0.6282</b>	<b>0.3229</b>	<b>0.0368</b>	<b>0.3597</b>	<b>0.0000</b>	<b>108.7355</b>	<b>108.7355</b>	<b>0.0352</b>	<b>0.0000</b>	<b>109.6146</b>



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**3.6 Site Preparation - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9200e-003	0.1391	0.0427	5.5000e-004	0.0128	3.5000e-004	0.0132	3.5200e-003	3.3000e-004	3.8500e-003	0.0000	54.4586	54.4586	3.2700e-003	0.0000	54.5404
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	1.9800e-003	1.5200e-003	0.0141	4.0000e-005	5.6300e-003	3.0000e-005	5.6600e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.0596	4.0596	1.0000e-004	0.0000	4.0621
<b>Total</b>	<b>5.9000e-003</b>	<b>0.1406</b>	<b>0.0567</b>	<b>5.9000e-004</b>	<b>0.0184</b>	<b>3.8000e-004</b>	<b>0.0188</b>	<b>5.0200e-003</b>	<b>3.6000e-004</b>	<b>5.3800e-003</b>	<b>0.0000</b>	<b>58.5182</b>	<b>58.5182</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>58.6024</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					0.5883	0.0000	0.5883	0.3229	0.0000	0.3229	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.8832	0.5959	1.2400e-003		0.0400	0.0400		0.0368	0.0368	0.0000	108.7353	108.7353	0.0352	0.0000	109.6145
<b>Total</b>	<b>0.0865</b>	<b>0.8832</b>	<b>0.5959</b>	<b>1.2400e-003</b>	<b>0.5883</b>	<b>0.0400</b>	<b>0.6282</b>	<b>0.3229</b>	<b>0.0368</b>	<b>0.3597</b>	<b>0.0000</b>	<b>108.7353</b>	<b>108.7353</b>	<b>0.0352</b>	<b>0.0000</b>	<b>109.6145</b>

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**3.6 Site Preparation - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.9200e-003	0.1391	0.0427	5.5000e-004	0.0128	3.5000e-004	0.0132	3.5200e-003	3.3000e-004	3.8500e-003	0.0000	54.4586	54.4586	3.2700e-003	0.0000	54.5404
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	1.9800e-003	1.5200e-003	0.0141	4.0000e-005	5.6300e-003	3.0000e-005	5.6600e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.0596	4.0596	1.0000e-004	0.0000	4.0621
<b>Total</b>	<b>5.9000e-003</b>	<b>0.1406</b>	<b>0.0567</b>	<b>5.9000e-004</b>	<b>0.0184</b>	<b>3.8000e-004</b>	<b>0.0188</b>	<b>5.0200e-003</b>	<b>3.6000e-004</b>	<b>5.3800e-003</b>	<b>0.0000</b>	<b>58.5182</b>	<b>58.5182</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>58.6024</b>

**3.7 Grading - 2 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2819	0.0000	0.2819	0.1169	0.0000	0.1169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1046	1.0523	0.9010	2.0200e-003		0.0434	0.0434		0.0399	0.0399	0.0000	177.1885	177.1885	0.0573	0.0000	178.6211
<b>Total</b>	<b>0.1046</b>	<b>1.0523</b>	<b>0.9010</b>	<b>2.0200e-003</b>	<b>0.2819</b>	<b>0.0434</b>	<b>0.3253</b>	<b>0.1169</b>	<b>0.0399</b>	<b>0.1568</b>	<b>0.0000</b>	<b>177.1885</b>	<b>177.1885</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6211</b>

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**3.7 Grading - 2 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.6800e-003	0.0156	5.0000e-005	6.2600e-003	4.0000e-005	6.2900e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.5107	4.5107	1.1000e-004	0.0000	4.5134
<b>Total</b>	<b>2.2000e-003</b>	<b>1.6800e-003</b>	<b>0.0156</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.2900e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.5107</b>	<b>4.5107</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.5134</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					0.2819	0.0000	0.2819	0.1169	0.0000	0.1169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1046	1.0523	0.9010	2.0200e-003		0.0434	0.0434		0.0399	0.0399	0.0000	177.1882	177.1882	0.0573	0.0000	178.6209
<b>Total</b>	<b>0.1046</b>	<b>1.0523</b>	<b>0.9010</b>	<b>2.0200e-003</b>	<b>0.2819</b>	<b>0.0434</b>	<b>0.3253</b>	<b>0.1169</b>	<b>0.0399</b>	<b>0.1568</b>	<b>0.0000</b>	<b>177.1882</b>	<b>177.1882</b>	<b>0.0573</b>	<b>0.0000</b>	<b>178.6209</b>

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**3.7 Grading - 2 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.6800e-003	0.0156	5.0000e-005	6.2600e-003	4.0000e-005	6.2900e-003	1.6600e-003	3.0000e-005	1.7000e-003	0.0000	4.5107	4.5107	1.1000e-004	0.0000	4.5134
<b>Total</b>	<b>2.2000e-003</b>	<b>1.6800e-003</b>	<b>0.0156</b>	<b>5.0000e-005</b>	<b>6.2600e-003</b>	<b>4.0000e-005</b>	<b>6.2900e-003</b>	<b>1.6600e-003</b>	<b>3.0000e-005</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>4.5107</b>	<b>4.5107</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.5134</b>

**3.8 Paving - 1 - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0101</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1885</b>

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**3.8 Paving - 1 - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.9000e-004	3.6100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0409	1.0409	3.0000e-005	0.0000	1.0416
<b>Total</b>	<b>5.1000e-004</b>	<b>3.9000e-004</b>	<b>3.6100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0416</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	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0101</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1884</b>

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**3.8 Paving - 1 - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.9000e-004	3.6100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0409	1.0409	3.0000e-005	0.0000	1.0416
<b>Total</b>	<b>5.1000e-004</b>	<b>3.9000e-004</b>	<b>3.6100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0409</b>	<b>1.0409</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0416</b>

**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4426					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1128	0.1782	2.9000e-004		5.0700e-003	5.0700e-003		5.0700e-003	5.0700e-003	0.0000	25.1496	25.1496	1.3700e-003	0.0000	25.1839
<b>Total</b>	<b>1.4595</b>	<b>0.1128</b>	<b>0.1782</b>	<b>2.9000e-004</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>	<b>0.0000</b>	<b>25.1496</b>	<b>25.1496</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>25.1839</b>

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**3.9 Architectural Coating - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0180	0.0132	0.1244	4.1000e-004	0.0541	3.1000e-004	0.0544	0.0144	2.9000e-004	0.0147	0.0000	37.4002	37.4002	8.5000e-004	0.0000	37.4216
<b>Total</b>	<b>0.0180</b>	<b>0.0132</b>	<b>0.1244</b>	<b>4.1000e-004</b>	<b>0.0541</b>	<b>3.1000e-004</b>	<b>0.0544</b>	<b>0.0144</b>	<b>2.9000e-004</b>	<b>0.0147</b>	<b>0.0000</b>	<b>37.4002</b>	<b>37.4002</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>37.4216</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4426					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0168	0.1128	0.1782	2.9000e-004		5.0700e-003	5.0700e-003		5.0700e-003	5.0700e-003	0.0000	25.1495	25.1495	1.3700e-003	0.0000	25.1838
<b>Total</b>	<b>1.4595</b>	<b>0.1128</b>	<b>0.1782</b>	<b>2.9000e-004</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>		<b>5.0700e-003</b>	<b>5.0700e-003</b>	<b>0.0000</b>	<b>25.1495</b>	<b>25.1495</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>25.1838</b>

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**3.9 Architectural Coating - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0180	0.0132	0.1244	4.1000e-004	0.0541	3.1000e-004	0.0544	0.0144	2.9000e-004	0.0147	0.0000	37.4002	37.4002	8.5000e-004	0.0000	37.4216
<b>Total</b>	<b>0.0180</b>	<b>0.0132</b>	<b>0.1244</b>	<b>4.1000e-004</b>	<b>0.0541</b>	<b>3.1000e-004</b>	<b>0.0544</b>	<b>0.0144</b>	<b>2.9000e-004</b>	<b>0.0147</b>	<b>0.0000</b>	<b>37.4002</b>	<b>37.4002</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>37.4216</b>

**3.10 Paving - 2 - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>9.4100e-003</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0193</b>	<b>20.0193</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>



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**3.10 Paving - 2 - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
<b>Total</b>	<b>4.8000e-004</b>	<b>3.5000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>0.9992</b>	<b>0.9992</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9998</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	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>9.4100e-003</b>	<b>0.0858</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>4.1900e-003</b>	<b>4.1900e-003</b>		<b>3.8500e-003</b>	<b>3.8500e-003</b>	<b>0.0000</b>	<b>20.0192</b>	<b>20.0192</b>	<b>6.4700e-003</b>	<b>0.0000</b>	<b>20.1811</b>

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**3.10 Paving - 2 - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.5000e-004	3.3200e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9992	0.9992	2.0000e-005	0.0000	0.9998
<b>Total</b>	<b>4.8000e-004</b>	<b>3.5000e-004</b>	<b>3.3200e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>0.9992</b>	<b>0.9992</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9998</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	0.1941	0.8266	2.3118	9.3600e-003	1.1151	6.7100e-003	1.1218	0.2981	6.2500e-003	0.3044	0.0000	860.7822	860.7822	0.0270	0.0000	861.4566
Unmitigated	0.1941	0.8266	2.3118	9.3600e-003	1.1151	6.7100e-003	1.1218	0.2981	6.2500e-003	0.3044	0.0000	860.7822	860.7822	0.0270	0.0000	861.4566

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	862.40	1,206.80	960.40	1,920,435	1,920,435
General Office Building	127.38	30.75	13.13	894,887	894,887
Health Club	22.93	5.54	2.36	161,080	161,080
Parking Lot	0.00	0.00	0.00		
<b>Total</b>	<b>1,012.70</b>	<b>1,243.09</b>	<b>975.89</b>	<b>2,976,401</b>	<b>2,976,401</b>

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
Condo/Townhouse High Rise	5.70	5.70	5.70	35.80	21.00	43.20	100	0	0
General Office Building	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Health Club	25.28	25.28	25.28	33.00	48.00	19.00	100	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix







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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			
Condo/Townhouse High Rise	855148	0.0000	0.0000	0.0000	0.0000
General Office Building	185500	0.0000	0.0000	0.0000	0.0000
Health Club	18585	0.0000	0.0000	0.0000	0.0000
Parking Lot	64120	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	855148	0.0000	0.0000	0.0000	0.0000
General Office Building	185500	0.0000	0.0000	0.0000	0.0000
Health Club	18585	0.0000	0.0000	0.0000	0.0000
Parking Lot	64120	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4632	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909
Unmitigated	1.4632	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909

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	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0896					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1144	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909
<b>Total</b>	<b>1.4632</b>	<b>0.0439</b>	<b>3.8094</b>	<b>2.0000e-004</b>		<b>0.0212</b>	<b>0.0212</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>6.2416</b>	<b>6.2416</b>	<b>5.9700e-003</b>	<b>0.0000</b>	<b>6.3909</b>

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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0896					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1144	0.0439	3.8094	2.0000e-004		0.0212	0.0212		0.0212	0.0212	0.0000	6.2416	6.2416	5.9700e-003	0.0000	6.3909
<b>Total</b>	<b>1.4632</b>	<b>0.0439</b>	<b>3.8094</b>	<b>2.0000e-004</b>		<b>0.0212</b>	<b>0.0212</b>		<b>0.0212</b>	<b>0.0212</b>	<b>0.0000</b>	<b>6.2416</b>	<b>6.2416</b>	<b>5.9700e-003</b>	<b>0.0000</b>	<b>6.3909</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.5619	0.3658	8.6400e-003	15.2823
Unmitigated	4.4524	0.4573	0.0108	19.1029

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	14.0343 / 13.6657	4.4524	0.4573	0.0108	19.1029
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>4.4524</b>	<b>0.4573</b>	<b>0.0108</b>	<b>19.1029</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	11.2274 / 13.6657	3.5619	0.3658	8.6400e-003	15.2823
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>3.5619</b>	<b>0.3658</b>	<b>8.6400e-003</b>	<b>15.2823</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	31.1104	1.8386	0.0000	77.0747
Unmitigated	31.1104	1.8386	0.0000	77.0747

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	128.8	26.1452	1.5451	0.0000	64.7737
General Office Building	11.63	2.3608	0.1395	0.0000	5.8487
Health Club	12.83	2.6044	0.1539	0.0000	6.4522
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>31.1104</b>	<b>1.8386</b>	<b>0.0000</b>	<b>77.0747</b>

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**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	128.8	26.1452	1.5451	0.0000	64.7737
General Office Building	11.63	2.3608	0.1395	0.0000	5.8487
Health Club	12.83	2.6044	0.1539	0.0000	6.4522
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>31.1104</b>	<b>1.8386</b>	<b>0.0000</b>	<b>77.0747</b>

**9.0 Operational Offroad**

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

**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**

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Equipment Type	Number
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## 11.0 Vegetation

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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Annual

**600 Tank Farm Road - Transportation Improvements**  
**San Luis Obispo County APCD Air District, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	122.99	<b>CH4 Intensity (lb/MWhr)</b>	0.013	<b>N2O Intensity (lb/MWhr)</b>	0.003

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



## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Annual

Project Characteristics - Utility factors per 2030 RPS

Land Use -

Construction Phase -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Road Dust - Road Dust per CalEEMod User Guide

Area Coating -

Energy Use -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	7318	8102
tblConstructionPhase	NumDays	6.00	8.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	3.00	5.00
tblGrading	AcresOfGrading	7.50	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	122.99
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4

## 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	7-1-2022	9-30-2022	0.1224	0.1224
5	7-1-2023	9-30-2023	0.0856	0.0856
		Highest	0.1224	0.1224

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	0.0107	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0107</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</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	0.0107	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0107</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/29/2022	8/4/2022	5	5	
2	Grading	Grading	8/5/2022	8/16/2022	5	8	
3	Paving	Paving	7/5/2023	7/28/2023	5	18	

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

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 2.8**

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

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

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**3.1 Mitigation Measures Construction**

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4500e-003	0.0392	0.0251	6.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303
<b>Total</b>	<b>3.4500e-003</b>	<b>0.0392</b>	<b>0.0251</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.4900e-003</b>	<b>1.4900e-003</b>	<b>0.0000</b>	<b>1.3700e-003</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>5.3868</b>	<b>5.3868</b>	<b>1.7400e-003</b>	<b>0.0000</b>	<b>5.4303</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
<b>Total</b>	<b>8.0000e-005</b>	<b>6.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1500</b>	<b>0.1500</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1501</b>

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**3.2 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4500e-003	0.0392	0.0251	6.0000e-005		1.4900e-003	1.4900e-003		1.3700e-003	1.3700e-003	0.0000	5.3868	5.3868	1.7400e-003	0.0000	5.4303
<b>Total</b>	<b>3.4500e-003</b>	<b>0.0392</b>	<b>0.0251</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.4900e-003</b>	<b>1.4900e-003</b>	<b>0.0000</b>	<b>1.3700e-003</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>5.3868</b>	<b>5.3868</b>	<b>1.7400e-003</b>	<b>0.0000</b>	<b>5.4303</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	5.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1500	0.1500	0.0000	0.0000	0.1501
<b>Total</b>	<b>8.0000e-005</b>	<b>6.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1500</b>	<b>0.1500</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1501</b>

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**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1600e-003	0.0679	0.0369	8.0000e-005		2.9700e-003	2.9700e-003		2.7300e-003	2.7300e-003	0.0000	7.2411	7.2411	2.3400e-003	0.0000	7.2996
<b>Total</b>	<b>6.1600e-003</b>	<b>0.0679</b>	<b>0.0369</b>	<b>8.0000e-005</b>	<b>0.0262</b>	<b>2.9700e-003</b>	<b>0.0292</b>	<b>0.0135</b>	<b>2.7300e-003</b>	<b>0.0162</b>	<b>0.0000</b>	<b>7.2411</b>	<b>7.2411</b>	<b>2.3400e-003</b>	<b>0.0000</b>	<b>7.2996</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	1.5000e-004	1.3000e-004	1.1400e-003	0.0000	3.9000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3001	0.3001	1.0000e-005	0.0000	0.3003
<b>Total</b>	<b>1.5000e-004</b>	<b>1.3000e-004</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3001</b>	<b>0.3001</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3003</b>



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**3.3 Grading - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1600e-003	0.0679	0.0369	8.0000e-005		2.9700e-003	2.9700e-003		2.7300e-003	2.7300e-003	0.0000	7.2411	7.2411	2.3400e-003	0.0000	7.2996
<b>Total</b>	<b>6.1600e-003</b>	<b>0.0679</b>	<b>0.0369</b>	<b>8.0000e-005</b>	<b>0.0262</b>	<b>2.9700e-003</b>	<b>0.0292</b>	<b>0.0135</b>	<b>2.7300e-003</b>	<b>0.0162</b>	<b>0.0000</b>	<b>7.2411</b>	<b>7.2411</b>	<b>2.3400e-003</b>	<b>0.0000</b>	<b>7.2996</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	1.5000e-004	1.3000e-004	1.1400e-003	0.0000	3.9000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3001	0.3001	1.0000e-005	0.0000	0.3003
<b>Total</b>	<b>1.5000e-004</b>	<b>1.3000e-004</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>3.9000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3001</b>	<b>0.3001</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3003</b>

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**3.4 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.9200e-003	0.0775	0.1052	1.6000e-004		3.9000e-003	3.9000e-003		3.6000e-003	3.6000e-003	0.0000	13.9615	13.9615	4.4200e-003	0.0000	14.0721
Paving	3.6700e-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>0.0116</b>	<b>0.0775</b>	<b>0.1052</b>	<b>1.6000e-004</b>		<b>3.9000e-003</b>	<b>3.9000e-003</b>		<b>3.6000e-003</b>	<b>3.6000e-003</b>	<b>0.0000</b>	<b>13.9615</b>	<b>13.9615</b>	<b>4.4200e-003</b>	<b>0.0000</b>	<b>14.0721</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	4.9000e-004	3.9000e-004	3.5200e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.5000e-004	0.0000	0.9747	0.9747	3.0000e-005	0.0000	0.9754
<b>Total</b>	<b>4.9000e-004</b>	<b>3.9000e-004</b>	<b>3.5200e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>1.0000e-005</b>	<b>1.3100e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>0.9747</b>	<b>0.9747</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.9754</b>

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**3.4 Paving - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.9200e-003	0.0775	0.1052	1.6000e-004		3.9000e-003	3.9000e-003		3.6000e-003	3.6000e-003	0.0000	13.9615	13.9615	4.4200e-003	0.0000	14.0721
Paving	3.6700e-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>0.0116</b>	<b>0.0775</b>	<b>0.1052</b>	<b>1.6000e-004</b>		<b>3.9000e-003</b>	<b>3.9000e-003</b>		<b>3.6000e-003</b>	<b>3.6000e-003</b>	<b>0.0000</b>	<b>13.9615</b>	<b>13.9615</b>	<b>4.4200e-003</b>	<b>0.0000</b>	<b>14.0721</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	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	4.9000e-004	3.9000e-004	3.5200e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.5000e-004	0.0000	0.9747	0.9747	3.0000e-005	0.0000	0.9754
<b>Total</b>	<b>4.9000e-004</b>	<b>3.9000e-004</b>	<b>3.5200e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>1.0000e-005</b>	<b>1.3100e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>0.9747</b>	<b>0.9747</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.9754</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

**4.2 Trip Summary Information**

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

**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
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016





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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			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

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

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

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	ROG	NOx	CO	SO2	Fugitive 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	0.0107	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Unmitigated	0.0107	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

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	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
<b>Total</b>	<b>0.0107</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</b>



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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
<b>Total</b>	<b>0.0107</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

**7.2 Water by Land Use**

**Unmitigated**

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

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**7.2 Water by Land Use**

**Mitigated**

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

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

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

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**8.2 Waste by Land Use**

**Unmitigated**

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

**Mitigated**

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

**9.0 Operational Offroad**

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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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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**600 Tank Farm Road - Transportation Improvements**  
**San Luis Obispo County APCD Air District, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	122.99	<b>CH4 Intensity (lb/MWhr)</b>	0.013	<b>N2O Intensity (lb/MWhr)</b>	0.003

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

## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

## Project Characteristics - Utility factors per 2030 RPS

Land Use -

Construction Phase -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Road Dust - Road Dust per CalEEMod User Guide

Area Coating -

Energy Use -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	7318	8102
tblConstructionPhase	NumDays	6.00	8.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	3.00	5.00
tblGrading	AcresOfGrading	7.50	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	122.99
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4

## 2.0 Emissions Summary

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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/29/2022	8/4/2022	5	5	
2	Grading	Grading	8/5/2022	8/16/2022	5	8	
3	Paving	Paving	7/5/2023	7/28/2023	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 2.8

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476		2,375.1569	2,375.1569	0.7682		2,394.3613
<b>Total</b>	<b>1.3784</b>	<b>15.6673</b>	<b>10.0558</b>	<b>0.0245</b>	<b>0.0000</b>	<b>0.5952</b>	<b>0.5952</b>	<b>0.0000</b>	<b>0.5476</b>	<b>0.5476</b>		<b>2,375.1569</b>	<b>2,375.1569</b>	<b>0.7682</b>		<b>2,394.3613</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
<b>Total</b>	<b>0.0299</b>	<b>0.0230</b>	<b>0.2366</b>	<b>6.9000e-004</b>	<b>0.0791</b>	<b>4.8000e-004</b>	<b>0.0796</b>	<b>0.0210</b>	<b>4.4000e-004</b>	<b>0.0214</b>		<b>68.8395</b>	<b>68.8395</b>	<b>1.9200e-003</b>		<b>68.8876</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.2 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613
<b>Total</b>	<b>1.3784</b>	<b>15.6673</b>	<b>10.0558</b>	<b>0.0245</b>	<b>0.0000</b>	<b>0.5952</b>	<b>0.5952</b>	<b>0.0000</b>	<b>0.5476</b>	<b>0.5476</b>	<b>0.0000</b>	<b>2,375.1569</b>	<b>2,375.1569</b>	<b>0.7682</b>		<b>2,394.3613</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0230	0.2366	6.9000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		68.8395	68.8395	1.9200e-003		68.8876
<b>Total</b>	<b>0.0299</b>	<b>0.0230</b>	<b>0.2366</b>	<b>6.9000e-004</b>	<b>0.0791</b>	<b>4.8000e-004</b>	<b>0.0796</b>	<b>0.0210</b>	<b>4.4000e-004</b>	<b>0.0214</b>		<b>68.8395</b>	<b>68.8395</b>	<b>1.9200e-003</b>		<b>68.8876</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.7423</b>	<b>7.2946</b>	<b>3.3675</b>	<b>0.6829</b>	<b>4.0504</b>		<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
<b>Total</b>	<b>0.0374</b>	<b>0.0287</b>	<b>0.2958</b>	<b>8.6000e-004</b>	<b>0.0989</b>	<b>5.9000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>5.5000e-004</b>	<b>0.0268</b>		<b>86.0494</b>	<b>86.0494</b>	<b>2.4000e-003</b>		<b>86.1095</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.3 Grading - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.7423</b>	<b>7.2946</b>	<b>3.3675</b>	<b>0.6829</b>	<b>4.0504</b>	<b>0.0000</b>	<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0287	0.2958	8.6000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		86.0494	86.0494	2.4000e-003		86.1095
<b>Total</b>	<b>0.0374</b>	<b>0.0287</b>	<b>0.2958</b>	<b>8.6000e-004</b>	<b>0.0989</b>	<b>5.9000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>5.5000e-004</b>	<b>0.0268</b>		<b>86.0494</b>	<b>86.0494</b>	<b>2.4000e-003</b>		<b>86.1095</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.4 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8802	8.6098	11.6840	0.0179		0.4338	0.4338		0.4003	0.4003		1,709.9926	1,709.9926	0.5420		1,723.5414
Paving	0.4076					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2878</b>	<b>8.6098</b>	<b>11.6840</b>	<b>0.0179</b>		<b>0.4338</b>	<b>0.4338</b>		<b>0.4003</b>	<b>0.4003</b>		<b>1,709.9926</b>	<b>1,709.9926</b>	<b>0.5420</b>		<b>1,723.5414</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0387	0.4060	1.2500e-003	0.1483	8.7000e-004	0.1492	0.0393	8.0000e-004	0.0401		124.2316	124.2316	3.2200e-003		124.3122
<b>Total</b>	<b>0.0526</b>	<b>0.0387</b>	<b>0.4060</b>	<b>1.2500e-003</b>	<b>0.1483</b>	<b>8.7000e-004</b>	<b>0.1492</b>	<b>0.0393</b>	<b>8.0000e-004</b>	<b>0.0401</b>		<b>124.2316</b>	<b>124.2316</b>	<b>3.2200e-003</b>		<b>124.3122</b>



600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**3.4 Paving - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8802	8.6098	11.6840	0.0179		0.4338	0.4338		0.4003	0.4003	0.0000	1,709.9926	1,709.9926	0.5420		1,723.5414
Paving	0.4076					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2878</b>	<b>8.6098</b>	<b>11.6840</b>	<b>0.0179</b>		<b>0.4338</b>	<b>0.4338</b>		<b>0.4003</b>	<b>0.4003</b>	<b>0.0000</b>	<b>1,709.9926</b>	<b>1,709.9926</b>	<b>0.5420</b>		<b>1,723.5414</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0387	0.4060	1.2500e-003	0.1483	8.7000e-004	0.1492	0.0393	8.0000e-004	0.0401		124.2316	124.2316	3.2200e-003		124.3122
<b>Total</b>	<b>0.0526</b>	<b>0.0387</b>	<b>0.4060</b>	<b>1.2500e-003</b>	<b>0.1483</b>	<b>8.7000e-004</b>	<b>0.1492</b>	<b>0.0393</b>	<b>8.0000e-004</b>	<b>0.0401</b>		<b>124.2316</b>	<b>124.2316</b>	<b>3.2200e-003</b>		<b>124.3122</b>

**4.0 Operational Detail - Mobile**

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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**4.1 Mitigation Measures Mobile**

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

**4.2 Trip Summary Information**

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

**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
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Unmitigated	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004

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	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>		<b>6.5000e-004</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>		<b>6.5000e-004</b>

**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**

## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Summer

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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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**600 Tank Farm Road - Transportation Improvements**  
**San Luis Obispo County APCD Air District, Winter**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.80	Acre	2.80	121,968.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2026
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	122.99	<b>CH4 Intensity (lb/MWhr)</b>	0.013	<b>N2O Intensity (lb/MWhr)</b>	0.003

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



## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

## Project Characteristics - Utility factors per 2030 RPS

Land Use -

Construction Phase -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Road Dust - Road Dust per CalEEMod User Guide

Area Coating -

Energy Use -

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	7318	8102
tblConstructionPhase	NumDays	6.00	8.00
tblConstructionPhase	NumDays	10.00	18.00
tblConstructionPhase	NumDays	3.00	5.00
tblGrading	AcresOfGrading	7.50	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	122.99
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4

## 2.0 Emissions Summary

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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/29/2022	8/4/2022	5	5	
2	Grading	Grading	8/5/2022	8/16/2022	5	8	
3	Paving	Paving	7/5/2023	7/28/2023	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 2.8

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476		2,375.1569	2,375.1569	0.7682		2,394.3613
<b>Total</b>	<b>1.3784</b>	<b>15.6673</b>	<b>10.0558</b>	<b>0.0245</b>	<b>0.0000</b>	<b>0.5952</b>	<b>0.5952</b>	<b>0.0000</b>	<b>0.5476</b>	<b>0.5476</b>		<b>2,375.1569</b>	<b>2,375.1569</b>	<b>0.7682</b>		<b>2,394.3613</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
<b>Total</b>	<b>0.0342</b>	<b>0.0260</b>	<b>0.2291</b>	<b>6.6000e-004</b>	<b>0.0791</b>	<b>4.8000e-004</b>	<b>0.0796</b>	<b>0.0210</b>	<b>4.4000e-004</b>	<b>0.0214</b>		<b>65.6169</b>	<b>65.6169</b>	<b>1.8500e-003</b>		<b>65.6632</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.2 Site Preparation - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3784	15.6673	10.0558	0.0245		0.5952	0.5952		0.5476	0.5476	0.0000	2,375.1569	2,375.1569	0.7682		2,394.3613
<b>Total</b>	<b>1.3784</b>	<b>15.6673</b>	<b>10.0558</b>	<b>0.0245</b>	<b>0.0000</b>	<b>0.5952</b>	<b>0.5952</b>	<b>0.0000</b>	<b>0.5476</b>	<b>0.5476</b>	<b>0.0000</b>	<b>2,375.1569</b>	<b>2,375.1569</b>	<b>0.7682</b>		<b>2,394.3613</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0342	0.0260	0.2291	6.6000e-004	0.0791	4.8000e-004	0.0796	0.0210	4.4000e-004	0.0214		65.6169	65.6169	1.8500e-003		65.6632
<b>Total</b>	<b>0.0342</b>	<b>0.0260</b>	<b>0.2291</b>	<b>6.6000e-004</b>	<b>0.0791</b>	<b>4.8000e-004</b>	<b>0.0796</b>	<b>0.0210</b>	<b>4.4000e-004</b>	<b>0.0214</b>		<b>65.6169</b>	<b>65.6169</b>	<b>1.8500e-003</b>		<b>65.6632</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.7423</b>	<b>7.2946</b>	<b>3.3675</b>	<b>0.6829</b>	<b>4.0504</b>		<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
<b>Total</b>	<b>0.0428</b>	<b>0.0326</b>	<b>0.2863</b>	<b>8.2000e-004</b>	<b>0.0989</b>	<b>5.9000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>5.5000e-004</b>	<b>0.0268</b>		<b>82.0212</b>	<b>82.0212</b>	<b>2.3200e-003</b>		<b>82.0790</b>



600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.3 Grading - 2022**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.5523</b>	<b>0.7423</b>	<b>7.2946</b>	<b>3.3675</b>	<b>0.6829</b>	<b>4.0504</b>	<b>0.0000</b>	<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0428	0.0326	0.2863	8.2000e-004	0.0989	5.9000e-004	0.0995	0.0262	5.5000e-004	0.0268		82.0212	82.0212	2.3200e-003		82.0790
<b>Total</b>	<b>0.0428</b>	<b>0.0326</b>	<b>0.2863</b>	<b>8.2000e-004</b>	<b>0.0989</b>	<b>5.9000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>5.5000e-004</b>	<b>0.0268</b>		<b>82.0212</b>	<b>82.0212</b>	<b>2.3200e-003</b>		<b>82.0790</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.4 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8802	8.6098	11.6840	0.0179		0.4338	0.4338		0.4003	0.4003		1,709.9926	1,709.9926	0.5420		1,723.5414
Paving	0.4076					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2878</b>	<b>8.6098</b>	<b>11.6840</b>	<b>0.0179</b>		<b>0.4338</b>	<b>0.4338</b>		<b>0.4003</b>	<b>0.4003</b>		<b>1,709.9926</b>	<b>1,709.9926</b>	<b>0.5420</b>		<b>1,723.5414</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0439	0.3919	1.1900e-003	0.1483	8.7000e-004	0.1492	0.0393	8.0000e-004	0.0401		118.4177	118.4177	3.1000e-003		118.4951
<b>Total</b>	<b>0.0604</b>	<b>0.0439</b>	<b>0.3919</b>	<b>1.1900e-003</b>	<b>0.1483</b>	<b>8.7000e-004</b>	<b>0.1492</b>	<b>0.0393</b>	<b>8.0000e-004</b>	<b>0.0401</b>		<b>118.4177</b>	<b>118.4177</b>	<b>3.1000e-003</b>		<b>118.4951</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**3.4 Paving - 2023**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8802	8.6098	11.6840	0.0179		0.4338	0.4338		0.4003	0.4003	0.0000	1,709.9926	1,709.9926	0.5420		1,723.5414
Paving	0.4076					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2878</b>	<b>8.6098</b>	<b>11.6840</b>	<b>0.0179</b>		<b>0.4338</b>	<b>0.4338</b>		<b>0.4003</b>	<b>0.4003</b>	<b>0.0000</b>	<b>1,709.9926</b>	<b>1,709.9926</b>	<b>0.5420</b>		<b>1,723.5414</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0604	0.0439	0.3919	1.1900e-003	0.1483	8.7000e-004	0.1492	0.0393	8.0000e-004	0.0401		118.4177	118.4177	3.1000e-003		118.4951
<b>Total</b>	<b>0.0604</b>	<b>0.0439</b>	<b>0.3919</b>	<b>1.1900e-003</b>	<b>0.1483</b>	<b>8.7000e-004</b>	<b>0.1492</b>	<b>0.0393</b>	<b>8.0000e-004</b>	<b>0.0401</b>		<b>118.4177</b>	<b>118.4177</b>	<b>3.1000e-003</b>		<b>118.4951</b>

**4.0 Operational Detail - Mobile**

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600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**4.1 Mitigation Measures Mobile**

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

**4.2 Trip Summary Information**

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

**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
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.598707	0.026478	0.198533	0.109950	0.019088	0.005179	0.012618	0.019740	0.002283	0.001113	0.004555	0.000739	0.001016

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD 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	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
Unmitigated	0.0587	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004

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	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>		<b>6.5000e-004</b>

600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0432					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	2.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		6.1000e-004	6.1000e-004	0.0000		6.5000e-004
<b>Total</b>	<b>0.0587</b>	<b>0.0000</b>	<b>2.9000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>		<b>6.5000e-004</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators



## 600 Tank Farm Road - Transportation Improvements - San Luis Obispo County APCD Air District, Winter

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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## N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 20-09794 600 Tank Farm

Vehicle Population Breakdown*	
281904	Gasoline vehicles
16037	Diesel vehicles
94.6%	Gasoline vehicle %
5.4%	Diesel vehicle %

VMT per Vehicle Type	
2975480	Project VMT
2815322	Gasoline vehicle VMT
160158	Diesel vehicle VMT

Gasoline Vehicles	
94.6%	Gasoline vehicle %
0.8266	Tons per year mobile NOX emissions (annual output in CalEEMod)
0.78	Gasoline vehicle tons per year NOX emissions
0.0516	Tons per year N2O emissions for gasoline vehicles**
0.0468	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.44	Diesel average miles per gallon*
0.06827	grams per mile N2O for diesel vehicles
10933.6	grams per year N2O for diesel vehicles
0.0109336	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.0577	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
<b>17.2</b>	<b>CO2e emissions per year from N2O emissions from gasoline + diesel vehicles</b>

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

# 600 Tank Farm Road - Project Site

Last Updated: 02/22/2021

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors [1]:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529
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*Values above are expressed in gallons per horsepower-hour/BSFC.*

CONSTRUCTION EQUIPMENT							
Construction Equipment	#	Hours per		Load		Construction Phase	Fuel Used (gallons)
		Day	Horsepower	Factor	Factor		
Rubber Tired Dozers	3	8	247	0.4	0.4	Site Preparation Phase - 1	12,283.25
Tractors/Loaders/Backhoes	4	8	97	0.37	0.37	Site Preparation Phase - 1	6,613.97
Rubber Tired Dozers	3	8	247	0.4	0.4	Site Preparation Phase - 2	8,147.05
Tractors/Loaders/Backhoes	4	8	97	0.37	0.37	Site Preparation Phase - 2	4,386.82
Excavators	2	8	158	0.38	0.38	Grading Phase - 1	4,976.29
Graders	1	8	187	0.41	0.41	Grading Phase - 1	3,177.32
Rubber Tired Dozers	1	8	247	0.4	0.4	Grading Phase - 1	4,094.42
Scrapers	2	8	367	0.48	0.48	Grading Phase - 1	14,600.65
Tractors/Loaders/Backhoes	2	8	97	0.37	0.37	Grading Phase - 1	3,306.99
Excavators	2	8	158	0.38	0.38	Grading Phase - 2	3,300.60
Graders	1	8	187	0.41	0.41	Grading Phase - 2	2,107.40
Rubber Tired Dozers	1	8	247	0.4	0.4	Grading Phase - 2	2,715.68
Scrapers	2	8	367	0.48	0.48	Grading Phase - 2	9,684.11
Tractors/Loaders/Backhoes	2	8	97	0.37	0.37	Grading Phase - 2	2,193.41
Cranes	1	7	231	0.29	0.29	Building Construction Phase - 1 and 2	19,408.35
Forklifts	3	8	89	0.2	0.2	Building Construction Phase - 1 and 2	19,656.49
Generator Sets	1	8	84	0.74	0.74	Building Construction Phase - 1 and 2	22,881.04
Tractors/Loaders/Backhoes	3	7	97	0.37	0.37	Building Construction Phase - 1 and 2	34,679.08
Welders	1	8	46	0.45	0.45	Building Construction Phase - 1 and 2	7,619.65
Pavers	2	8	130	0.42	0.42	Paving Phase - 1	923.55
Paving Equipment	2	8	132	0.36	0.36	Paving Phase - 1	803.80
Rollers	2	8	80	0.38	0.38	Paving Phase - 1	571.66
Pavers	2	8	130	0.42	0.42	Paving Phase - 2	923.55
Paving Equipment	2	8	132	0.36	0.36	Paving Phase - 2	803.80
Rollers	2	8	80	0.38	0.38	Paving Phase - 2	571.66
Air Compressors	1	6	78	0.48	0.48	Architectural Coating Phase - 1	2,574.16
Air Compressors	1	6	78	0.48	0.48	Architectural Coating Phase - 2	2,600.56
<b>Total Fuel Used</b>							<b>195,605.29</b>
							<b>(Gallons)</b>

Construction Phase	Days of Operation
Site Preparation Phase - 1	98
Site Preparation Phase - 2	65
Grading Phase - 1	98
Grading Phase - 2	65
Building Construction Phase - 1 and 2	783
Paving Phase - 1	20
Paving Phase - 2	20
Architectural Coating Phase - 1	195
Architectural Coating Phase - 2	197
<b>Total Days</b>	<b>1541</b>

<b>WORKER TRIPS</b>				
<b>Constuction Phase</b>	<b>MPG [2]</b>	<b>Trips</b>	<b>Trip Length (miles)</b>	<b>Fuel Used (gallons)</b>
Site Preparation Phase - 1	24.4	18	13.0	939.84
Site Preparation Phase - 2	24.4	18	13.0	623.36
Grading Phase - 1	24.4	20	13.0	1044.26
Grading Phase - 2	24.4	20	13.0	692.62
Building Construction Phase - 1 and 2	24.4	283	13.0	118059.71
Paving Phase - 1	24.4	15	13.0	159.84
Paving Phase - 2	24.4	15	13.0	159.84
Architectural Coating Phase - 1	24.4	57	13.0	5921.93
Architectural Coating Phase - 2	24.4	57	13.0	5982.66
<b>Total</b>				<b>133,584.06</b>

<b>HAULING AND VENDOR TRIPS</b>				
<b>Trip Class</b>	<b>MPG [2]</b>	<b>Trips</b>	<b>Trip Length (miles)</b>	<b>Fuel Used (gallons)</b>
<b>HAULING TRIPS</b>				
Site Preparation Phase - 1	7.5	0	20.0	0.00
Site Preparation Phase - 2	7.5	0	20.0	0.00
Grading Phase - 1	7.5	0	20.0	0.00
Grading Phase - 2	7.5	0	20.0	0.00
Building Construction Phase - 1 and 2	7.5	0	20.0	0.00
Paving Phase - 1	7.5	0	20.0	0.00
Paving Phase - 2	7.5	0	20.0	0.00
Architectural Coating Phase - 1	7.5	0	20.0	0.00
Architectural Coating Phase - 2	7.5	0	20.0	0.00
<b>Total</b>				<b>-</b>
<b>VENDOR TRIPS</b>				
Site Preparation Phase - 1	7.5	0	5.0	0.00
Site Preparation Phase - 2	7.5	0	5.0	0.00
Grading Phase - 1	7.5	0	5.0	0.00
Grading Phase - 2	7.5	0	5.0	0.00
Building Construction Phase - 1 and 2	7.5	62	5.0	32364.00
Paving Phase - 1	7.5	0	5.0	0.00
Paving Phase - 2	7.5	0	5.0	0.00
Architectural Coating Phase - 1	7.5	0	5.0	0.00
Architectural Coating Phase - 2	7.5	0	5.0	0.00
<b>Total</b>				<b>32,364.00</b>

<b>Total Gasoline Consumption (gallons)</b>	<b>133,584.06</b>
<b>Total Diesel Consumption (gallons)</b>	<b>227,969.29</b>

**Sources:**

[1] United States Environmental Protection Agency. 2018. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES2014b*. July 2018. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf>.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2019. *National Transportation Statistics 2019*. Available at: <https://www.bts.gov/topics/national-transportation-statistics>.

# 600 Tank Farm Road - Transportation Improvements

Last Updated: 02/22/2021

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors [1]:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529
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*Values above are expressed in gallons per horsepower-hour/BSFC.*

CONSTRUCTION EQUIPMENT							
Construction Equipment	#	Hours per		Load		Construction Phase	Fuel Used (gallons)
		Day	Horsepower	Factor	Factor		
Graders	1	8	187	0.41	0.41	Site Preparation Phase	162.11
Scrapers	1	8	367	0.48	0.48	Site Preparation Phase	372.47
Tractors/Loaders/Backhoes	1	7	97	0.37	0.37	Site Preparation Phase	73.82
Graders	1	8	187	0.41	0.41	Grading Phase	162.11
Tractors/Loaders/Backhoes	2	7	97	0.37	0.37	Grading Phase	147.63
Rubber Tired Dozers	1	8	247	0.4	0.4	Grading Phase	208.90
Cement and Mortar Mixers	1	8	9	0.56	0.56	Paving Phase	11.85
Pavers	1	8	130	0.42	0.42	Paving Phase	115.44
Paving Equipment	1	8	132	0.36	0.36	Paving Phase	100.47
Rollers	2	8	80	0.38	0.38	Paving Phase	142.91
Tractors/Loaders/Backhoes	1	8	97	0.37	0.37	Paving Phase	303.70
<b>Total Fuel Used</b>							<b>1,801.41</b>
							<b>(Gallons)</b>

Construction Phase	Days of Operation
Site Preparation Phase	5
Grading Phase	8
Paving Phase	18
<b>Total Days</b>	<b>31</b>

**WORKER TRIPS**

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Site Preparation Phase	24.4	8	13.0	21.31
Grading Phase	24.4	10	13.0	42.62
Paving Phase	24.4	15	13.0	143.85
<b>Fuel</b>				<b>207.79</b>

<b>Total Gasoline Consumption (gallons)</b>	<b>207.79</b>
<b>Total Diesel Consumption (gallons)</b>	<b>1,801.41</b>

**Sources:**

[1] United States Environmental Protection Agency. 2018. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES2014b*. July 2018. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf>.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2019. *National Transportation Statistics 2019*. Available at: <https://www.bts.gov/topics/national-transportation-statistics>.

# 600 Tank Farm Road - Project Site

Last Updated: 02/22/2021

Populate one of the following tables (Leave the other blank):

<b>Annual VMT</b>	<b>OR</b>	<b>Daily Vehicle Trips</b>
Annual VMT: 2,975,480		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.598707	Passenger Vehicles	24.4
Light Duty Truck 1 (LDT1)	0.026478	Light-Med Duty Trucks	17.9
Light Duty Truck 2 (LDT2)	0.198533	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.109950	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.019088		
Light Heavy Duty 2 (LHD2)	0.005179		
Medium Heavy Duty (MHD)	0.012618		
Heavy Heavy Duty (HHD)	0.019740		
Other Bus (OBUS)	0.002283		
Urban Bus (UBUS)	0.001113		
Motorcycle (MCY)	0.004555		
School Bus (SBUS)	0.000739		
Motorhome (MH)	0.001016		

Fleet Mix					
Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	59.87%	Gasoline	1,781,441	0.00	73,009.86
Light-Medium Duty Trucks	33.50%	Gasoline	996,670	0.00	55,679.87
Heavy Trucks/Other	6.18%	Diesel	183,813	0.00	24,508.43
Motorcycle	0.46%	Gasoline	13,553	0.00	308.03

<b>Total Gasoline Consumption (gallons)</b>	<b>128,997.77</b>
<b>Total Diesel Consumption (gallons)</b>	<b>24,508.43</b>

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2019. National Transportation Statistics 2019. Available at: <https://www.bts.gov/topics/national-transportation-statistics>.

600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

**600 Tank Farm Road - Business Park Alternative**  
**San Luis Obispo County APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	246.60	1000sqft	11.10	246,600.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.2	<b>Precipitation Freq (Days)</b>	44
<b>Climate Zone</b>	4			<b>Operational Year</b>	2030
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	122.99	<b>CH4 Intensity (lb/MW hr)</b>	0.013	<b>N2O Intensity (lb/MW hr)</b>	0

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

- Project Characteristics - Utility Factors modified per 2030 RPS
- Land Use - Per existing Business Park Designation; average FAR of 0.51
- Trips and VMT -
- Architectural Coating - SLOAPCD Rule 433
- Road Dust - Road Dust per CalEEMod User Guide
- Area Coating - Per SLOAPCD Rule 433
- Energy Use - No nat gas per City's Clean Energy Choice
- Water Mitigation - Indoor water use reduction per 2016 CalGreen (Part 11, Title 24)
- On-road Fugitive Dust -



## 600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24NG	16.31	0.00
tblLandUse	LotAcreage	5.66	11.10
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	122.99
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblRoadDust	CARB_PM_VMT	True	False
tblRoadDust	MaterialMoistureContent	0.5	0.1
tblRoadDust	MaterialSiltContent	4.3	9.3
tblRoadDust	MeanVehicleSpeed	40	32.4

## 2.0 Emissions Summary

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600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1504	1.5173	1.0945	2.1700e-003	0.2422	0.0692	0.3114	0.1094	0.0641	0.1735	0.0000	191.1276	191.1276	0.0503	0.0000	192.3861
2022	0.2882	2.5436	2.6472	5.6400e-003	0.1538	0.1072	0.2610	0.0414	0.1009	0.1423	0.0000	501.4282	501.4282	0.0808	0.0000	503.4486
2023	1.7402	0.2220	0.2925	5.4000e-004	0.0106	0.0101	0.0207	2.8300e-003	9.4300e-003	0.0123	0.0000	48.0765	48.0765	0.0104	0.0000	48.3356
<b>Maximum</b>	<b>1.7402</b>	<b>2.5436</b>	<b>2.6472</b>	<b>5.6400e-003</b>	<b>0.2422</b>	<b>0.1072</b>	<b>0.3114</b>	<b>0.1094</b>	<b>0.1009</b>	<b>0.1735</b>	<b>0.0000</b>	<b>501.4282</b>	<b>501.4282</b>	<b>0.0808</b>	<b>0.0000</b>	<b>503.4486</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1504	1.5173	1.0945	2.1700e-003	0.2422	0.0692	0.3114	0.1094	0.0641	0.1735	0.0000	191.1274	191.1274	0.0503	0.0000	192.3859
2022	0.2882	2.5436	2.6472	5.6400e-003	0.1538	0.1072	0.2610	0.0414	0.1009	0.1423	0.0000	501.4279	501.4279	0.0808	0.0000	503.4482
2023	1.7402	0.2220	0.2925	5.4000e-004	0.0106	0.0101	0.0207	2.8300e-003	9.4300e-003	0.0123	0.0000	48.0765	48.0765	0.0104	0.0000	48.3355
<b>Maximum</b>	<b>1.7402</b>	<b>2.5436</b>	<b>2.6472</b>	<b>5.6400e-003</b>	<b>0.2422</b>	<b>0.1072</b>	<b>0.3114</b>	<b>0.1094</b>	<b>0.1009</b>	<b>0.1735</b>	<b>0.0000</b>	<b>501.4279</b>	<b>501.4279</b>	<b>0.0808</b>	<b>0.0000</b>	<b>503.4482</b>

## 600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2021	11-30-2021	1.3913	1.3913
2	12-1-2021	2-28-2022	0.7256	0.7256
3	3-1-2022	5-31-2022	0.7143	0.7143
4	6-1-2022	8-31-2022	0.7135	0.7135
5	9-1-2022	11-30-2022	0.7074	0.7074
6	12-1-2022	2-28-2023	1.3397	1.3397
7	3-1-2023	5-31-2023	0.8654	0.8654
		Highest	1.3913	1.3913

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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1349	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	245.2901	245.2901	0.0259	0.0000	245.9382
Mobile	0.2488	1.0662	3.0066	0.0122	1.4618	8.7600e-003	1.4705	0.3908	8.1600e-003	0.3990	0.0000	1,126.1273	1,126.1273	0.0351	0.0000	1,127.0046
Waste						0.0000	0.0000		0.0000	0.0000	62.0706	0.0000	62.0706	3.6683	0.0000	153.7772
Water						0.0000	0.0000		0.0000	0.0000	18.0918	17.2142	35.3060	1.8600	0.0439	94.8817
<b>Total</b>	<b>1.3837</b>	<b>1.0663</b>	<b>3.0108</b>	<b>0.0122</b>	<b>1.4618</b>	<b>8.7700e-003</b>	<b>1.4706</b>	<b>0.3908</b>	<b>8.1700e-003</b>	<b>0.3990</b>	<b>80.1624</b>	<b>1,388.6397</b>	<b>1,468.8020</b>	<b>5.5893</b>	<b>0.0439</b>	<b>1,621.6103</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	1.1349	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	245.2901	245.2901	0.0259	0.0000	245.9382
Mobile	0.2488	1.0662	3.0066	0.0122	1.4618	8.7600e-003	1.4705	0.3908	8.1600e-003	0.3990	0.0000	1,126.1273	1,126.1273	0.0351	0.0000	1,127.0046
Waste						0.0000	0.0000		0.0000	0.0000	62.0706	0.0000	62.0706	3.6683	0.0000	153.7772
Water						0.0000	0.0000		0.0000	0.0000	14.4734	13.7714	28.2448	1.4880	0.0351	75.9053
<b>Total</b>	<b>1.3837</b>	<b>1.0663</b>	<b>3.0108</b>	<b>0.0122</b>	<b>1.4618</b>	<b>8.7700e-003</b>	<b>1.4706</b>	<b>0.3908</b>	<b>8.1700e-003</b>	<b>0.3990</b>	<b>76.5440</b>	<b>1,385.1968</b>	<b>1,461.7408</b>	<b>5.2173</b>	<b>0.0351</b>	<b>1,602.6340</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.51</b>	<b>0.25</b>	<b>0.48</b>	<b>6.66</b>	<b>20.01</b>	<b>1.17</b>

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	9/28/2021	5	20	
2	Site Preparation	Site Preparation	9/29/2021	10/12/2021	5	10	
3	Grading	Grading	10/13/2021	11/23/2021	5	30	
4	Building Construction	Building Construction	11/24/2021	1/17/2023	5	300	
5	Paving	Paving	1/18/2023	2/14/2023	5	20	
6	Architectural Coating	Architectural Coating	2/15/2023	3/14/2023	5	20	

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

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 369,900; Non-Residential Outdoor: 123,300; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## 600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	104.00	40.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	21.00	0.00	0.00	13.00	5.00	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					
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>0.0155</b>	<b>0.0155</b>		<b>0.0144</b>	<b>0.0144</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	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	5.3000e-004	4.6800e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1669	1.1669	4.0000e-005	0.0000	1.1678
<b>Total</b>	<b>6.1000e-004</b>	<b>5.3000e-004</b>	<b>4.6800e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.1669</b>	<b>1.1669</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.1678</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	0.0317	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>0.0155</b>	<b>0.0155</b>		<b>0.0144</b>	<b>0.0144</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	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	5.3000e-004	4.6800e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1669	1.1669	4.0000e-005	0.0000	1.1678
<b>Total</b>	<b>6.1000e-004</b>	<b>5.3000e-004</b>	<b>4.6800e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.1669</b>	<b>1.1669</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.1678</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	3.7000e-004	3.2000e-004	2.8100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7002	0.7002	2.0000e-005	0.0000	0.7007
<b>Total</b>	<b>3.7000e-004</b>	<b>3.2000e-004</b>	<b>2.8100e-003</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>2.3000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.7002</b>	<b>0.7002</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.7007</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	3.7000e-004	3.2000e-004	2.8100e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7002	0.7002	2.0000e-005	0.0000	0.7007
<b>Total</b>	<b>3.7000e-004</b>	<b>3.2000e-004</b>	<b>2.8100e-003</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>1.0000e-005</b>	<b>8.7000e-004</b>	<b>2.3000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.7002</b>	<b>0.7002</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.7007</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					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0629	0.6960	0.4632	9.3000e-004		0.0298	0.0298		0.0274	0.0274	0.0000	81.7425	81.7425	0.0264	0.0000	82.4034
<b>Total</b>	<b>0.0629</b>	<b>0.6960</b>	<b>0.4632</b>	<b>9.3000e-004</b>	<b>0.1301</b>	<b>0.0298</b>	<b>0.1599</b>	<b>0.0540</b>	<b>0.0274</b>	<b>0.0814</b>	<b>0.0000</b>	<b>81.7425</b>	<b>81.7425</b>	<b>0.0264</b>	<b>0.0000</b>	<b>82.4034</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	1.2200e-003	1.0700e-003	9.3500e-003	3.0000e-005	2.8900e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.8000e-004	0.0000	2.3339	2.3339	7.0000e-005	0.0000	2.3356
<b>Total</b>	<b>1.2200e-003</b>	<b>1.0700e-003</b>	<b>9.3500e-003</b>	<b>3.0000e-005</b>	<b>2.8900e-003</b>	<b>2.0000e-005</b>	<b>2.9100e-003</b>	<b>7.7000e-004</b>	<b>2.0000e-005</b>	<b>7.8000e-004</b>	<b>0.0000</b>	<b>2.3339</b>	<b>2.3339</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.3356</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					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0629	0.6960	0.4632	9.3000e-004		0.0298	0.0298		0.0274	0.0274	0.0000	81.7424	81.7424	0.0264	0.0000	82.4033
<b>Total</b>	<b>0.0629</b>	<b>0.6960</b>	<b>0.4632</b>	<b>9.3000e-004</b>	<b>0.1301</b>	<b>0.0298</b>	<b>0.1599</b>	<b>0.0540</b>	<b>0.0274</b>	<b>0.0814</b>	<b>0.0000</b>	<b>81.7424</b>	<b>81.7424</b>	<b>0.0264</b>	<b>0.0000</b>	<b>82.4033</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	1.2200e-003	1.0700e-003	9.3500e-003	3.0000e-005	2.8900e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.8000e-004	0.0000	2.3339	2.3339	7.0000e-005	0.0000	2.3356
<b>Total</b>	<b>1.2200e-003</b>	<b>1.0700e-003</b>	<b>9.3500e-003</b>	<b>3.0000e-005</b>	<b>2.8900e-003</b>	<b>2.0000e-005</b>	<b>2.9100e-003</b>	<b>7.7000e-004</b>	<b>2.0000e-005</b>	<b>7.8000e-004</b>	<b>0.0000</b>	<b>2.3339</b>	<b>2.3339</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.3356</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	0.0266	0.2441	0.2321	3.8000e-004		0.0134	0.0134		0.0126	0.0126	0.0000	32.4292	32.4292	7.8200e-003	0.0000	32.6248
<b>Total</b>	<b>0.0266</b>	<b>0.2441</b>	<b>0.2321</b>	<b>3.8000e-004</b>		<b>0.0134</b>	<b>0.0134</b>		<b>0.0126</b>	<b>0.0126</b>	<b>0.0000</b>	<b>32.4292</b>	<b>32.4292</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>32.6248</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	1.7100e-003	0.0533	0.0156	1.1000e-004	2.5400e-003	1.5000e-004	2.7000e-003	7.4000e-004	1.5000e-004	8.8000e-004	0.0000	10.7092	10.7092	6.3000e-004	0.0000	10.7250
Worker	5.9300e-003	5.1700e-003	0.0454	1.3000e-004	0.0140	9.0000e-005	0.0141	3.7300e-003	8.0000e-005	3.8100e-003	0.0000	11.3271	11.3271	3.4000e-004	0.0000	11.3357
<b>Total</b>	<b>7.6400e-003</b>	<b>0.0585</b>	<b>0.0610</b>	<b>2.4000e-004</b>	<b>0.0166</b>	<b>2.4000e-004</b>	<b>0.0168</b>	<b>4.4700e-003</b>	<b>2.3000e-004</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>22.0363</b>	<b>22.0363</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>22.0606</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	0.0266	0.2441	0.2321	3.8000e-004		0.0134	0.0134		0.0126	0.0126	0.0000	32.4292	32.4292	7.8200e-003	0.0000	32.6248
<b>Total</b>	<b>0.0266</b>	<b>0.2441</b>	<b>0.2321</b>	<b>3.8000e-004</b>		<b>0.0134</b>	<b>0.0134</b>		<b>0.0126</b>	<b>0.0126</b>	<b>0.0000</b>	<b>32.4292</b>	<b>32.4292</b>	<b>7.8200e-003</b>	<b>0.0000</b>	<b>32.6248</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	1.7100e-003	0.0533	0.0156	1.1000e-004	2.5400e-003	1.5000e-004	2.7000e-003	7.4000e-004	1.5000e-004	8.8000e-004	0.0000	10.7092	10.7092	6.3000e-004	0.0000	10.7250
Worker	5.9300e-003	5.1700e-003	0.0454	1.3000e-004	0.0140	9.0000e-005	0.0141	3.7300e-003	8.0000e-005	3.8100e-003	0.0000	11.3271	11.3271	3.4000e-004	0.0000	11.3357
<b>Total</b>	<b>7.6400e-003</b>	<b>0.0585</b>	<b>0.0610</b>	<b>2.4000e-004</b>	<b>0.0166</b>	<b>2.4000e-004</b>	<b>0.0168</b>	<b>4.4700e-003</b>	<b>2.3000e-004</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>22.0363</b>	<b>22.0363</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>22.0606</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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2428</b>	<b>301.2428</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0471</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	0.0147	0.4703	0.1339	1.0200e-003	0.0236	1.2400e-003	0.0249	6.8300e-003	1.1900e-003	8.0200e-003	0.0000	98.7649	98.7649	5.7900e-003	0.0000	98.9097
Worker	0.0517	0.0432	0.3861	1.1200e-003	0.1302	8.0000e-004	0.1310	0.0346	7.4000e-004	0.0353	0.0000	101.4205	101.4205	2.8500e-003	0.0000	101.4918
<b>Total</b>	<b>0.0664</b>	<b>0.5135</b>	<b>0.5200</b>	<b>2.1400e-003</b>	<b>0.1538</b>	<b>2.0400e-003</b>	<b>0.1558</b>	<b>0.0414</b>	<b>1.9300e-003</b>	<b>0.0434</b>	<b>0.0000</b>	<b>200.1854</b>	<b>200.1854</b>	<b>8.6400e-003</b>	<b>0.0000</b>	<b>200.4015</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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2425</b>	<b>301.2425</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0467</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	0.0147	0.4703	0.1339	1.0200e-003	0.0236	1.2400e-003	0.0249	6.8300e-003	1.1900e-003	8.0200e-003	0.0000	98.7649	98.7649	5.7900e-003	0.0000	98.9097
Worker	0.0517	0.0432	0.3861	1.1200e-003	0.1302	8.0000e-004	0.1310	0.0346	7.4000e-004	0.0353	0.0000	101.4205	101.4205	2.8500e-003	0.0000	101.4918
<b>Total</b>	<b>0.0664</b>	<b>0.5135</b>	<b>0.5200</b>	<b>2.1400e-003</b>	<b>0.1538</b>	<b>2.0400e-003</b>	<b>0.1558</b>	<b>0.0414</b>	<b>1.9300e-003</b>	<b>0.0434</b>	<b>0.0000</b>	<b>200.1854</b>	<b>200.1854</b>	<b>8.6400e-003</b>	<b>0.0000</b>	<b>200.4015</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.4400e-003	0.0863	0.0975	1.6000e-004		4.2000e-003	4.2000e-003		3.9500e-003	3.9500e-003	0.0000	13.9083	13.9083	3.3100e-003	0.0000	13.9910
<b>Total</b>	<b>9.4400e-003</b>	<b>0.0863</b>	<b>0.0975</b>	<b>1.6000e-004</b>		<b>4.2000e-003</b>	<b>4.2000e-003</b>		<b>3.9500e-003</b>	<b>3.9500e-003</b>	<b>0.0000</b>	<b>13.9083</b>	<b>13.9083</b>	<b>3.3100e-003</b>	<b>0.0000</b>	<b>13.9910</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0179	5.4300e-003	5.0000e-005	1.0900e-003	3.0000e-005	1.1200e-003	3.2000e-004	3.0000e-005	3.4000e-004	0.0000	4.4835	4.4835	2.4000e-004	0.0000	4.4894
Worker	2.2400e-003	1.7900e-003	0.0163	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	3.0000e-005	1.6300e-003	0.0000	4.5054	4.5054	1.2000e-004	0.0000	4.5083
<b>Total</b>	<b>2.7600e-003</b>	<b>0.0197</b>	<b>0.0217</b>	<b>1.0000e-004</b>	<b>7.1000e-003</b>	<b>7.0000e-005</b>	<b>7.1600e-003</b>	<b>1.9200e-003</b>	<b>6.0000e-005</b>	<b>1.9700e-003</b>	<b>0.0000</b>	<b>8.9888</b>	<b>8.9888</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>8.9977</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	9.4400e-003	0.0863	0.0975	1.6000e-004		4.2000e-003	4.2000e-003		3.9500e-003	3.9500e-003	0.0000	13.9083	13.9083	3.3100e-003	0.0000	13.9910
<b>Total</b>	<b>9.4400e-003</b>	<b>0.0863</b>	<b>0.0975</b>	<b>1.6000e-004</b>		<b>4.2000e-003</b>	<b>4.2000e-003</b>		<b>3.9500e-003</b>	<b>3.9500e-003</b>	<b>0.0000</b>	<b>13.9083</b>	<b>13.9083</b>	<b>3.3100e-003</b>	<b>0.0000</b>	<b>13.9910</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0179	5.4300e-003	5.0000e-005	1.0900e-003	3.0000e-005	1.1200e-003	3.2000e-004	3.0000e-005	3.4000e-004	0.0000	4.4835	4.4835	2.4000e-004	0.0000	4.4894
Worker	2.2400e-003	1.7900e-003	0.0163	5.0000e-005	6.0100e-003	4.0000e-005	6.0400e-003	1.6000e-003	3.0000e-005	1.6300e-003	0.0000	4.5054	4.5054	1.2000e-004	0.0000	4.5083
<b>Total</b>	<b>2.7600e-003</b>	<b>0.0197</b>	<b>0.0217</b>	<b>1.0000e-004</b>	<b>7.1000e-003</b>	<b>7.0000e-005</b>	<b>7.1600e-003</b>	<b>1.9200e-003</b>	<b>6.0000e-005</b>	<b>1.9700e-003</b>	<b>0.0000</b>	<b>8.9888</b>	<b>8.9888</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>8.9977</b>

**3.6 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0103</b>	<b>0.1019</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.1000e-003</b>	<b>5.1000e-003</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>20.0269</b>	<b>20.0269</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1888</b>

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**3.6 Paving - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.3000e-004	3.9100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0830	1.0830	3.0000e-005	0.0000	1.0837
<b>Total</b>	<b>5.4000e-004</b>	<b>4.3000e-004</b>	<b>3.9100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0830</b>	<b>1.0830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0837</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	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0103</b>	<b>0.1019</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.1000e-003</b>	<b>5.1000e-003</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>	<b>0.0000</b>	<b>20.0268</b>	<b>20.0268</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1888</b>

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**3.6 Paving - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.3000e-004	3.9100e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0830	1.0830	3.0000e-005	0.0000	1.0837
<b>Total</b>	<b>5.4000e-004</b>	<b>4.3000e-004</b>	<b>3.9100e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>1.0000e-005</b>	<b>1.4500e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0830</b>	<b>1.0830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.0837</b>

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.7145					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
<b>Total</b>	<b>1.7164</b>	<b>0.0130</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>2.5571</b>

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**3.7 Architectural Coating - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.0000e-004	5.4800e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.5162	1.5162	4.0000e-005	0.0000	1.5172
<b>Total</b>	<b>7.5000e-004</b>	<b>6.0000e-004</b>	<b>5.4800e-003</b>	<b>2.0000e-005</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.5162</b>	<b>1.5162</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.5172</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.7145					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
<b>Total</b>	<b>1.7164</b>	<b>0.0130</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>2.5571</b>

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**3.7 Architectural Coating - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.0000e-004	5.4800e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.5162	1.5162	4.0000e-005	0.0000	1.5172
<b>Total</b>	<b>7.5000e-004</b>	<b>6.0000e-004</b>	<b>5.4800e-003</b>	<b>2.0000e-005</b>	<b>2.0200e-003</b>	<b>1.0000e-005</b>	<b>2.0300e-003</b>	<b>5.4000e-004</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>1.5162</b>	<b>1.5162</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.5172</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	0.2488	1.0662	3.0066	0.0122	1.4618	8.7600e-003	1.4705	0.3908	8.1600e-003	0.3990	0.0000	1,126.1273	1,126.1273	0.0351	0.0000	1,127.0046
Unmitigated	0.2488	1.0662	3.0066	0.0122	1.4618	8.7600e-003	1.4705	0.3908	8.1600e-003	0.3990	0.0000	1,126.1273	1,126.1273	0.0351	0.0000	1,127.0046

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	1,684.28	614.03	180.02	3,901,910	3,901,910
Total	1,684.28	614.03	180.02	3,901,910	3,901,910

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
Industrial Park	13.00	5.00	5.00	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.610645	0.025081	0.199254	0.104456	0.014638	0.004440	0.012550	0.019914	0.002247	0.001059	0.004248	0.000708	0.000759

5.0 Energy Detail

Historical Energy Use: N



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

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Industrial Park	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	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	4.39688e+006	245.2901	0.0259	0.0000	245.9382
<b>Total</b>		<b>245.2901</b>	<b>0.0259</b>	<b>0.0000</b>	<b>245.9382</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	4.39688e+006	245.2901	0.0259	0.0000	245.9382
<b>Total</b>		<b>245.2901</b>	<b>0.0259</b>	<b>0.0000</b>	<b>245.9382</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1349	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-003
Unmitigated	1.1349	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-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	0.1715					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.8000e-004	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-003
<b>Total</b>	<b>1.1349</b>	<b>4.0000e-005</b>	<b>4.1300e-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>8.0800e-003</b>	<b>8.0800e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>8.6000e-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	0.1715					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.8000e-004	4.0000e-005	4.1300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.0800e-003	8.0800e-003	2.0000e-005	0.0000	8.6000e-003
<b>Total</b>	<b>1.1349</b>	<b>4.0000e-005</b>	<b>4.1300e-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>8.0800e-003</b>	<b>8.0800e-003</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>8.6000e-003</b>

**7.0 Water Detail**

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### 7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.2448	1.4880	0.0351	75.9053
Unmitigated	35.3060	1.8600	0.0439	94.8817

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	57.0262 / 0	35.3060	1.8600	0.0439	94.8817
<b>Total</b>		<b>35.3060</b>	<b>1.8600</b>	<b>0.0439</b>	<b>94.8817</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	45.621 / 0	28.2448	1.4880	0.0351	75.9053
<b>Total</b>		<b>28.2448</b>	<b>1.4880</b>	<b>0.0351</b>	<b>75.9053</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	62.0706	3.6683	0.0000	153.7772
Unmitigated	62.0706	3.6683	0.0000	153.7772

600 Tank Farm Road - Business Park Alternative - San Luis Obispo County APCD Air District, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	305.78	62.0706	3.6683	0.0000	153.7772
<b>Total</b>		<b>62.0706</b>	<b>3.6683</b>	<b>0.0000</b>	<b>153.7772</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	305.78	62.0706	3.6683	0.0000	153.7772
<b>Total</b>		<b>62.0706</b>	<b>3.6683</b>	<b>0.0000</b>	<b>153.7772</b>

**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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## N2O Operational GHG Emission Mobile Calculations - Business Park Alternative

Project Code & Title: 20-09794 600 Tank Farm Business Park Alt

Vehicle Population Breakdown*	
281904	Gasoline vehicles
16037	Diesel vehicles
94.6%	Gasoline vehicle %
5.4%	Diesel vehicle %

VMT per Vehicle Type	
3901910	Project VMT (CalEEMod Output)
3691887	Gasoline vehicle VMT
210023	Diesel vehicle VMT

Gasoline Vehicles	
94.6%	Gasoline vehicle %
0.4389	Tons per year mobile NOX emissions (annual output in CalEEMod)
0.42	Gasoline vehicle tons per year NOX emissions
0.0332	Tons per year N2O emissions for gasoline vehicles**
0.0301	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.44	Diesel average miles per gallon*
0.06827	grams per mile N2O for diesel vehicles
14337.8	grams per year N2O for diesel vehicles
0.0143378	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.0444	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
<b>13.2</b>	<b>CO2e emissions per year from N2O emissions from gasoline + diesel vehicles</b>

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

# 600 Tank Farm Road - Alternative 2

Last Updated: 4/30/21

Populate one of the following tables (Leave the other blank):

<b>Annual VMT</b>	<b>OR</b>	<b>Daily Vehicle Trips</b>
Annual VMT: 3,901,910		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.610645	Passenger Vehicles	24.4
Light Duty Truck 1 (LDT1)	0.025081	Light-Med Duty Trucks	17.9
Light Duty Truck 2 (LDT2)	0.199254	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.104456	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.014638		
Light Heavy Duty 2 (LHD2)	0.004440		
Medium Heavy Duty (MHD)	0.012550		
Heavy Heavy Duty (HHD)	0.019914		
Other Bus (OBUS)	0.002247		
Urban Bus (UBUS)	0.001059		
Motorcycle (MCY)	0.004248		
School Bus (SBUS)	0.000708		
Motorhome (MH)	0.000759		

Fleet Mix					
Vehicle Type	Percent	Fuel Type	Annual VMT:		Fuel Consumption
			VMT	Vehicle Trips: VMT	(Gallons)
Passenger Vehicles	61.06%	Gasoline	2,382,682	0.00	97,650.89
Light-Medium Duty Trucks	32.88%	Gasoline	1,282,913	0.00	71,671.11
Heavy Trucks/Other	5.63%	Diesel	219,736	0.00	29,298.14
Motorcycle	0.42%	Gasoline	16,575	0.00	376.71

<b>Total Gasoline Consumption (gallons)</b>	<b>169,698.72</b>
<b>Total Diesel Consumption (gallons)</b>	<b>29,298.14</b>

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2019. National Transportation Statistics 2019. Available at: <https://www.bts.gov/topics/national-transportation-statistics>.





	<p>If “No” the applicant must prepare a project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions compared to the SLO CEQA GHG Threshold(s) and incorporation of the CAP foundational actions in this CEQA GHG Checklist to the extent feasible.</p>		<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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# CAP FOUNDATIONAL ACTIONS CONSISTENCY

## Pillar 1: Lead by Example

The foundational actions of this pillar pertain exclusively to municipal operations of the City of San Luis Obispo. In order to display consistency with the Climate Action Plan for the purposes of CEQA, applicants must complete the questions for pillars two through six.

## Pillar 2: Clean Energy Systems

Regulation	Requirements	Project/Plan Compliance	Explanation
<a href="#">Climate Action Plan Volume II, Energy 1.1</a>	2. Does the Project/Plan include an operational commitment to participate in Monterey Bay Community Power?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/>

## Pillar 3: Green Buildings

Regulation	Requirements	Project/Plan Compliance	Explanation
Clean Energy Choice Program for New Buildings Municipal Code Section 15.04.110	3. Does the Project/Plan exclusively include “All-electric buildings”? For the purpose of this checklist, the following definitions and exemptions apply:  <i>All-electric building.</i> A new building that has no natural gas plumbing installed within the building and that uses electricity as the source of energy for all space heating, water heating, cooking appliances, and clothes drying appliances. An All-Electric Building may be plumbed for the use of natural gas as fuel for appliances in a commercial kitchen.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>





<p>Clean Energy Choice Program for New Buildings Municipal Code Section 15.04.110</p>	<p>4. If the Project/Plan includes a new mixed-fuel building or buildings (plumbed for the use of natural gas as fuel for space heating, water heating, cooking or clothes drying appliances) does that building/those buildings meet or exceed the City's Energy Reach code?</p>	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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**Pillar 4: Connected Community**

Regulation	Requirements	Project/Plan Compliance	Explanation
<p>Municipal Code Chapter <a href="#">17.72</a></p>	<p>5. Does the Project/Plan comply with requirements in the City's Municipal Code with no exceptions, including bicycle parking, bikeway design, and EV charging stations?</p>	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Multimodal Transportation Impact Study Guidelines</p>	<p>6a. Is the estimated Project/Plan-generated Vehicle Miles Traveled (VMT) within the City's adopted thresholds, as confirmed by the City's Transportation Division?</p>	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Multimodal Transportation Impact Study Guidelines</p>	<p>6b. If "No", does the Project/Plan include VMT mitigation strategies and/or a Transportation Demand Management (TDM) Plan approved by the City's Transportation Division? Please explain.</p> <p>TDM components may include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Telecommuting</li> <li>• Car Sharing</li> </ul>	<p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>N/A <input type="checkbox"/></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

	<ul style="list-style-type: none"> <li>• Shuttle Service</li> <li>• Carpools</li> <li>• Vanpools</li> <li>• Bicycle Parking Facilities</li> <li>• Participate in Rideshare's Back n Forth Club</li> <li>• Transit Subsidies</li> <li>• Off-Site Sustainable Transportation Infrastructure Improvements</li> </ul>		<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<a href="#">Bicycle Transportation Plan</a>	7. Does the Project/Plan demonstrate consistency with the City's Bicycle Transportation Plan <sup>1</sup> ?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<b>Pillar 5: Circular Economy</b>			
Regulation	Requirements	Project/Plan Compliance	Explanation
<a href="#">Development Standards for Solid Waste Services</a>	8. Will the Project/Plan subscribe all units and/or buildings to organic waste pick up and provide the appropriate on-site enclosures consistent with the provisions of the City of San Luis Obispo Development Standards for Solid Waste Services?  Please provide a letter from San Luis Garbage company verifying that the project complies with their standards and requirements for organic waste pick up.	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<b>Pillar 6: Natural Solutions</b>			

<sup>1</sup> The City is set to adopt an Active Transportation Plan (ATP) in October of 2020 which will effectively update and replace the current Bicycle Transportation Plan. Upon adoption, the ATP will become the new regulation with which compliance is required for the purposes of this checklist.

Regulation	Requirements	Project/Plan Compliance	Explanation
<a href="#">Municipal Code Chapter 12.24</a>	9. Does the Project/Plan comply with Municipal Code requirements for trees?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>